University of Wisconsin
PARKSIDE

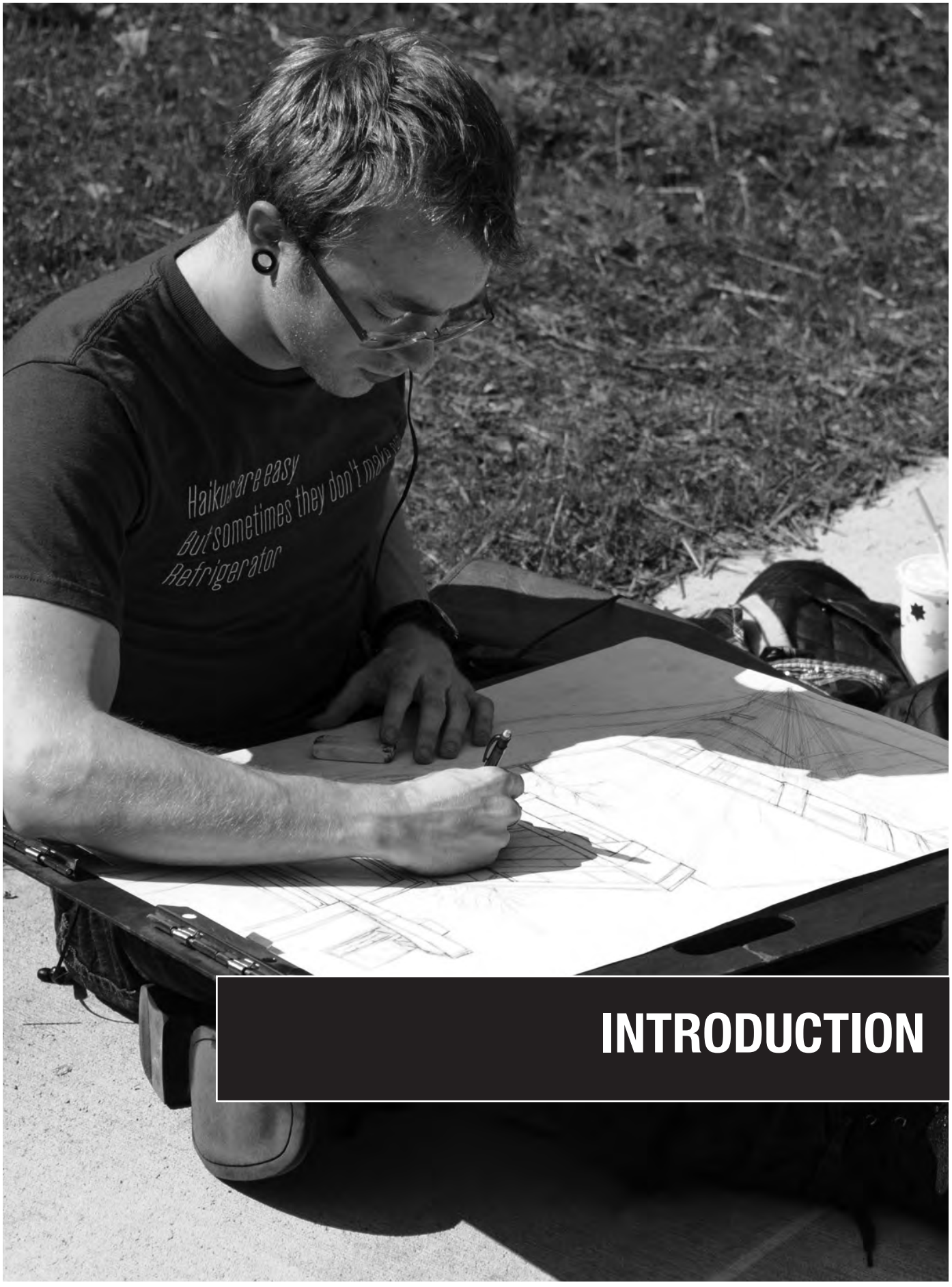
900 Wood Road • Kenosha, WI 53144 • 262-595-2345
www.uwp.edu

CONTENTS

FREQUENTLY CALLED NUMBERS

Area Code for UW-Parkside is 262

Academic Skills Courses	595-2370
Admissions	595-2355
Advising and Career Center	595-2040
Art Department	595-2457
Athletics	595-2245
Men's Baseball Coach	595-2317
Men's Basketball Coach	595-2468
Men's Cross Country/Track Coach	595-2405
Men's Golf Coach	595-3357
Men's Soccer Coach	595-2257
Softball Coach	595-2412
Women's Basketball Coach	595-3345
Women's Cross Country/Track Coach	595-2405
Women's Soccer Coach	595-3347
Women's Volleyball Coach	595-2127
Wrestling Coach	595-2267
Biological Sciences Department	595-2744
Black Student Union	595-2731
Business Department	595-2280
Campus Concierge	595-2307
Campus Information and Events	595-2345
Career Center	595-2452
Cashier's Office	595-2258
Center for Community Partnerships	595-3340
Chemistry Department	595-2326
Child Care Center	595-2227
Communication Department	595-2331
Computer Science Department	595-2314
Criminal Justice Department	595-3416
Dean of Students	595-2598
Disability Services	595-2372
Economics Department	595-2316
Educational Support Services	595-2372
English Department	595-2139
Ethnic Studies	595-2561
Financial Aid & Scholarships	595-2574
Geography Department	595-2658
Geosciences Department	595-2744
Graduate Programs	
Master of Applied Molecular Biology	595-2786
Master of Business Administration	595-2046
Master of Science in Computer Information Services	595-2046
Health and Counseling	595-2366
Health, Exercise Science and Sport Management	595-2308
History Department	595-2316
Housing	595-2320
Humanities	595-2139
Interdisciplinary Studies/Weekend College	595-2609
International Studies	595-2701
Internships	595-2452
Latinos Unidos	595-2731
Learning Assistance	595-2370
Library Hours (Recording)	595-2649
Library Reference Desk	595-2360
Mathematics Department	595-2326
Menu Hotline	595-2689
Modern Languages Department	595-2331
Multicultural Student Affairs	595-2731
Music Department	595-2457
Nursing Program	595-2480
Parkside Activities Board	595-2650
Parkside Adult Student Alliance	595-2706
Philosophy Department	595-2331
Physics Department	595-2326
Political Science Department	595-2316
Psychology Department	595-2658
Ranger Card	595-2307
Registrar	595-2284
Residence Life	595-2320
Scholarships	595-2574
Sociology/Anthropology Department	595-2177
Speech Studies	595-2673
Student Activities/Organizations	595-2278
Student Employment	595-2016
Student Government	595-2036
Student Center	595-2307
Student Life	595-2320
Student Records	595-2284
Student Support Services	595-2726
Teacher Education Department	595-2180
Testing	
ACT, NTE, PPST, Placement, SAT	595-2370
Recorded Test Dates, Times, & Info	595-2605
Theatre Arts Department	595-2581
Tours	595-2355
Tutoring Center	595-2044
UW-Parkside Police Dept. (Emergency)	**595-2911**
UW-Parkside Police Dept. (Non-Emergency)	595-2455
Veterans' Services	595-2160
Women's & Gender Studies	595-2609



INTRODUCTION

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Introduction

Welcome to the University of Wisconsin-Parkside. This catalog contains information about the university, admissions standards, academic programs and policies, student services, programs of study, and course listings. The catalog is a reference for general degree requirements, detailing the course work needed to complete a declared field of study. The catalog is a public record of general university requirements. Save this catalog and use it as a reference until your course of study has been completed.

The University

Founded in 1968, UW-Parkside graduated its first students in 1970. One of 13 baccalaureate degree-granting campuses in the University of Wisconsin System, UW-Parkside is accredited by the Higher Learning Commission (30 North La Salle Street, Suite 2400, Chicago, IL 60602-2504) and is a member of the North Central Association. The business management, management information systems, accounting, and master of business administration degree programs are accredited by AACSB International – the Association to Advance Collegiate Schools of Business. The chemistry degree program is approved by the American Chemical Society.

Student Success

Undergraduate students choose majors in the College of Arts and Humanities, the College of Natural and Health Sciences, the College of Business, Economics, and Computing, and the College of Social Sciences and Professional Studies and work toward a bachelor of science or bachelor of arts degree. Graduate students choose from the master of business administration, master of science in applied molecular biology, master of science in computer and information systems, and a master of science in sustainable management.

UW-Parkside students are required to take classes in the liberal arts, math, and science to provide the solid foundation needed in any declared major. The majority of students take four years or longer to graduate. However, accelerated programs are available. A maximum of 30 credits can be earned toward a degree through Advanced Placement exams and the College Level Examination.

Students also complete course work at UW-Parkside in degree programs offered through consortial programs with other UW System institutions.

UW-Milwaukee: bachelor of science in nursing.

UW-Extension, UW-River Falls, UW-Stout and UW-Superior: online bachelor of science in sustainable management and master of science in sustainable management.

UW-Extension, UW-Green Bay, UW-Platteville and UW-Stevens Point: online bachelor of science in health information management and technology.

UW-Eau Claire, UW-La Crosse and UW-Oshkosh: online M.B.A.

Academic Excellence

The university's best and most senior faculty teach all levels of undergraduate courses. Many programs including biological sciences, business, pre-health, psychology, and theatre arts have earned national reputations. Most class sizes are small, ensuring greater student-faculty interaction. Numerous students work one-on-one with talented faculty in their research, an opportunity that many universities restrict to graduate students.

Community Engagement

The Center for Community Partnerships promotes extended learning opportunities by connecting university resources with the communities of southeastern Wisconsin and northeastern Illinois through innovative, mutual partnerships. As the university's front door for community engagement, the Center for Community Partnerships focuses on mobilizing the talent of students, faculty, staff and volunteers in several key areas: community-based learning and research, nonprofit development, continuing professional education, personal enrichment, and youth mentoring. UW-Parkside plays a vital role in enriching the quality of life of the communities of which we are a part. Likewise, students benefit from attaining civic engagement and entrepreneurial skills through participation in diverse opportunities with major employers, and the public and nonprofit sectors. UW-Parkside is renowned for its partnerships with educational, social service, business, and cultural organizations. UW-Parkside is recognized by the Carnegie Foundation as a Community Engaged Institution and has been on the President's Higher Education Community Service Honor Roll each year since its inception in 2006.

Diversity and Inclusion

In accordance with the UW System's central principle of inclusive excellence, UW-Parkside intentionally integrates diversity and

inclusion efforts in the core aspects of the university such as our academic priorities, leadership, quality improvement initiatives, decision making, day-to-day operations, and organizational culture in order to maximize our success.

With an explicit emphasis on equity and excellence in student learning, we are committed to creating diverse learning environments that are critical to our students' growth, learning, and success. Courses related to intercultural, international, social justice, and diversity topics are offered across our academic programs, and students graduating from UW-Parkside must complete an ethnic diversity requirement. Further, programs in ethnic studies, international studies, and women's studies are offered to assist in preparing students for leadership in an ever-increasing diverse and global society.

UW-Parkside is extremely proud to be the most diverse campus in the UW System and has established itself as a leader in employing a workforce that reflects a broad spectrum of race, ethnicity, ability, national origin, gender, gender identity, sexual orientation, religion, age, and other affiliations. Programs and services specifically designed to assist students with disabilities are offered through Disability Services and the Student Health and Counseling Center.

The University Vision and Mission

Vision

The University of Wisconsin-Parkside is a dynamic learning community grounded in academic excellence and focused on student success, diversity, inclusion and community engagement. The campus will be a premier comprehensive public institution and a destination of choice, serving as a focal point of local, regional and global progress.

Mission

The University of Wisconsin-Parkside is committed to high-quality educational programs, creative and scholarly activities, and services responsive to its diverse student population, and its local, national and global communities. To fulfill this mission, the University of Wisconsin-Parkside will:

- Offer high-quality academic programs rooted in the tradition of a liberal education in the arts, sciences and professions, responsive to the occupational, civic and cultural needs of the region, and actively seek the continued input of all stakeholders.
- Generate, disseminate and apply knowledge through research, professional and creative activity that benefits communities throughout the region and the world.
- Attract and retain a diverse and multicultural population of students, faculty, and staff.
- Foster a teaching and learning community that provides opportunities for collaborative faculty, student, and staff interaction in support of excellence.
- Utilize technology creatively and effectively in courses, programs, and services.
- Prepare students to be successful in their professional, civic, and personal lives.
- Provide programs that meet the intellectual and cultural needs of people throughout their lives.
- Provide and share in cultural and intellectual activities in partnership with our local and regional communities.

The University Campus

A model of contemporary campus planning and design, UW-Parkside is situated on nearly 700 acres of woodlands and prairies in the town of Somers, between Kenosha and Racine in the southeastern corner of the state. Glass-walled corridors connect the main academic buildings and provide views of the scenic landscape that surrounds the picturesque campus.

Greenquist Hall

Greenquist Hall houses faculty offices, laboratories and classrooms. Sophisticated computer capabilities, and state-of-the-art science equipment provide students with relevant, hands-on learning opportunities. The building is named for Kenneth L. Greenquist, former Racine attorney and civic leader who, at the time of his death in 1968, served as president of the UW Board of Regents.

Molinaro Hall

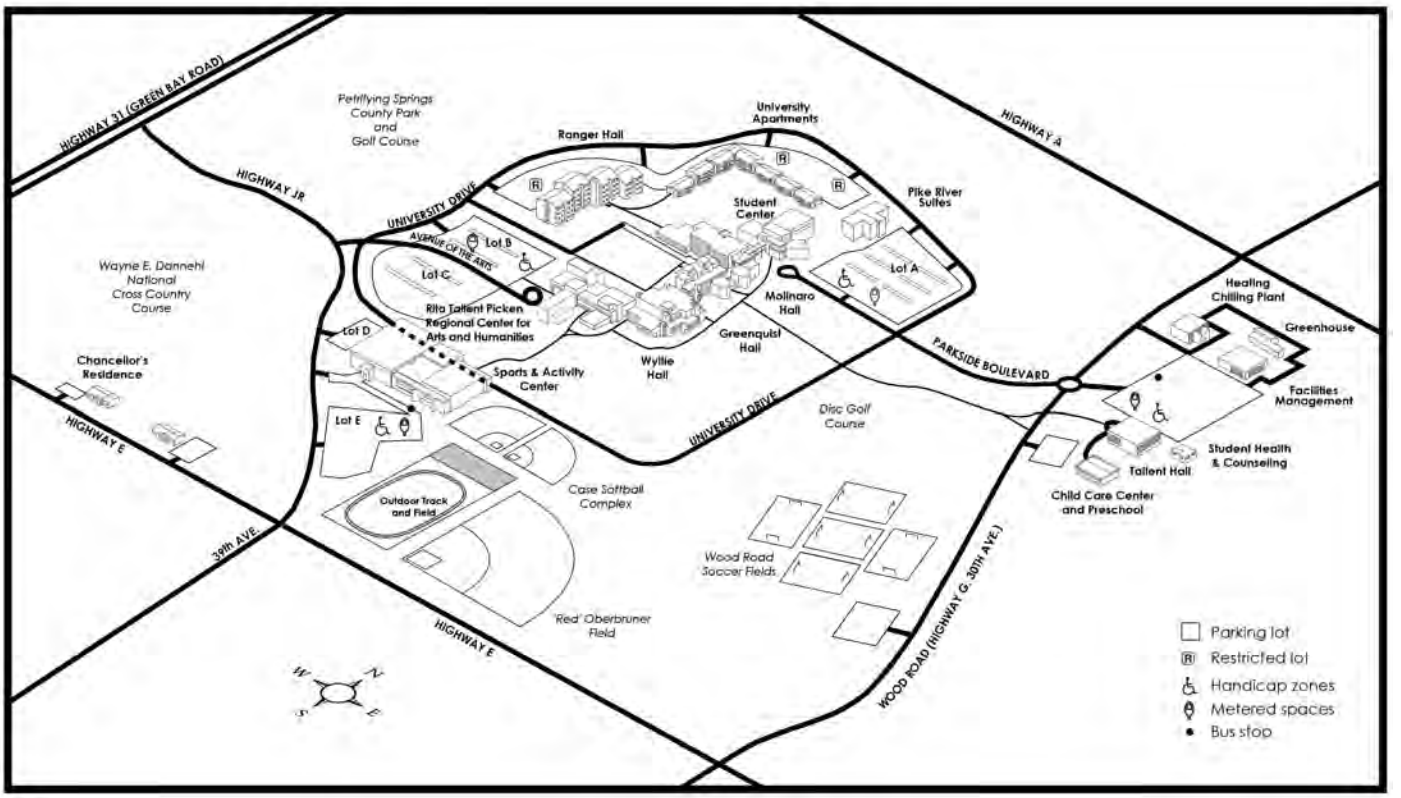
Molinaro Hall is named for the late George Molinaro, longtime Kenosha civic leader and state representative who introduced the 1965 legislation to establish UW-Parkside. The building provides offices for the College of Business, Economics, and Computing and a number of liberal arts faculty, as well as laboratories, and classrooms. It was also part of the Rita Tallent Picken Regional Center for Arts and Humanities expansion project. More than 6,000 square feet of space was remodeled for ceramics and sculpture art studios.

Rita Tallent Picken Regional Center for Arts and Humanities

The Rita Tallent Picken Regional Center for Arts and Humanities, known as The Rita, is a combination of new and existing space. A major expansion and remodeling project added more than 72,000 square feet to the original 107,000-square-foot Communication Arts Building. The Rita features:

- The 340-seat Frances E. Bedford Concert Hall
- A 120-seat "black box" studio theatre for smaller theatre productions
- Galleries for both professional and student art exhibitions
- Instructional studios for music, theatre arts and 2-D art programs
- Expanded and upgraded general classrooms
- Modern languages laboratory

Campus Technology Services, providing computer services including the help desk, test scoring and course evaluations, desktop support, and infrastructure services, is located here. The Learning Technology Center (LTC), also on the D1 level, is responsible for audio, visual and computer equipment checkout for classroom use, and installing and maintaining equipment located in lecture halls and classrooms. LTC also houses and supports a distance education conference room and a computer-based training room.



Sports & Activity Center
The Sports & Activity Center includes an indoor track and space for competition, practices and training in the Frank J. Petretti Fieldhouse. The Wellness Center and the Exercise Science Lab in Carmelo D. Tenuta Hall include state-of-the-art fitness equipment. The Alfred S. and Bernice De Simone Gymnasium has a seating capacity of 2,200 and is used for athletic events and commencement. The Sports & Activity Center also features a newly remodeled Strength and Conditioning Center, and an eight-lane swimming pool.

Outdoors is an all-weather 400-meter track, the Wood Road soccer fields, the Red Oberbruner Baseball Field, and the Case Softball Complex. The Wayne E. Dannehl National Cross Country Course, considered the finest natural course in the nation, is the site of many championship events.

Student Center
The Student Center describes what the building is all about. It's a great place to eat, relax, hang out or grab a latte. But it's also the place where you'll find the University Bookstore, Admissions, New Student Services, the Student Involvement Center, Student Activities, Student Life, WIPZ radio, the Ranger News student e-newspaper, Parkside Student Government, Educator's Credit Union, and meeting rooms for student clubs and organizations.

The Student Center Cinema features first-run movies and the popular Foreign Film Series. The Den is where the action is: live entertainment, dances, concerts, pool tables and video games. And it's the spot for a great late-night pizza.

The Brickstone Grill and Eatery is completely new and has the widest variety of food selections. For fresh-from-the-oven gourmet pizza – try the Fiery Hearth. Other stations include Café Creations, Down Home, Sizzles, and the Breadbox. Whether it's home cooking ... salads ... burgers ... or just a snack, The Brick is the place. Encore proudly brews Starbucks® coffees and offers a variety of specialty drinks ... espresso, cappuccino, café mocha, café latte ... it's also a great spot for bakery treats and grab-and-go items. Both Brickstone and Encore are located on the D1 level of the Student Center.

Student Health & Counseling Center
The Student Health & Counseling Center provides quality care for the physical, emotional, and mental health care needs of the students. This is accomplished by providing comprehensive intervention and preventive health education that contributes to the achievement of academic success. The center is staffed by counselors, nurse practitioners, certified alcohol and other drug counselors, a registered nurse, a consulting psychiatrist, and collaborating physician. There is no charge for counseling sessions or health care visits however minimal fees are charged for lab tests, immunizations, medication, and supplies. Walk in times are available, but appointments for counseling services and selected health visits are needed. The center is located in the building adjacent to Tallent Hall.

Tallent Hall
Named for the late Bernard Tallent, dean of the former UW Center in Kenosha, Tallent Hall houses Business Services, Human Resources, the UW-Parkside Police and Public Safety Department, the Center for Community Partnerships, and the UW-Parkside/UW-Milwaukee Consortial Nursing Program.

Wyllie Hall
The building is named for the late Irvin G. Wyllie, the university's founding chancellor, who guided the new university through

construction and its early years. Its striking three-story atrium design has attracted national acclaim. Main Place, a multi-level area in the atrium, features study and meeting areas and an entrance to the Library. Key administrative offices, including the Chancellor's Office, overlook this atrium.

Through a comprehensive and current resource collection combined with innovative services, the Library promotes and supports study and research among university and community users. Librarians serve as liaisons to academic departments and offer tailored library instruction in classes as well as individual research consultation. Multifaceted modes of reference make librarians available across boundaries of time and distance.

The Llibrary provides a comfortable, user-centered environment, responsive to varied study styles of individuals and groups, with laptops and tablets available for check-out. A new "Art in the Library" program showcases artwork by members of the university community.

The Library delivers access to resources in many formats: print monographs, an extensive collection of citation and full-text databases, scholarly journals, e-books, music and films. To provide materials beyond its collection, the Library actively participates in resource sharing in the UW System and with many regional and national libraries.

Special Collections comprise rare books, dating from 1638, first editions, artist books, collections of works by noted local authors and presses, small press collections, and a strong collection of popular science fiction.

Administered by the Library, the University Archives preserves university records of historical or administrative importance, as well as manuscript collections relevant to the university or local area for use by students or any member of the university or local community.

The Area Research Center, a repository of the Wisconsin Historical Society, forms part of a network of 14 centers in the state that share primary historical resources. It holds public records and manuscript collections of Racine and Kenosha counties, and manuscript collections featuring private records, correspondence and papers from people, organizations and businesses. Collections include the federal and state censuses of Wisconsin and pre-1907 vital records from Kenosha and Racine counties.

Managed by Campus Technology Services and located on the D1 level of Wyllie Hall are computer lab and classrooms, featuring Windows and Macintosh systems. The Learning Technology Center (LTC), also on the D1 level, is responsible for audio, visual and computer equipment checkout for classroom use, and installing and maintaining equipment located in lecture halls and classrooms. LTC also houses and supports a distance education conference room and a computer-based training room. As part of the Regional Center for the Arts and Humanities expansion project, more than 2,000 square feet of space has been remodeled for use as the Digital Arts and Animation Center.

Creative Services is located on the D2 level. Creative Services provides digital color and black-and-white printing, photocopying, graphic-design for web and print, and large-format digital color printing.

In addition, Wyllie Hall houses the Advising and Career Center, and the Volunteer Program; the Registrar's Office/Student Records, Cashier's, and Financial Aid and Scholarships offices; the Office of Educational Support Services; the Office of Multicultural Student Affairs; the Tutoring Center; University Relations and Advancement, and Grants and Institutional Research.

Residence Halls

Located in close proximity to the Student Center, three residence halls accommodate more than 1,000 students.

Ranger Hall, a traditional-style, 401-bed facility opened in 1997.

The University Apartments opened in 1986 and houses 371 students in apartments for up to seven persons.

Pike River Suites, a suite-style residence hall with a capacity of 250 students opened in 2009.

Accommodations in each residence hall can be made for students with disabilities.

Parking

Unlike many urban university campuses where convenient parking is always at a premium, there is ample parking at UW-Parkside for students, faculty, staff and visitors with the proper permit.

Major parking lots are located near Tallent Hall (lot T), the Student Center (lot A*), the Rita Tallent Picken Regional Center for Arts and Humanities (lots B* and C) and the Sports & Activity Center (lots D and E*).

* Lots A, B, and E have metered spaces for visitors. For longer-term parking, daily parking permits can be purchased from the UW-Parkside Police and Public Safety Department, 188 Tallent Hall.

Parking spaces reserved for persons with disabilities can be found in all UW-Parkside lots.

For parking lot and building location, please refer to the campus map on page 8 of this catalog.

In addition to convenient parking within easy walking distance of most buildings, a UW-Parkside campus shuttle operates Monday through Friday while classes are in session. Visit the UW-Parkside Police and Public Safety web page for shuttle schedules.

Directions to Campus

From Milwaukee
Interstate 94 south to Highway E in Kenosha County. East 5 miles.

From Chicago
I-94 north to Highway E in Kenosha County. East 5 miles.

From Madison
I-94 to Milwaukee, I-894 bypass (Chicago exit), I-94 south to Highway E in Kenosha County. East 5 miles.

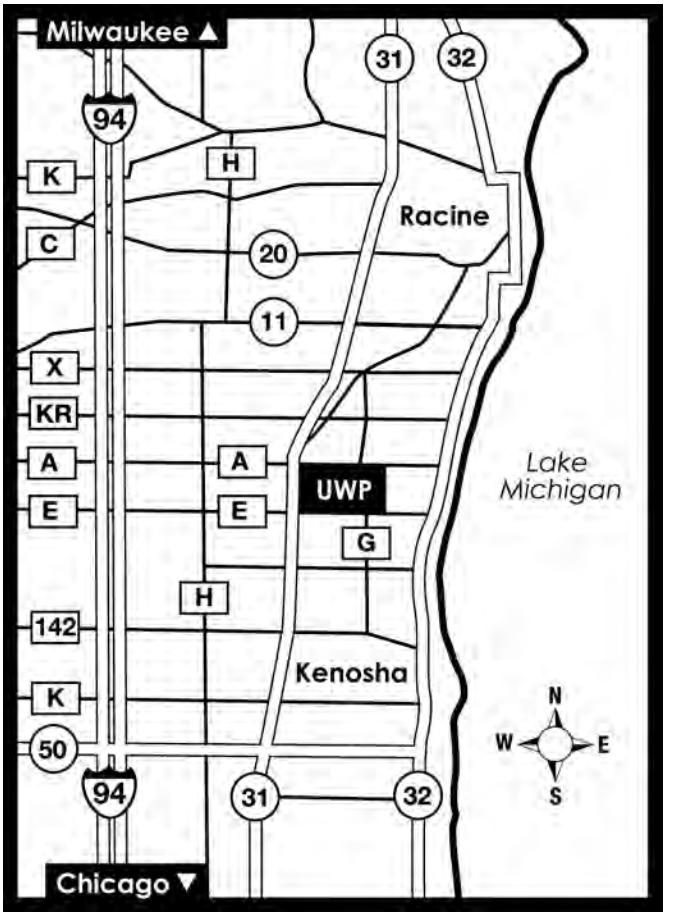
From Kenosha
Access from 30th Avenue (Wood Road), 22nd Avenue, Sheridan Road (Highway 32), and Highway 31.

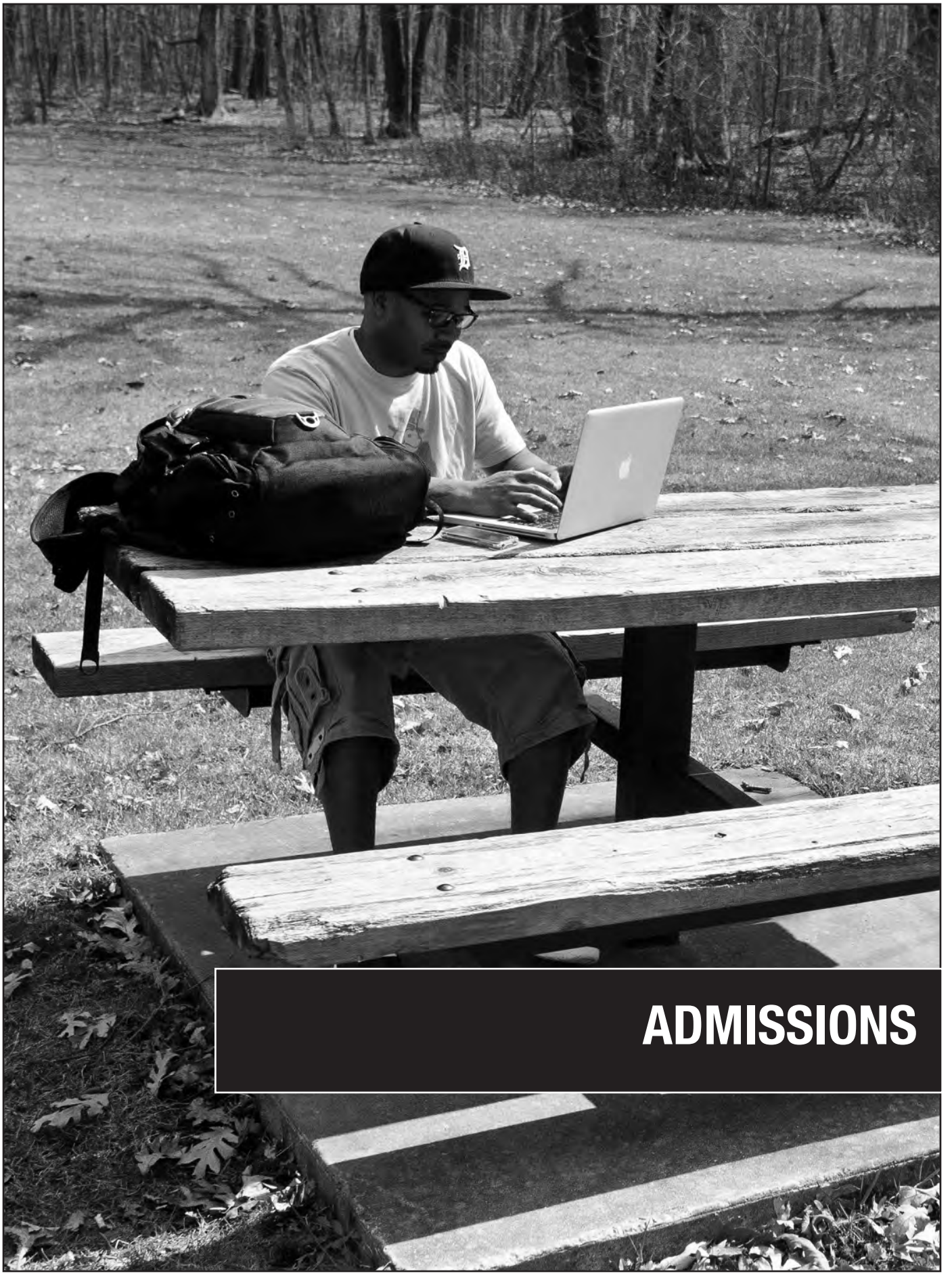
From Racine
Access from Highway 31, Highway 32, and Meachem Road (Highway Y).

Bus Service
The Kenosha Transit bus system services the campus. For schedules and route information, call 262-653-4287. The UW-Parkside shuttle bus connects with Racine's Belle Urban System (BUS).

UW-Parkside is linked to major regional and international transportation via Wisconsin Coach Lines/Coach USA Milwaukee with stops at the Tallent Hall parking lot bus shelter.

For bus schedules and fares visit the UW-Parkside Police and Public Safety web page.





ADMISSIONS

ADMISSIONS

Student Center D105 • 262-595-2355

The Office of Admissions and New Student Services provides admission counseling and support for prospective students along with admissions application processing and coordination of residency appeals.

Degree-Seeking Status

Degree-seeking students are those expecting to complete requirements for a degree or second degree. To be accepted as degree-seeking, students must meet the appropriate admission requirements in effect at the time they complete the application.

Students are subject to the general education requirements in effect at the time they are accepted as a degree-seeking student. Students' specific program requirements (major, minor, certificate, concentration) are determined by the date their program declarations are accepted by the appropriate department. Determination of freshman, sophomore, junior, or senior classification will be made on the basis of the combined total of credits earned toward graduation at UW-Parkside and credits accepted in transfer:

Class	Credits
Freshman	24 or fewer
Sophomore	25 to 53
Junior	54 to 83
Senior	84 or more

Admission Requirements

New Freshmen

To be considered for admission as degree-seeking candidates, applicants must submit the University of Wisconsin System Application, the required application fee, and official transcripts from high school (or the equivalent). In addition, all applicants under 21 years of age on September 1 of the academic year in which they plan to enroll must also submit ACT or SAT scores.

Freshman applicants must demonstrate that they are prepared to do satisfactory academic work and, that as members of the campus community, they will benefit from and enrich the educational environment and the quality of UW-Parkside. Academic factors will continue to be of primary importance in the comprehensive review. These factors include, but are not limited to, the quality and rigor of the high school course work, grade point average, class rank, and trend in grades. ACT/SAT scores will be used to provide additional insight about an applicant's academic qualifications.

In addition to the academic background and qualifications of applicants, nonacademic factors will also be considered. These factors may include but are not limited to, student experiences, work experience, leadership qualities, motivation, community service, special talents, status as a veteran of the U.S. military, whether the applicant is socio-economically disadvantaged, and whether the applicant is a member of a historically underrepresented racial or ethnic group.

Since there are no longer specific requirements to guarantee admission, and in an effort to help students plan their academic future, students likely to be admitted will rank in the upper 50th percentile of their high school class or have a minimum ACT composite score of 20 (or SAT equivalent) and complete the academic units listed below.

New freshmen must complete a minimum of 17 high school units with the following distribution:

Academic Subjects	Units
English/Speech	4 (3 units must be composition and/or literature)
Mathematics	3 (must be algebra or higher, or equivalent)
Natural Science	3 (including one lab science)
Social Science	3
Additional Electives	4 (from the above areas, foreign language and/or fine arts and computer science)

Four-Year Graduation Guarantee Plan

The University of Wisconsin-Parkside offers a four-year graduation guarantee that assures eligible entering freshmen a degree at the end of eight regular semesters.

Under the Chancellor's Four-Year Guarantee Program, students work closely with an academic adviser to carefully plan a sequence of courses in order to complete UW-Parkside's degree requirements within four years of enrollment. The program is designed to help undergraduate students enter the work force full time as soon as possible, or to pursue a graduate education, and avoid unnecessary tuition expenses.

To be eligible for the program, first-time freshmen entering UW-Parkside must express their intent to complete one major and degree program, have the necessary academic preparation to begin course work at the entry level for general

education and their chosen major, and enroll in at least 15 credits their first semester.

To remain eligible, students must complete an average of 15 credits each semester, maintain a minimum 2.00 grade point average, declare their major as soon as allowed by the academic department, develop a four-year plan with their academic adviser and meet with that adviser each semester prior to course registration. There is no penalty for students who enter the program but are unable to complete it; there is no obligation to stay in the program.

UW-Parkside provides participating students with a four-year academic plan, appropriate academic advising, and courses required for the declared major and degree. The university also provides substitutions or waivers of requirements or even free tuition or tuition reimbursement for participating students if the required courses are not available and the student is not able to graduate in four years.

For more information about the Chancellor's Four-Year Guarantee Program, contact the Advising and Career Center.

Transfer Students

Transfer students are those who enter UW-Parkside with credits earned from another accredited college, university, or college-parallel program.

Transfer students must submit the University of Wisconsin System Application for Undergraduate Admission, pay the required application fee, and provide transcripts from all high schools and all institutions of higher education previously attended. Applicants who already hold a bachelor's degree need not provide high school transcripts, unless they have completed the foreign language requirement with course work completed in high school (see the foreign language requirement in the Policies section of this catalog).

Transfer applicants are given a comprehensive review for admission consideration. Academic factors for admission include the academic rigor of the completed college courses, the earned number of college transfer credits, individual course grades and collegiate cumulative grade point average. A transfer applicant's high school academic record, including curriculum, GPA, class rank and ACT or SAT score may also be considered when less than 24 semester transfer credits have been earned at the time of application.

Nonacademic factors that may be considered include but are not limited to, leadership experience, community service, and life circumstances. Applicants are encouraged to provide documentation that supports consideration for admission.

Important information about academic policies that apply to transfer students can be found in the Policies section of this catalog.

Failure to inform UW-Parkside of attendance at any other institution of higher education may constitute grounds for disciplinary dismissal. If, after receiving complete transfer records, the university determines that the student is on academic or disciplinary suspension status at another institution of higher education, that status will be honored by UW-Parkside and the applicant's registration will be canceled.

Transfer Information System (TIS)

Transfer students can use the Transfer Information System (TIS) to find information on transferability of courses. TIS is a database that gives students information on how courses transfer within two- and four-year UW System institutions and the Wisconsin Technical College System. TIS provides course equivalencies and information on which courses meet general education requirements, as well as additional information important for transfer students. More information is available on the campus website.

The UW-Parkside/UW-Milwaukee Consortial Nursing Program has signed a program-to-program articulation agreement with Gateway Technical College. The agreement affords those students who have earned an associate degree in nursing at Gateway Technical College the opportunity to transfer credits toward the bachelor of science degree. Students wishing to take advantage of this articulation agreement should consult with the academic adviser of the nursing program.

Re-entry Students

Applicants who previously attended UW-Parkside but have not been enrolled for more than two consecutive semesters must complete a re-entry application. Students who were previously enrolled and left due to military active duty deployment are eligible to re-enroll at the university with the same academic standing as when they last attended.

In addition, students applying for re-entry must submit high school transcripts and transcripts from all institutions of higher education previously attended unless they have been provided in the past. Applicants who have been dropped for academic reasons from another institution since last attending UW-Parkside are not eligible to return to the university. Under extraordinary circumstances the Office of Admissions will consider appeals.

Applicants seeking re-entry after having served a period on academic suspension from UW-Parkside must complete a re-entry application and contact the Advising and Career Center to obtain a special permit to re-enter the university. To obtain a permit to reenter, students must demonstrate that they have improved their ability to succeed in college.

Non-Degree-Seeking Students

UW-Parkside welcomes students pursuing studies for personal or professional enrichment. Persons not pursuing a degree and those wishing only to audit courses are admitted as non-degree-seeking students. Such students must submit the University of Wisconsin System Application for Undergraduate Admission, but no application fee is required. Non-degree-seeking students are classified as special students at the graduate or undergraduate level and are not eligible to receive financial aid.

A non-degree-seeking student may not enroll for more than 6 credits in a given semester without permission from the Advising and Career Center. Only the first 15 credits earned at UW-Parkside as a non-degree-seeking student may later

be applied toward an undergraduate degree. A non-degree-seeking student cannot declare a major. Academic probation and drop policies related to grade point averages and earned credits apply. Completion of appropriate placement tests is a required prerequisite to enrollment in English, mathematics, chemistry, or second-semester or higher foreign language courses.

Non-degree-seeking students who desire to be degree candidates must file a degree-seeking application and submit transcripts from all high schools and all other institutions of higher education previously attended. Students must meet the admission requirements in effect at the time they complete their files and are ready to be considered for admission as degree-seeking students.

Students are subject to the general education requirements in effect at the time they are accepted as a degree-seeking student. Students who have been granted degree-seeking status and wish to declare a major may petition to do so. Students' specific program requirements (major, minor, certificate, concentration) are determined by the date their program declarations are accepted by the appropriate department.

International Students

Students from approximately 30 countries currently attend UW-Parkside. The Office of Admissions assists international students in completing the admissions process and determines eligibility for scholarship assistance.

Admission of international students depends on scholastic achievement, English language competency, and the student's ability to secure the required financial support. To apply, students must submit the following: The University of Wisconsin System International application, official transcripts in English translation documenting completion of secondary school and attendance at all other institutions of higher education (if applicable); a check or money order payable through a United States bank to cover the required application and international student fee; and official Statements of Financial Support. Students must also arrange for the university to receive official scores showing English Language proficiency. The Test of English as a Foreign Language (TOEFL) is preferred but other acceptable tests include IELTS and the STEP test. The minimum required score on the TOEFL is a computer-based score of 197 or Internet-based score of 71; for IELTS the minimum score is a 6; and for STEP, completion of Pre-1st Grade Level. In addition, upon admission, each student is required to take a placement test to determine English proficiency prior to course placement.

Students seeking transfer credit from an international post-secondary institution will be referred to a foreign credential service. An additional fee will be charged by the evaluation service.

International students are generally required to finance their entire education. United States immigration regulations restrict almost all off-campus work and limit on-campus work to 20 hours per week.

All UW-Parkside international students are required to have health insurance. International students are automatically enrolled and billed for the International insurance program unless granted a waiver by the International Student Services Office.

Veterans

UW-Parkside is approved for the education of reservists, veterans, disabled or deceased veterans' dependents, and war orphans under programs provided by the U.S. Veterans Administration and the state of Wisconsin Department of Veterans Affairs. All veterans' benefits are coordinated by the University's Veterans Certifying Official.

To be certified for benefits, veterans enrolling for the first time must submit an Application for Educational Benefits form. Students who were receiving benefits at another school must submit a Request for Change of Place of Training form. In order to continue receiving benefits, veterans must submit a Request for Veterans' Benefits form at the beginning of each semester. Veterans interested in state of Wisconsin benefit programs must contact their county Veterans Service Office.

Federal and state financial aid regulations may require some veterans' benefits to be considered as part of a financial aid award package. Veterans who plan to receive financial aid in addition to veterans benefits must report their monthly benefit amounts to the Office of Scholarships and Financial Aid.

Opportunities for Social Security Disability Recipients and Senior Citizens

Persons receiving Social Security Disability Insurance and senior citizens aged 60 or older may audit courses without paying a fee. (See section entitled "Audit" in the Policies section of this catalog.)

High School Students

High school juniors and seniors with superior high school records may enroll as non-degree-seeking students in one or two UW-Parkside courses while working toward a high school diploma. Students must consult with their high school counselors before undertaking university work and present written permission from the appropriate high school official.

Youth Options Program

Students in Wisconsin public high schools may be eligible to take college courses for both high school and college credit and have those courses paid for by their school district. Interested students should consult their high school counselors for information about this program. Minimum qualifications for the Youth Options Program require that students must:

- Be in the junior or senior year.
- Rank in the upper 25% of their high school class.
- Have the approval from their high school.
- Submit all appropriate and official applications and documentation as approved by their high school.

Advanced Placement

Applicants who have exhibited outstanding scholarship and participated in the College Entrance Examination Board's Advanced Placement Program may be considered for advanced college placement or credit.

Placement Tests

Most newly admitted students are placed into English, reading, mathematics, and chemistry courses using current ACT sub-scores (less than three years old.) Entering students with no current ACT scores are required to take placement tests in English and mathematics. Students wanting to enroll in advanced foreign language courses must take the appropriate foreign language placement test. Students are placed into chemistry by their math placement. More information is available on the campus website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PARKSIDE

POLICIES

POLICIES

University Governance 262-595-2384

Undergraduate Degrees and Degree Requirements

The University of Wisconsin-Parkside offers the undergraduate degrees of bachelor of arts (B.A.) and bachelor of science (B.S.). The major completed determines which bachelor's degree a student receives. Special rules may apply to students completing the consortial nursing program and those who are seeking a second bachelor's degree. See sections on nursing and second bachelor's degree, respectively, for further information.

Degree Requirements

To receive a bachelor's degree from UW-Parkside students must:

1. Complete 120 credits of college work. This must include 36 credits in courses numbered 300 or above. Certain elementary courses are identified in the catalog and/or course schedule as not counting toward the 120 credits required for graduation. In addition, only the first 8 credits of physical education activity courses (100 level) may be counted toward graduation or grade point averages (GPA).
2. Earn a minimum of 30 of their final 60 credits toward their undergraduate degree at UW-Parkside. Individual departments and programs may require that certain courses must be taken at UW-Parkside. Students must complete all course work to be counted toward graduation by the end of the semester in which they graduate.
3. Attain a minimum cumulative grade point average (GPA) of 2.00 on a 4.00 scale. Some programs have higher GPA requirements. Transfer students must also have a cumulative 2.00 GPA on the combination of transfer credits accepted and credits attempted at UW-Parkside.
4. Complete an approved major program of study with the minimum major GPA as specified by the program or department. Usually, the minimum GPA is 2.00 on a 4.00 scale, but some majors require a higher GPA. Students who apply transfer credits to their majors must also meet the minimum major GPA requirement on the combination of transfer credits and UW-Parkside credits. At least 15 credits of upper level course work (courses numbered 300 or higher) must be completed at UW-Parkside. A student may not graduate with an incomplete grade in major course work if failure in that course would reduce the GPA in the major below the minimum GPA.
5. Meet UW-Parkside general university requirements.
6. Submit an application to graduate and pay the required application fee. This is the way in which students obtain institutional and departmental approval of their petition to graduate.

Application to Graduate/ Degree Summary

In order to graduate, students must submit an application to graduate to the Office of the Registrar. A one-time, non-refundable fee, which is applied toward costs associated with graduation, will be charged. Please check the Office of the Registrar's web page for details about graduation and commencement.

Students are advised to submit this request well in advance of their expected semester of graduation so they have time to adjust their degree plans, if necessary. Full-time students should request their degree summary after completing 90 credits; part-time students should request the summary when they are within about 20 credits of graduation.

The degree summary report (DARS) reflects all outstanding degree requirements, including courses still needed to complete general education requirements and academic programs for which a student has been accepted.

General University Requirements

Students seeking teacher licensure and those enrolled in the consortial nursing program are subject to a different set of requirements. These students should consult their advisers for details.

Students are subject to the requirements in effect on the date they first entered UW-Parkside as degree-seeking students, or they may choose to follow any later requirements. Students who transfer to UW-Parkside from a two-year or four-year UW System institution may choose to follow the general university requirements in effect the year they entered the previous institution.

General education, a part of every student's academic program, is intended to provide opportunities for students to develop their analytical and problem-solving skills, to develop understandings of cultures and ethnicities, to develop the skills and awareness necessary for citizens of an advanced technological society,

and to develop habits of mind that promote life-long learning, responsible actions and independent thinking. Complementary to these skills are opportunities for students to become literate in civic, cultural, aesthetic, international, and scientific and technical subject areas.

I. Skills Requirements

Reading and Writing Skills
This requirement assists students in developing effective communication through the mastery of reading and writing skills.

Students satisfy this requirement with the completion of English 101 with a grade of C-minus or better.

While some students may be exempt from the Reading and Writing Skills requirement on the basis of test scores, other students, based on test scores, may be required to complete a course or courses in reading and writing skills (e.g. ACSK 083, ACSK 090, ENGL 100) in addition to ENGL 101.

Deadlines for completion of reading and writing skills requirement:

- Students who place into ACSK 083 must successfully complete this requirement within the first 30 degree credits.
- Students who place into ACSK 090 must successfully complete this requirement within the first 30 degree credits.
- Students must complete the sequence of courses ending in ENGL 101 within the first 60 degree credits.
- Students who fail to complete these requirements within the stated deadlines may not be allowed to enroll in upper level courses until the requirement is met.

Computational Skills
This requirement assists students in developing effective basic computational skills necessary to an informed citizenry and provides support for other disciplines.

Students satisfy this requirement with the completion of MATH 111 or MATH 102 with a grade of C-minus or better.

While some students may be exempt from the Computational Skills requirement on the basis of test scores, other students, based on test scores, may be required to complete a course or courses in computational skills (e.g. ACSK 010 or ACSK 015) in addition to MATH 111 or MATH 102.

Deadlines for completion of computational skills requirement:

- Students who place into ACSK 010 or ACSK 015 must successfully complete ACSK 015 or ACSK 016 within the first 30 degree credits.
- Students must complete the sequence of courses ending in MATH 111 or MATH 102 within the first 60 degree credits.
- Students who fail to complete these requirements within the stated deadlines may not be allowed to enroll in any other upper level courses until the requirement is met.

Information Literacy
The information literacy requirement introduces students to the general organization of information sources in the Library and provides a basic understanding of how to perform an information search using both paper and electronic research formats. Students are urged to complete this requirement as soon as possible.

Deadline for Completion of Information Literacy Requirement:

- Students must complete the information literacy requirement within their first 60 degree credits.

II. General Education Requirements

The general education curriculum provides students with exposure to different disciplines and subject matter; it also provides a broad base for placing into context the concentrated and in-depth study for developing expertise in a major discipline. The curriculum consists of a minimum of 36 credits outside of the skills requirements, distributed across three distribution areas: Humanities and the Arts, Social and Behavioral, and Natural Sciences. A single course may be counted under one area only. Students are required to take 12 credit hours from each distribution area from at least three different departments/ programs in each distribution area. Courses which meet the general education requirements are so designated in the course schedule each semester. An updated list of general education courses may also be found on-line.

Students may also meet these requirements through equivalent courses at other institutions or by otherwise demonstrating comprehension equivalent to completion of such courses.

III. Foreign Language Requirement

The purpose of the foreign language requirement is to familiarize students with communication in another culture and with the cultural significance of language. This is satisfied by completing two semesters, or the equivalent of two semesters, at the college level of one foreign language.

It is strongly recommended that students complete this requirement as soon as possible upon entering the university.

The foreign language requirement can be met under any of the following circumstances:

- Students who completed a minimum of two years of one foreign language at a secondary school with a final grade of C or better (grade of C-minus is not acceptable) in the last course taken.
- Students who completed one high school unit and one college semester in the same language, provided that the college course is at least on the second-semester level.
- Students who are heritage speakers in a language taught at UW-Parkside or who have informally learned a language taught at UW-Parkside can meet the foreign

language requirement if they take the UW System placement test and place into the equivalent of the third semester (intermediate level) or above.

- Students who are heritage speakers in a language not taught at UW-Parkside or who have informally learned a language not taught at UW-Parkside can meet the foreign language requirement upon certification at the intermediate level through the American Council on the Teaching of Foreign Languages (ACTFL).
- Students who have graduated from a foreign secondary school with a curriculum taught in the language native to that country, other than English.
- International students from countries where English is not the primary language are considered to have met the foreign language requirement when they meet the required standard of English competency at the time of admission through the appropriate Test of English as a Foreign Language (TOEFL) score.

Placement Tests for Foreign Language Courses
UW-Parkside uses the UW System Foreign Language Placement Tests in French, German, and Spanish to place students into the appropriate course level of their selected foreign language. Tests are administered throughout the year.

Students who place into language courses numbered 104 (beginning level 2) or 204 (intermediate level 4) are advised to audit 103 or 203, respectively, in the fall and then take 104 or 204 in the spring. Students cannot begin language study (103 or 203) during the spring semester.

Retroactive Credits in Foreign Language
The Modern Language Placement Test is required for any UW-Parkside student who wishes to receive college credit for language competency reached in high school. Students may earn up to 16 retroactive credits, four for each of the first four semesters of language study, if: a) they completed the previous course work in a United States high school, b) they enroll in the college course into which they place, and c) they complete the course with a grade of B-minus or better. In order to be granted retroactive credit, the student must submit an application to the Office of the Registrar/Student Records at the end of the appropriate college semester.

Retroactive Credit in Foreign Language for Transfer Students
UW-Parkside will accept retroactive credit for foreign language if it was granted by another UW System institution and is documented on the student's UW System transcript. Students or advisers with questions about an individual situation should contact the chair of the Modern Languages Department. Advanced students in a foreign language should consult with an adviser in the Modern Languages Department.

IV. Ethnic Diversity Requirement

The purpose of the ethnic diversity requirement is to familiarize students with and sensitize them to differences among diverse ethnic groups. In accordance with UW System policy, students graduating from UW-Parkside are required, as part of their 120 credits, to complete a minimum of one 3-credit course dealing with issues of race and ethnicity within the United States. Courses which meet the ethnic diversity requirement may also count toward fulfillment of general education, major, or minor requirements. Courses which meet the ethnic diversity requirement are so designated in the course schedule each semester. An updated list of ethnic diversity courses may also be found online.

Transfer Students and General University Requirements

1. Transfer credit is generally awarded for college level course work completed at institutions accredited by a regional or national accrediting organization recognized by the Council for Higher Education Accreditation (CHEA). Credits may be granted for post-secondary course work at a foreign institution if the institution is recognized by the Ministry of Education or the equivalent authority who supervises tertiary education in that country. Students seeking transfer from an international post-secondary institution will be referred to a foreign credential service to determine U.S. credit equivalents for academic work completed at an institution of higher learning in another country (ECE, WES, One Earth).
2. Transfer courses which are the substantial equivalent of approved UW-Parkside general university requirements (skills, genreal education, foreign language, and ethnic diversity requirments) courses will be counted toward general education requirements.
3. Transfer students with less than 54 transferable credits will be required to meet UW-Parkside skills, general education, foreign language, and ethnic diversity requirements.
4. Transfer students with 54 or more transferable credits will be required to meet the general education requirement by categories, NOT the specific distribution by subcategories. The distribution by categories is as follows:

Humanities and the Arts	12 credits
Social and Behavioral Science	12 credits
Natural Science	12 credits

   These students must also complete UW-Parkside's skills, foreign language, and ethnic diversity requirements.
5. Students transferring to UW-Parkside from a UW System institution (the four-year universities and two-year colleges) may follow the UW-Parkside general university requirements that were in effect at the time they entered the previous institution. Transfer students should contact the Advising and Career Center for detailed information on general education requirements.
6. Transfer students with bachelor's degree from an accredited liberal arts, baccalaureate degree-granting college or university, or an associate of arts or science degree (with at least 45 transferable credits) from an accredited college parallel liberal arts program will be considered to have completed the UW-Parkside general education and skills requirements. Students must still meet the foreign language and ethnic diversity requirements.

7. Transfer students who complete 90 transferable credits (as outlined above), a bachelor's degree from an accredited liberal arts, baccalaureate degree-granting college or university, or an associate of arts or science degree (as outlined above) at another institution after enrollment at UW-Parkside are exempt from UW-Parkside general education and skills requirements only if the 90 transferable credits or the degree is awarded within one year of initial enrollment at UW-Parkside. Students must still meet the foreign language and ethnic diversity requirements.
8. Students may transfer a maximum of 72 transferable degree credits earned at a non-baccalaureate accredited liberal arts/collegiate transfer program. Occupational/technical courses may also be considered for transfer if the quality and content of the course work Is judged to be comparable to course work at UW-Parkside. UW-Parkside may accept additional credits toward the degree where appropriate. This does not alter university policies related to program completion, residency or graduation requirements.
9. College level credits completed at institutions accredited by a regional or national accrediting organization earned more than 10 years prior to admission will be accepted in transfer but may not fulfill a program or degree requirement.
10. Transfer, degree seeking student must earn a minimum of 30 of their last 60 credits at UW-Parkside toward their degree to fulfill the residency requirement. Individual departments and programs may require that certain courses be taken at UW-Parkside.
11. If a student earns transfer credits via a transfer or articulation agreement and subsequently changes his/her academic major or program, all transfer credits may be reevaluated to determine if, and how they apply to the new major or program.
12. Students may appeal any course transfer determination by contacting in writing, the UW-Parkside Transfer Credit Evaluation Coordinator. Students will be required to supply a course syllabus used during the term and year the course was completed.

Certification of Transfer Students in Skills Requirements

While transfer students are expected to complete the skills requirements within the deadlines stated in the policy, the university recognizes that transfer students may have met the reading, writing, computational, and/or information literacy skills requirements at a previous college or university. Therefore, the faculty has created guidelines for evaluating the applicability of previous course work for certification in these areas; this evaluation is completed when the student is first accepted to UW-Parkside.

Transfer students will be certified in the reading and writing competencies if they have successfully completed a course equivalent to English 101 at another college or university with a grade of C-minus or better. Students who have not completed such a course should take the English placement test to determine which course to take. Placement beyond English 101 fulfills the reading and writing competency for graduation.

Transfer students will be certified in computational skills if they have completed a course equivalent to Mathematics 111 or Mathematics 102 with a grade of C-minus or better, or passed any higher level mathematics course at a previous college or university. Students who have not completed such course work should take the mathematics placement test. Placement into Mathematics 112 or beyond on the UW-Parkside placement test fulfills the computational skills requirement for general education; however, some majors may require additional mathematics courses.

Transfer students should consult the Library staff about fulfilling the information literacy requirement.

Transfer students with 90 or more acceptable credits of multidisciplinary course work from an accredited liberal arts, baccalaureate degree-granting college or university will be considered to have completed UW-Parkside skills requirements. The same policy shall apply to transfer students holding acceptable associate degrees, provided they have completed 45 or more transferable credits.

UNDERGRADUATE POLICIES

Courses That Do Not Count Toward Graduation

Several UW-Parkside courses (e.g. those that provide developmental work in English, mathematics and reading) do not count toward graduation. The credits and grades earned in these courses are counted when computing the student's GPA and in determining how many credits the student is carrying during the semester (as for tuition charges, insurance purposes, and when checking on eligibility for financial aid and participation in athletics).

Failures or Incompletes in the Major

Students who fail required courses in their majors must retake those courses. If they wish to do so through credit obtained elsewhere, written approval from the chair of their major department must be obtained, prior to enrollment off campus in order to guarantee appropriate transfer. Students may not graduate with an incomplete in a course in their major if the course is required or if failure in that course would bring their major GPA below the minimum requirement.

Declaring a Major

Students begin with a major status of undeclared and remain so until they submit a plan declaration form to the Advising and Career Center or academic department and are accepted into the major. Thereafter, students may add, drop, or change majors, or return to undeclared status, by filing

another declaration form. Departments may deny a student's declaration of major if the student fails to meet the standards and requirements necessary for admission to the major.

Undeclared students are assigned an academic adviser from the Advising and Career Center. Students who are accepted into their major after filing their plan declaration form are assigned advisers in their major departments.

Students are encouraged to identify a major as early as possible in their academic careers. Formal declaration must be made upon completion of 60 credits.

Students who plan to enter programs with very strict requirements (e.g. art, music, biological science, business) are advised to consult with the appropriate department as early as possible.

Students are subject to the major requirements in effect at the time they are first accepted in a particular major but may meet requirements established later by submitting a change of requirement year form to the Office of the Registrar. Students are advised to contact the Advising and Career Center for more information.

Non-degree seeking students (non-matriculant) cannot declare a major or minor.

Double Major

Students earning a double major in programs taken concurrently must complete the course requirements for both major areas and all other standard degree requirements. Students wanting to earn two or more majors that lead to different degrees (bachelor of arts and bachelor of science) normally earn only one degree. Students choose which degree they wish to earn at the time they file their Application to Graduate/Degree Summary form. Students wishing to earn dual degrees, please refer to the Dual Degree policy below.

Dual Degree

Students may earn both a bachelor of arts and a bachelor of science degree by completing the graduation requirements for both degrees including a major appropriate to each degree. The student must, in meeting these requirements, complete an additional 30 credits for the second degree (for a minimum of 150 credits).

Completion After Graduation

Students may, after graduating with a bachelor's degree from UW-Parkside, complete a minor, concentration, certificate, or additional major. Students must apply for readmission to UW-Parkside and submit a plan declaration form. When all course work toward the additional major, minor, concentration or certificate has been completed, students should submit an Application to Graduate/Degree Summary form to initiate a review of the additional information. A statement will be added to the student's transcript, noting the completion of such major, minor, concentration or certificate with the date of completion.

Second Bachelor's Degree

A person who holds a bachelor's degree from another institution and who wishes to obtain a bachelor's degree from UW-Parkside is subject to all of the regulations governing transfer students. A person who has received a bachelor's degree from UW-Parkside will not be granted a second degree of the same kind (i.e. bachelor of arts or bachelor of science). See Completion After Graduation above. A person who holds one of these degrees from UW-Parkside may receive the other bachelor's degree provided that the major sought naturally leads to the other bachelor's degree and provided that the student does the following:

1. After receipt of the first degree, enrolls in UW-Parkside as a degree-seeking (matriculant) student, declares a major leading to the desired degree, and files a degree summary request indicating intent to receive the second bachelor's degree.
2. Completes an additional 30 credits of work at UW-Parkside after receipt of the first degree and satisfies all graduation requirements in effect at the time of first enrollment as a degree-seeking (matriculant) student following receipt of the first degree.
3. Completes a major leading to the degree sought, with at least 15 credits in courses numbered 300 or above completed at UW-Parkside, following receipt of the first degree. Students who return after graduation to complete only the requirements for an additional major do not earn a second bachelor's degree. See Completion After Graduation.

Credit/No-Credit Courses

Some UW-Parkside courses may be designated as credit/no-credit courses. These are courses in which the faculty has determined that assigning a regular letter grade to student performance would be inappropriate; the only grades assigned are credit (CR) for satisfactory performance or no credit (N/C) for unsatisfactory performance. Such credits are not included in calculating a student's overall GPA but are part of the student's credit load. All students enrolled in these courses receive grades of either credit or no credit.

Auditing a Course

Students have the option of auditing a course, though this means that they will not receive credit for it toward graduation, major requirements, financial aid eligibility, or credit load. For more information, see section entitled Audit in Registration Policies.

Substitutions and Waivers of Requirements

Any time a student fulfills a graduation requirement in any way other than that explicitly stated in the catalog, written approval must be submitted to Office of the Registrar. Substitutions for and waivers of major, minor, and other requirements must be approved with an executive action form, which is signed by

the director of the General Education Program (for general education requirements), by the chair of the Academic Actions Committee (for university policy), or by the appropriate faculty member, chair, and dean (for major and minor requirements). Executive action forms are available in each academic department and must be submitted to Office of the Registrar in order for the action to be official. Executive actions must be submitted by the faculty member or departmental staff member; forms submitted by students will not be accepted.

Transfer Credit for Continuing Students

With special permission, students may complete courses at other campuses and transfer them back to UW-Parkside to satisfy general university, major, or minor requirements. Permission is obtained via the Advance Approval of Proposed Transfer Credits form, which can be obtained online. The form must have accompanying documentation (course description or syllabus) and signatures as required by the type of transfer fulfillment. Students should review the document for signatures required. Once the student obtains the proper signatures, the form and documentation must be submitted to the Office of Admissions and New Student Services.

Credit by Examination

It is possible to gain university credit by passing examinations which certify that the student has acquired through other means the same knowledge as would have been expected in a college course taken for credit. UW-Parkside accepts many approved examinations from outside agencies for credit. For information on approved examinations, contact the Advising and Career Center.

General Limitations

Certain rules apply to all forms of credit by examination.

Maximum Number of Credits

UW-Parkside will grant no more than 30 credits through credit by examination.

Grades

No grades are recorded for credits granted by examination.

Limitations on Use of Credit by Examination

Credits granted by examination do not count toward residency requirements (the 30 credits a student must earn at UW-Parkside and the 15 credits in 300-400 level courses in the major a student must earn at UW-Parkside). No more than 6 credits granted by examination may be applied to any one of the distribution areas of the general education requirements. Students hoping to use credit by examination to meet the foreign language requirement should consult with the chair of the modern languages department in advance. Academic programs may list additional restrictions on the use of credit by examination in meeting their own requirements.

Challenge Examinations

Each department's faculty at UW-Parkside may designate certain courses for which credit by examination may be earned. The method of testing and the standards which must be met are determined by the department faculty; in limited cases this may include specified pre-collegiate work in lieu of examinations.

Credits Granted

The number of credits granted will be equal to the credits normally earned in the course being "challenged."

Eligibility

Challenge examinations will be given only to registered students. Students seeking credit by examination for a course which they have previously audited at UW-Parkside must be enrolled in the university at the time the examination is taken and are subject to such fee charges for the examination as are in effect.

External Programs for Credit by Examination

A number of external agencies provide examinations that may be acceptable for credit at UW-Parkside. Students interested in following this route should consult the Advising and Career Center for details. The following general policies apply:

Documentation

An official transcript, score report, or equivalent document issued by the external agency must be submitted before credit can be granted.

Approval of Credit

In the case of the College Level Examination Program (CLEP), the Advanced Placement Program (AP), and the International Baccalaureate Program (IB), a list of approved examinations, the minimum score required for credit, and the course equivalencies established for each by the appropriate department faculty is available in the Advising and Career Center. In all other cases, the appropriate department faculty will determine whether credit will satisfy: 1) specific course requirements for a major or minor; 2) elective credit for a major or minor; or 3) only general elective credit.

Advanced Placement

Students who have exhibited outstanding scholarship and participated in the College Entrance Examinations Board's (CEEB) Advanced Placement Program may be eligible for advanced placement credit. Students must submit official Advanced Placement examination reports to the Advising and Career Center. Score reports may be ordered from CEEB by phone at 888-225-5427 or by e-mail at apexams@info.collegeboard.org.

College Level Examination Program (CLEP)

The CLEP is based on the premise that some people enrolling in college have already learned some of what is taught here. They have done so through non-credit adult courses, job training, independent reading and study, and advanced high school courses. CLEP provides these individuals the opportunity to demonstrate their college-level learning by taking exams that assess knowledge and skills taught in college courses. The CLEP exams cover material taught in introductory-level courses.

UW-Parkside accepts credits for many of the CLEP general and subject examinations. Contact the Advising and Career Center at 262-595-2040 to determine which examinations are accepted.

Credit for Experiential Learning

UW-Parkside students have the opportunity to seek credit based on learning gained from experience through a rigorous portfolio and evaluation process. This process is grounded in the departmental evaluation of the portfolio, in which the student describes the learning that derives from experience.

Any UW-Parkside student who can demonstrate learning that is derived from experience equivalent to college level learning may be able to apply that learning toward degree credit. The Credit for Experiential Learning (CEL) process requires that the learning be related to specific courses or areas of study at UW-Parkside. The learning must be based on experience in employment, volunteer activities, workshop/seminar participation, and/or publications. Credit is given for learning acquired as a result of the experience(s), not for the experience itself. The required portfolio process takes time and effort.

CEL at UW-Parkside is determined through individual assessment. Academic departments use the portfolio process to decide whether a student should receive credit for experience-based learning, how much credit, and whether credit is applied toward general education, major, minor or elective courses. Academic departments determine the awarding of CEL based on their own judgment as to what level of learning is acceptable. Each course request is evaluated by a faculty member qualified in that area. It is then approved by the department chair and dean. A maximum of 30 CEL credits may be awarded to a student.

Portfolio Content

The CEL portfolio is a collection of packets, each of which includes a claim for credit for a specific course along with a written narrative and extensive documentation that supports the student's claim of college-level, experience-based learning. Faculty may interview students, require performance-based claims and/or administer examinations when additional information is needed to substantiate the request. Documentation may vary depending on the course for which a student seeks credit.

The narrative describes the learning in detail and is similar in terms of effort to a major term paper for a course. The narrative discusses the student's own experience and the subject matter's theories, concepts and corresponding literature. The student must also demonstrate ability to understand, reason about and/or explain problems, choices and/or decisions in the particular subject. The narrative must be well documented.

Documentation reflects familiarity with theories of the academic discipline that are central to the experience and supports the experiential statements in the narrative. At least one letter from a present/past direct supervisor is required. Other documentation may include certificates of workshop/seminar completion, and any other verifiable information that substantiates claims made in the narrative.

Students interested in pursuing the CEL process should study the statements on CEL Policies, CEL Procedures and the CEL Portfolio available on the university website. Interested students should make an appointment as soon as possible in the Advising and Career Center. An adviser will assist the student in assessing the appropriateness of potential claims and in garnering the necessary course information from the appropriate faculty members.

Credits for Military Service

Students who seek credits based on military course work must provide either an official AARTS Transcript or a SMART Transcript to the Office of Admissions and New Student Services.

UW-Parkside grants credit for course work completed in the armed services as recommended by the Guide to the Evaluation of Educational Experiences in the Armed Services by the American Council on Education. Credit will be granted if the guide recommends granting credit in the baccalaureate/associate degree category and if credit recommendations are parallel to courses offered at UW-Parkside. Credits granted for military courses will not count toward residency requirements for graduation and may not duplicate content for credits previously earned by any other means.

Credit is not awarded for rank or rating, or military occupational specialties. Credits granted for military course work will be treated in the same category as credit by examination; therefore, no more than 30 credits will be granted for military course work or a combination of military course work and credits earned by examination.

A student may appeal the evaluation of his or her military credits by providing the appropriate departmental faculty with a copy of the ACE description and other documentation that outlines course content.

Summary of Credit Rules

120 Credit Rule:

- A minimum of 120 credits is required for graduation.

90 Credit Rules:

- UW-Parkside will accept a maximum of 90 credits from any four-year accredited institution toward the 120 credits required for graduation.
- Degree-seeking transfer students with 90 or more transferable credits from an accredited liberal arts, baccalaureate degree-granting college or university are considered to have completed the UW-Parkside general education and skills requirements. The ethnic diversity requirement and the foreign language requirement must still be completed.

72 Credit Rule:

- UW-Parkside will accept a maximum of 72 credits from any UW college or other two-year institution with an accredited college-parallel liberal arts program.

60 Credit Rules:

- Students must complete their writing and computational skills requirements within their first 60 degree credits.

- Students must make a formal declaration of major upon completion of 60 degree credits.
- Students must complete the information literacy requirement within their first 60 degree credits.

54 Credit Rule:
- Transfer students entering UW-Parkside with junior standing (54 credits or more) will be required to meet the distribution area requirement of the general education requirements but not the specific distribution by departments/programs.

45 Credit Rules:
- Degree-seeking transfer students holding an associate of arts or science degree from an accredited college-parallel liberal arts program, with a minimum of 45 transferable credits, are exempt from UW-Parkside general education and skills requirements.
- The ethnic diversity requirement and the foreign language requirement must still be completed.

36 Credit Rule:
- Degree-seeking students must earn a minimum of 36 credits in courses numbered 300 or above.

30 Credit Rules:
- Degree-seeking students must earn a minimum of 30 of their final 60 credits at UW-Parkside toward their degree (residency requirement).
- Students must complete any required remedial course work within their first 30 degree credits.

15 Credit Rules:
- Students must complete at UW-Parkside a minimum of 15 credits in their major in courses numbered 300 or above.
- Only the first 15 credits earned at UW-Parkside by non-degree seeking students may later be applied toward undergraduate degree requirements.

9 Credit Rule:
- A minimum of nine credits in a certificate program must be taken at UW-Parkside. Individual departments and programs may require more than nine credits to be taken at UW-Parkside.

8 Credit Rule:
- No more than the first 8 credits of 1-credit physical activity courses (100 level) offered by the Health, Exercise Science, and Sport Management Department or earned in transfer can be counted toward the GPA and/or toward graduation.

Excess Credit Policy – 165 Credit Rule:
- Based on UW-System policy, all resident undergraduate students who have accumulated 165 credits (or 30 credits more than required by their degree programs, whichever is greater) will be charged a surcharge, equal to 100 percent of the regular resident tuition, on credits beyond that level. Contact the Office of the Registrar for more details. Submit any requests/appeals for exceptions to this policy in writing to the Office of the Registrar.

Residency requirements:
- Degree-seeking students must earn a minimum of 30 of their final 60 credits at UW-Parkside toward their degree.
- At least 15 credits of upper level (300 or above) major course work must be completed at UW-Parkside.
- At least half of the course work required for a minor must be completed at UW-Parkside.
- A minimum of nine credits in a certificate program must be completed at UW-Parkside.

REGISTRATION POLICIES

Academic Advising

Prior to registration for the spring and fall terms, all degree-seeking students are required to meet with their academic advisers to plan their course schedule for the following semester. UW-Parkside's web registration system (SOLAR) will not allow unadvised students to register for course work for the fall and spring semesters.

Credit Load

Undergraduate students enrolled for 12 or more credits during the fall or spring semester are considered full time. A full-time load in the summer is 6 or more credits. A full-time graduate student enrolls for 9 credits during fall or spring semester and 5 credits in summer. Whether a student is full time or part time can affect eligibility for some forms of financial aid, athletic eligibility, and insurance coverage.

Degree-seeking students may not enroll for more than 20 credits in the fall or spring semester without prior approval from the Advising and Career Center. In the summer, students must obtain permission to enroll in more than 12 credits. Generally, permission to register for heavy credit loads will not be granted unless a student has earned a GPA of at least 3.00 during a previous semester on a load of at least 14 completed credits. This policy is aimed at ensuring that students do not take on more work in a given semester than they have shown they can successfully complete. Non-degree-seeking students may not enroll for more than 6 credits without approval. Students may apply for overload permits in the Advising and Career Center.

Audit

Students may choose to audit any course at the university with the consent of the instructor, except those courses specified in the catalog or semester course schedule as not available for auditing. Audit students are expected to attend the course regularly and to meet the requirements for auditors established by the instructor, but they receive no credit in the course, are not given regular grades, and do not have such courses counted as part of their credit load for determining whether they are full-time or part-time students or whether they are eligible for financial aid, athletic eligibility, or insurance purposes. In limited enrollment courses, students taking the course for credit are given registration preference. All auditors are subject to regular student parking fees and to other Regent and UW-Parkside regulations.

The student must satisfactorily complete the course in order to have the notation AUD recorded on the transcript. An Incomplete may not be assigned to an audit course. Audited classes not completed satisfactorily will be removed from the student's transcript. After the first week of classes, written permission of the instructor is required to convert a course from credit to audit or audit to credit. A student may not convert a course from credit to audit after the fourth week of class or, in the case of a module, after one-third of the course has passed.

Students who later seek credit by examination for a course that they have audited must be enrolled in the university at the time the examination is taken and are subject to examination fee charges.

Note: The audit policy specifies that courses are open to auditors, unless otherwise specified, subject to the consent of the instructor. Thus, auditors may be excluded from a class, using the following procedures:

1. If a department faculty determines that a particular course or section is not available for any audit registration, the exclusion of auditors should be indicated as a "note" in the course schedule. Audit registrations will not be accepted in such courses or sections.
2. During the registration period, including the first week of classes, audit registrations will be accepted for courses other than those closed to auditors. If an instructor does not grant permission to one or more registered auditors to continue in a particular course (because of lack of space or other valid reason), the instructor should so notify each student, in writing, with a copy to the registrar.

When the registrar receives a copy of the notice, the student will be dropped from the class list and the appropriate refund will be given.

Adding a Course

During the first week of the semester, students may add any course for which they have met the prerequisites. During the second week, appropriate courses may be added with the written consent of the instructor (or a SOLAR permission number). Beginning the 11th day of classes, a student cannot add a course without written permission of the instructor, the department chair and the dean. The Office of the Registrar/ Student Records will determine comparable deadlines for courses less than a semester in length.

Dropping a Course

A student may drop any course during the first half of the semester. The Office of the Registrar will determine comparable deadlines for courses less than a semester in length.

Beginning with the ninth week through the 11th week of the semester, a student may request permission to drop a course only for extraordinary, non-academic reasons. Before requesting permission to drop, the student should discuss his/her circumstances with the instructor. Any such request must be submitted to the Office of the Registrar no later than the Friday of the 11th week of instruction. The Office of the Registrar will determine comparable deadlines for courses less than a semester in length. The request must include a written explanation of the circumstances.

Requests denied or received after the deadline may be reviewed by the Academic Actions Committee. Granting of requests by the Academic Actions Committee is not automatic. A student should not assume that his/her request would be granted.

An instructor may request that the registrar drop a student from a course if the student does not meet the stated prerequisites or if the student has not attended the course during the first week of classes and has not notified the instructor. The instructor must submit the request by the date specified on the administrative drop form. However, it is still the students' responsibility to make sure that they have been officially dropped from any class.

A student who never attends (or stops attending) a course in which he/she has enrolled and who does not drop the course through the appropriate office will receive a failing grade.

A student who drops a course after the fourth week of a semester will receive a transcript notation of "W." (In the case of module or summer session courses, the W notation will be applied if the drop occurs after one-third of the course period has passed.)

Fees for Dropping a Course

After the 10th day of classes, a student will be charged a $15 per credit fee for dropping classes. The Office of the Registrar will determine the comparable deadlines for courses less than a semester in length. Refer to the website for more information.

Retaken Courses

A student may retake any course. Only the most recent grade received at UW-Parkside will be used in calculating the UW-Parkside GPA. A course may be counted only once toward the 120-credit graduation requirement. A student may request that a course taken subsequently at another university be counted as a retake for a course taken previously at UW-Parkside. Such a request must be submitted to the appropriate department chair, who may then certify that such a course is equivalent to the course taken at UW-Parkside. If a course taken at another institution is accepted as a retake for a course taken at UW-Parkside, the grade and credits assigned to the course when taken at UW-Parkside will not be included in the computation of the student's UW-Parkside GPA nor total number of attempted and earned credits. The grade received from the other institution will be included in any computation of GPA on transfer credits.

Note: Retaking courses that have already been completed with a grade of D- or better may have financial aid implications. Students are encouraged to consult with a financial aid counselor.

Repeatable Courses

Repeatable courses are those that may be taken more than once for credit, such as special topics, independent studies, internships, and other selected courses. Courses that may be repeated for credit are designated as such in the course description in this catalog.

Cross-Listed Courses

Cross-listed courses are those that are offered under two or more departments and which have the same title and course description. Cross-listed courses may count toward general university requirements and/or may satisfy the requirements of two or more majors. Each cross-listed course will satisfy the same requirement as its counterpart; therefore, a student who is unable to enroll in a cross-listed course under a specific department heading may enroll in its cross listing and fulfill the same academic requirement. This rule applies to cross-listings which were in effect at the time the course was taken and applies regardless of which discipline is listed on the student's transcript.

Course Prerequisites

A prerequisite is a requirement that a student must have completed prior to enrollment in a specific course and is intended to ensure that a student has the knowledge and experience required for successful course completion. The most common prerequisite is completion of a prior course. Other prerequisites include concurrent registration (i.e. enrollment in a specific course simultaneous with another), placement examinations, and the instructor's consent. Students may enroll in any course for which they have completed the necessary prerequisites or obtained the consent of the instructor. Students who lack the prerequisites but believe they have equivalent backgrounds should consult the instructor before enrolling in a course. A student who enrolls in a course without satisfying the prerequisites and who has not consulted the instructor may be dropped from the class at the instructor's discretion. All prerequisites are listed in the catalog; the semester course schedule also lists course prerequisites as well as those required for enrollment in a particular course section.

Withdrawal from the University

A student may withdraw from the university during the first half of the semester. The Office of the Registrar will determine comparable deadlines for courses less than a semester in length. After withdrawal, no record will be kept of a student's grade in his/her courses for that semester. After the deadline, a student may request permission to withdraw only for extraordinary non-academic reasons. Please see the Advising and Career Center for current procedures.

Final Examinations

Most courses terminate in a two-hour written examination at the end of the term. During the fall and spring semesters, these examinations are scheduled during the week following the last day of classes. During the summer session, final examinations are arranged by the instructor. The final examination schedules for fall and spring are printed each semester in the course schedule. Students with work or other commitments should consult the course schedule well in advance of the final examination period so that they can arrange to take their examinations as scheduled. The time set in the course schedule for a final examination cannot be changed without special administrative authorization. Students who believe that they have examination conflicts should double-check the course schedule; if the conflict results from a change in time they should consult with their instructor and, if necessary, with the department chair.

Accommodation of Religious Observances

In accordance with Wisconsin state law 36.43, UW-Parkside provides for the reasonable accommodation of a student's sincerely held religious beliefs with regard to all examinations and other academic requirements and also provides a means by which a student can conveniently and confidentially notify an instructor of potential conflicts.

A student with a conflict between an academic requirement and a religious observance must be given an alternative means of meeting the academic requirement, subject to the following:

a. To be granted an alternative means of meeting an academic requirement, students must notify their instructors, within the first two weeks of class, of specific days or dates on which they will request relief from an academic requirement. (The instructor must treat this information as confidential.)
b. Instructors are not obligated to provide alternate arrangements for an individual before the regularly scheduled event.
c. Instructors may set reasonable limits on the total number of occurrences claimed by any one student.

Absence from classes or examinations due to religious observance does not relieve students from responsibility for any part of the course work required during the period of absence.

Students who believe they have been denied reasonable accommodation should contact the person identified by the department or academic program to hear such complaints, usually the department chair or academic program director. If the issue is not resolved at the department/program level, students may proceed to the office of the appropriate academic dean and, if it is still unresolved, to the office of the provost.

Course Numbering System

The University of Wisconsin-Parkside has adopted the following guidelines on course numbering:

010-090	Developmental courses, not for degree credit.
100-299	Level I, Lower Division (courses intended for freshmen and sophomores).
300-499	Level II, Upper Division (courses intended for juniors and seniors).
500-699	Courses that carry graduate credit but which can be paired with undergraduate courses.
700-799	Master's level graduate courses, open to graduate students only.

Table 1. Grades

Grade		Total Quality Points				
		1 cr	2 cr	3 cr	4 cr	5 cr
A	Excellent	4.00	8.00	12.00	16.00	20.00
A-		3.67	7.34	11.01	14.68	18.35
B+		3.33	6.66	9.99	13.32	16.65
B	Good	3.00	6.00	9.00	12.00	15.00
B-		2.67	5.34	8.01	10.68	13.35
C+		2.33	4.66	6.99	9.32	11.65
C	Satisfactory	2.00	4.00	6.00	8.00	10.00
C-		1.67	3.34	5.01	6.68	8.35
D+		1.33	2.66	3.99	5.32	6.65
D	Poor	1.00	2.00	3.00	4.00	5.00
D-		0.67	1.34	2.01	2.68	3.35
F	Failure	0.00	0.00	0.00	0.00	0.00

Grades

At UW-Parkside, letter grades are used, including plus (+) and minus (-) grades. Each letter grade carries a certain number of quality points per credit. A grade of B, for example, is worth three quality points per credit, so that a student receiving a B in a 3-credit course would have earned nine quality points. See Table 1 (above) for a scale of grades and points used by the university.

The following grades are assigned no grade points and are not counted when the GPA is calculated.

AUD	Audit fee paid
CR	For credit only
I	Incomplete (temporary)
IP	In progress
N/C	No credit awarded
NG	Not graded
NR	No report submitted (temporary)
RT	Retaken
S	Satisfactory (only for special circumstances)
U	Unsatisfactory (only for special circumstances)

Unusual Grades

Audit (AUD)
This grade is assigned for satisfactory performance by students who are auditing a course. In cases of unsatisfactory performance, the student may be dropped from the course by the instructor.

Credit (CR) / No Credit (N/C)
These grades designate satisfactory or unsatisfactory performance in the special credit/no-credit courses described earlier.

No Report Submitted (NR)
This temporary grade is assigned to indicate that the grade for a particular class was not reported by the grading deadline for the semester. If no grade is submitted by the instructor before the last day of classes for the next semester (summer school is not counted as a semester for this purpose) a grade of NR shall become a permanent grade of F with normal effect on the student's GPA and earned credits.

Incomplete (I)
This temporary grade is assigned to indicate that a student must complete additional work in order to earn a grade for a class. A grade of Incomplete is assigned at the discretion of the instructor, guided by the following policies:

- A grade of Incomplete may be reported for a student who has maintained a passing grade in a course until near the end of the course and who then, because of unusual and substantiated cause beyond the student's control, is unable to take or complete the final examination, or to complete some limited amount of course work. The grade of Incomplete must be accompanied by the instructor's description of the course work that has yet to be completed.
- Normally a request for an incomplete must be made by the student to the instructor prior to the final examination. However, an Incomplete may be initiated by an instructor on a student's behalf if the instructor believes there is cause to do so.
- The amount of time a student has to complete the work and remove the grade of Incomplete shall be at the discretion of the instructor. Normally that time period shall not extend beyond the last day of classes of the following semester. Summer school is not counted as a semester for purposes of removing the grade of Incomplete.
- If the Incomplete is not removed within the specified time, the Incomplete will lapse to an F at the end of the semester following the term in which the Incomplete was assigned.
- A request to change an already recorded grade to a grade of Incomplete will not be carried out unless the instructor files a Request for an Incomplete.
- A student may not graduate with an Incomplete on his/her transcript if failure in that course would make the student ineligible to graduate.

Grade Point Average (GPA)

To make it possible to compute semester and cumulative averages for grades in classes carrying various amounts of credit, each letter grade carries a certain number of quality points per credit. A grade of A for example, is worth four quality points per credit, so that a student receiving an A in a 3-credit course will have earned 12 quality points.

The GPA is calculated by dividing the total number of quality points earned by the total number of credits attempted. Grades in courses not counting toward the 120 credits required for graduation are included, but audited courses, credit/no-credit courses, and physical education courses beyond the limits listed under Degree Requirements are not. A GPA is also calculated on transfer credits and, for major and graduation requirements and commencement honors, on the combination of transfer and UW-Parkside credits. The transfer and combined GPAs do not appear on the UW-Parkside transcript.

Grade Changes

Except in the case of a demonstrated error on the part of the instructor or the Office of the Registrar, a recorded grade will not normally be changed. All grade changes require the approval of the instructor and the department chair. A grade assigned at another institution will not be deleted or changed at UW-Parkside.

Academic Forgiveness Policy

Academic forgiveness is a policy that applies to an undergraduate student with a poor academic record from earlier college or university work. The goal of this policy is to lighten the burden of poor prior performance once the student has demonstrated her/his ability to succeed academically. This process is initiated by making a formal application for academic forgiveness to the Office of the Registrar. The following requirements and stipulations apply:

1. To be eligible for academic forgiveness, a student must:
    a. be a currently enrolled degree-seeking student at UW-Parkside;
    b. have at least a 2.5 cumulative grade point average and minimum of 12 credits completed at UW-Parkside;
    c. have completed the course work five (5) or more years prior to the semester in which the application for academic forgiveness was received;
    d. not have earned a degree, including an associate degree.
2. Consequences of applying academic forgiveness:
    a. beginning with the earliest semester, only the first 30 credits of courses completed five (5) or more years ago will qualify for academic forgiveness;
    b. only courses with a grade of D+ and lower may be forgiven;
    c. the student may not choose the courses to be forgiven;
    d. the UW-Parkside cumulative and semester grade point averages will not include forgiven courses; however, all forgiven courses and the grades received will appear on the student's record;
    e. forgiven courses will not count toward major, graduation requirements or to determine graduation honors;
    f. a student may be granted academic forgiveness only once, and once granted, is irrevocable.

Grade Appeals Procedure

Sometimes a student believes that the grade received in a particular course is not consistent with his/her performance in that course. The process of appealing semester grades involves a series of steps:

1. The student shall first discuss the grade with the course instructor and attempt to resolve any differences informally. The aim of such a conference is to reach mutual understanding about the grade and the process by which it was assigned, and to correct errors, if any, in the grade. If for any reason the instructor cannot be contacted, the department chair shall designate a faculty member to act for the instructor.
2. If, after conferring with the instructor, the student still believes that the grade is inappropriate, the student may submit a claim in writing to the appropriate department chair, who shall consult with both the instructor and the student separately or together, in an effort to reach an understanding and resolution of the matter. This must be done before the end of the semester following that in which the grade is received (excluding summer session). (NOTE: If the department chair is the instructor whose grade is being appealed, the departmental executive committee shall designate another member of the departmental executive committee to assume the department chair's role in this process.) If the course in question is housed in an academic center, the center director shall assume the department chair's role prescribed for this process; the center steering committee shall assume the departmental executive committee's role. In the case of a grade given in a course housed neither in a department nor in an academic center, the student may, after conferring with the instructor, submit a claim in writing to the Academic Actions Committee.
3. If steps one or two do not resolve the problem, the department chair shall submit the student's written claim to the instructor, who shall prepare a written response. A copy of this response shall be furnished to the student by the department chair.
4. If, after receipt of the instructor's response, the student is still dissatisfied, the student shall notify the department chair of this within seven working days.
5. The department chair, in consultation with the departmental executive committee, shall appoint a grade review committee consisting of three faculty members and one student. The student member shall be recommended by the UW-Parkside Student Government.
6. The student and the instructor shall provide the review committee and each other with access to any of the student's course work in their possession. Both the student and the instructor shall be given an opportunity to appear before the committee and present evidence to support their positions. In this process, the burden of proof is upon the student, and the committee shall recommend a grade change only if clear and convincing evidence of misgrading has been presented.
7. The review committee shall decide either that the grade was appropriate and shall stand as assigned, or that the grade was inappropriate and should be changed to the grade stipulated by the review committee. The review committee shall present its decision to the department chair, who shall inform both the student and the instructor of the review committee's decision and initiate a grade change if appropriate.

8. If the student wishes to appeal the decision of the department grade review committee, the student shall submit a letter to the dean of the appropriate college or school within five working days. The dean shall then appoint an ad hoc grade review committee of three faculty from outside the department in question and one student representative recommended by the UW-Parkside Student Government. The committee shall report its decision to the dean, who shall direct a grade change, if necessary.

Academic Warning, Probation and Suspension Policy

UW-Parkside expects every student to maintain good academic standing (2.00 GPA or higher). Every student is required to maintain a minimum GPA of 2.00 for all course work taken at UW-Parkside. Every student is also expected to maintain a minimum GPA of 2.00 on all UW-Parkside coursework carried in each term, including summer sessions and winterim. Students who fail to maintain this minimum GPA will face academic probation or suspension. Every student can determine his/her academic status at the end of each term using the criteria below. Students who fail to meet the minimum requirements for good academic standing will be notified of their academic standing and status by the Provost or College Dean.

If a student is not on probation and earns a UW-Parkside term GPA lower than 2.00, the student is placed on warning.

If a student is already on warning and earns a UW-Parkside term GPA lower than 2.00, but has a UW-Parkside cumulative GPA of 2.00 or higher, the student remains on warning.

If a student is already on warning and earns a UW-Parkside term GPA lower than 2.00, and has a UW-Parkside cumulative GPA lower than 2.00, the student is placed on probation.

If a student is already on probation and earns a UW-Parkside term GPA higher than 2.25, but has a UW-Parkside cumulative GPA lower than 2.00, the student remains on probation.

If a student is already on probation and earns a UW-Parkside term GPA lower than 2.25, the student is placed on academic suspension. The student is suspended for at least one year.

Any student on probation will be automatically cleared of the probation at the end of any term when his/her:

1. UW-Parkside term GPA is 2.25 or higher; AND
2. UW-Parkside cumulative GPA is 2.00 or higher; AND
3. academic record contains no grades of Incomplete (I).

Please note that while a student's degree GPA (cumulative GPA for all UW-Parkside and transfer coursework) is not included as part of the determination of probation and suspension status, students must have a degree GPA of 2.00 or higher in order to graduate with an undergreaduate degree from UW-Parkside.

Readmission Following an Academic Suspension

Students who feel that exceptional circumstances justify a waiver of suspension may appeal their suspension to the Academic Actions Committee by the date specified in the suspension notification letter. If the student does not appeal by the date specified, the earliest opportunity that the student would be eligible for readmission would be the following semester. However, the student may initiate the appeal process during the time in which they begin serving their suspension. Information regarding the appeal process is available at the Advising and Career Center. Readmission to the university following the serving of a suspension is not automatic. Students must both request readmission from the Academic Actions Committee and apply for readmission through the Admissions Office.

Academic Honors for Undergraduate Students

For information about honors for graduate students, consult the graduate section of this catalog.

The Provost's List

The university recognizes outstanding academic performance of degree-seeking undergraduate students by publishing a Provost's List at the end of the fall and spring semesters. Students whose names appear on this list will be notified in writing, and a notation is recorded on their transcripts. The list includes all degree-seeking undergraduate students who have taken 9 credits or more and attained a semester GPA of 3.80 or higher at UW-Parkside excluding courses which do not count toward graduation. There is no Provost's List during the summer or winterim sessions.

The Dean's List

The university recognizes outstanding academic performance of degree-seeking undergraduate students by publishing a Dean's List at the end of the fall and spring semesters. Students whose names appear on the list will be notified in writing, and a notation is recorded on their transcripts. The list includes all degree-seeking undergraduate students who have taken 9 credits or more and attained a semester GPA of 3.50 or higher at UW-Parkside. There is no Dean's List during the summer or winterim sessions.

Graduation With Honors

Undergraduate students with outstanding cumulative GPAs, calculated including transfer course work, are graduated with honors. UW-Parkside uses the traditional Latin terms in recording these distinctions:

1. Cum laude (cumulative GPA of 3.50 or higher but lower than 3.70)
2. Magna cum laude (cumulative GPA of 3.70 or higher but lower than 3.90)
3. Summa cum laude (cumulative GPA of 3.90 or higher)

All courses are used in calculating the GPA for honors (courses with grades of D+ or lower that have been academically forgiven do not count toward graduation and are not calculated in the honors GPA).

Phi Eta Sigma

The university chapter of Phi Eta Sigma recognizes academic achievement by students during their first year of study. To be eligible, students must attain a GPA of 3.50 during either semester of their first year of study (transfer students may accumulate no more than 20 credits prior to the semester of eligibility) and be a full-time student (12 or more credit hours) Academic Skills course work is not included in GPA or credit load. Upon induction into this national academic honor society, members receive lifetime membership and become eligible for additional scholarships.

Transcripts

A transcript is an official record of a student's academic activity. It reflects a student's courses and grades, and it provides other academic data, such as semester and cumulative GPAs, academic status, honors a student may have earned, and degrees a student may have been awarded.

Each institution defines what makes its transcript official. At UW-Parkside, an official transcript is printed on special transcript paper, bears the registrar's signature, the university's seal, and is issued in a sealed envelope. If the envelope is opened before it is submitted to the office for which it is intended, it is no longer considered official. Some institutions and agencies will not accept a transcript as official unless it arrives from the granting institution by mail.

UW-Parkside requires that students seeking admission to the university submit official transcripts from high school and any other colleges they may have attended. Employers, graduate schools and other universities to which students are applying may require an official copy of the student's UW-Parkside transcript.

Under the Family Educational Rights and Privacy Act of 1974 as amended, the student's record is confidential and UW-Parkside will not release a student's academic transcript without proper authorization from the student.

An official transcript of a student's record is issued only by the Office of the Registrar. UW-Parkside has partnered with Credentials Solutions, Inc. to provide a fast and secure on-line transcript ordering service that is available to our students/ alumni 24 hours a day, 7 days a week.

The student can order a transcript at any time, even if there is an outstanding financial obligation to UW-Parkside, however, the request will not be processed until the obligation has been met and the related hold on the student's record is released by UW-Parkside. When a hold is on a student's record when the order is placed, they have 30 days to clear the hold or the transcript request will be purged, requiring the student to submit a new request once the hold has been removed.

Please see the Office of the Registrar webpage more information about how to order a transcript.

The Advising and Career Center

Academic advising is coordinated at UW-Parkside by the Advising and Career Center. Upon admission to the university, every degree-seeking (matriculant) student is assigned an academic adviser. An undeclared student is assigned to an academic adviser in the Advising and Career Center. A student who has declared a major is assigned to a faculty member or department adviser from the department or program. Except for the summer and winterim sessions, all degree-seeking students are required to consult with their advisers before registration. The registration system will not allow unadvised students to register for fall or spring classes. Each term, advising begins approximately two weeks prior to the registration period.

The Advising and Career Center is also the place where students may obtain credit overload permits for more than 20 credits for the fall and spring semesters or more than 12 credits for the summer term, plan declaration forms, and other academic information of all kinds.

The Advising and Career Center also offers a variety of career guidance and counseling services for students, from deciding on a major or entering or changing careers, including job search strategies, career assessments, resume writing, and interviewing.

The Advising and Career Center also serves students by assisting them in establishing internships (both paid and unpaid) and volunteer opportunities that will strengthen students' preparations for their post-graduate professional lives.

Degree Audit Reporting System (DARS)

DARS provides an automated report, which assists students in determining the courses they must complete in order to graduate. Students may access their DARS report in SOLAR at any time after they register for their first semester of courses.

Transfer course work will be applied toward general university requirements at the time transfer students are admitted; therefore, the courses immediately appear on the DARS report and apply toward general education requirements. Transfer courses are applied toward major requirements only upon the written direction of the student's major adviser or major department chair.

The DARS report is to be used as an advising tool, but it is not an official representation of the student's degree requirements until an official review for graduation is completed. This review is completed at the time the student submits the graduation application and the appropriate fee to the Office of the Registrar.

Access to Student Records

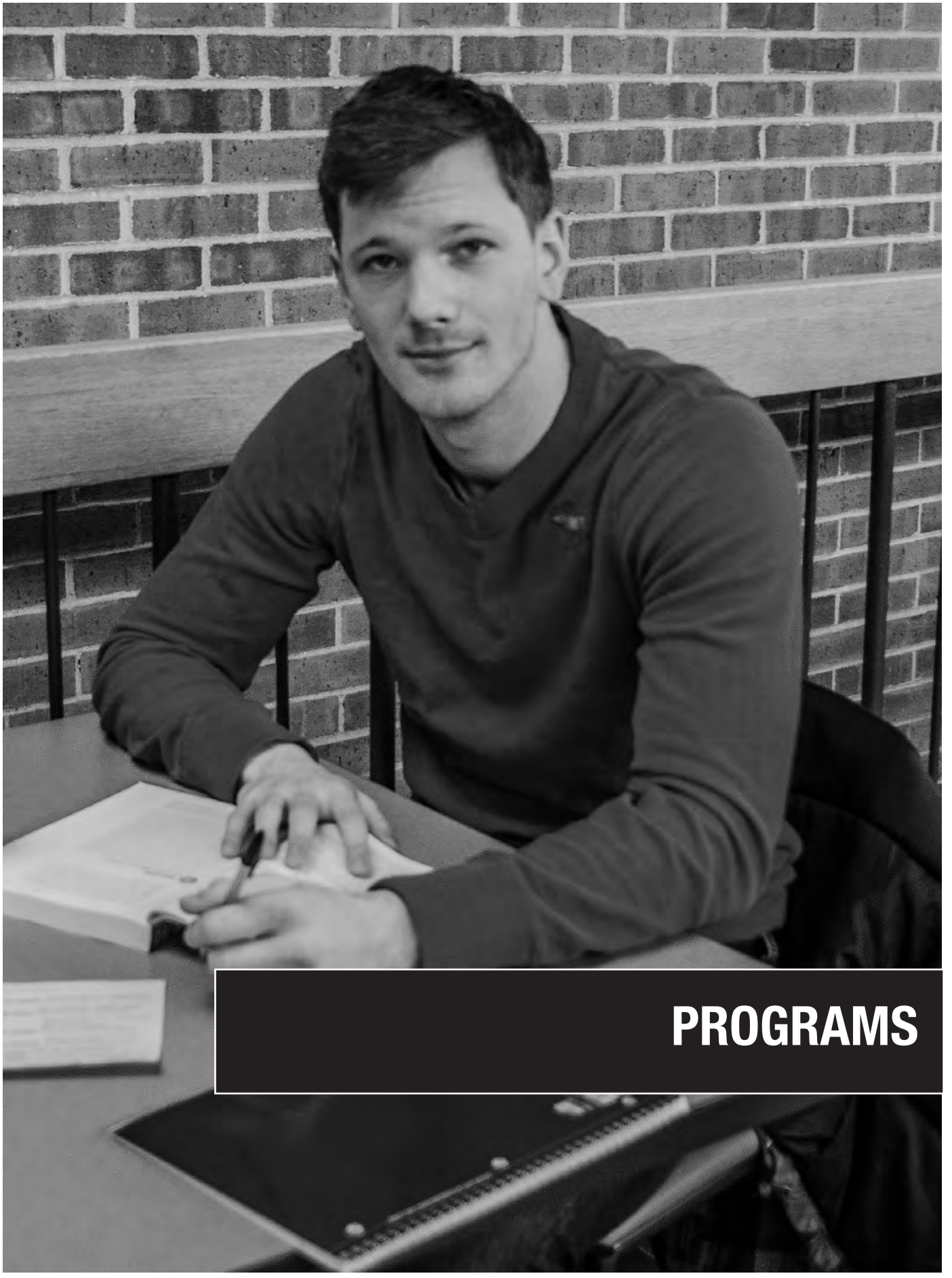
Under the Family Educational Rights and Privacy Act of 1974 (FERPA), students are entitled to review "official records, files, and data directly related to them" which the university maintains. The university has 45 days to comply with students' written requests to review their records. Students may request a hearing regarding any alleged "inaccurate, misleading, or inappropriate" information in their official

records and files. The university will not release information from students records to a third party without the student's written consent except as permitted by section 99.34, (a) (ii) of the Privacy Act. In accordance with this section, the university will forward student records when requested by a school in which the student seeks to enroll.

A challenge to information students deem erroneous or misleading should be made in writing and directed to the dean or director of the appropriate office so that a hearing can be scheduled. In most cases, the decision of the dean or director will be final. If students find the decision unsatisfactory, they may place a statement in their file setting forth any reasons for disagreeing with the decision. A student's right to challenge information of record does not extend to review of grades received unless the grade assigned by the professor was inaccurately recorded in the student's records.

In addition, the FERPA designates "directory information" data that can be published or released routinely by the university to any inquirer. Directory information items are: name; address; telephone number; date of birth; major field of study; participation in officially recognized activities and sports; weight and height of members of athletic teams; dates of attendance to include current classification, and withdrawal dates; degrees and awards received; the most recent education agency or institution attended; initial registration date and e-mail address. Any other information will not be given out without the students' specific written permission except for various legitimate educational interest or legal reasons.

Students have the right to inform the university that the above listed directory information should not be released without students' prior consent. If students wish to restrict the release of this information, they must complete and submit the appropriate form in the Office of the Registrar. These FERPA holds remain in effect until the students submit a request in writing to remove them.



PROGRAMS

PROGRAMS

University Governance 262-595-2384

Academic Programs

UW-Parkside offers approximately 35 undergraduate academic majors as well as a number of pre-professional programs; education licensure; and specialized programs such as environmental studies, sustainable management, ethnic studies and women's, gender and sexuality studies. A consortial program is offered in nursing. The university's academic programs are organized under four Colleges: Arts and Humanities; Business, Economics, and Computing; Natural and Health Sciences; and Social Sciences and Professional Studies. UW-Parkside is accredited by the Higher Learning Commission and is a member of the North Central Association. For information on UW-Parkside graduate programs see the Graduate Programs section of this catalog.

Majors and Degrees

In order to graduate, every degree-seeking student must complete a major with a minimum GPA as specified by the major department or program. Usually, this minimum major GPA is 2.00 on a 4.00 scale, but some majors require a higher GPA. Students with transfer work must also attain the minimum major GPA (2.00) on a combination of transfer credits accepted toward the major and credits attempted toward the major at UW-Parkside. At least 15 credits of upper level (300 or above) major course work must be completed at UW-Parkside. UW-Parkside offers the following majors:

- Accounting (B.S.)
- Applied Health Sciences (B.S.)
- Art (B.A.)
- Biological Sciences (B.S.)
- Business Management (B.S.)
- Chemistry (B.S.)
- Communication (B.A.)
- Computer Science (B.S.)
- Computer Science/Mathematics (B.S.)
- Criminal Justice (B.A.)
- Economics (B.A.)
- English (B.A.)
- Environmental Studies (B.S.)
- Exercise Science (B.S.)
- Geography (B.A.)
- Geosciences (B.S.)
- Graphic Design (B.A.)
- Health Information Management and Technology (B.S.)
- History (B.A.)
- International Studies (B.A.)
- Liberal Studies (B.A.)
- Mathematics (B.S.)
- Management Information Systems (B.S.)
- Molecular Biology and Bioinformatics (B.S.)
- Music (B.A.)
- Nursing (B.S.)*
- Philosophy (B.A.)
- Physics (B.S.)
- Political Science (B.A.)
- Psychology (B.S.)
- Sociology (B.A.)
- Spanish (B.A.)
- Sport Management (B.S.)
- Sustainable Management (B.S)*
- Theatre Arts (B.A.)

* Consortial program degree awarded by the participating campus

Minor Programs

UW-Parkside offers approximately 40 undergraduate minors, which consist of a formally approved program of 15 or more credits. A minor is not required for graduation.

Minors are declared, changed or removed by filing the same plan declaration form used for declaring majors. Course work in the minor must be completed with the minimum GPA as specified by the department or program under which the minor falls, usually a 2.00 on a 4.00 scale, but higher in some programs. Transfer students must attain the minimum specified GPA on a combination of transfer credits accepted toward the minor and credits attempted at UW-Parkside. At least half of the course work for the minor must be completed at UW-Parkside. UW-Parkside offers the following minors:

- Anthropology
- Asian Studies
- Biological Sciences
- Business Management
- Chemistry
- Communication
- Computer Science
- Criminal Justice
- Economics
- English
- Environmental Studies
- Ethnic Studies
- French
- Geography

- Geosciences
- German
- Global Management
- Graphic Design
- History
- Human Interaction
- International Studies
- Legal Studies
- Management Information Systems
- Mathematics
- Music
- Organizational Communication
- Philosophy
- Philosophy of Natural Science
- Physics
- Political Science
- Psychology
- Public Policy Studies
- Public Relations
- Sociology
- Spanish
- Studio Art
- Theatre Arts
- Web Development
- Women's, Gender and Sexuality Studies
- World Politics

Concentrations

A number of majors provide students with the option to pursue an area of emphasis within the major called a concentration. With the exception of applied health sciences and business management majors, concentrations are optional. Concentrations are declared, changed or removed by filing the same plan declaration form used for declaring majors. The following concentrations are offered by majors at UW-Parkside:

Applied Health Sciences
- Pre-Athletic Training
- Pre-Chiropractic
- Pre-Kinesiology
- Pre-Occupational Therapy
- Pre-Physician Assistant
- Pre-Physical Therapy

Art
- Interdisciplinary Art
- Three Dimensional Art
- Two Dimensional Art

Biological Sciences
- Pre-Health Professions

Business Management
- Finance
- General Business
- Human Resource Management
- Marketing

Chemistry
- Biochemistry

Economics
- Monetary and Financial
- Quantitative

English
- Language Arts
- Writing

Geography
- Applied Environmental Geography
- Geographic Planning

Geosciences
- Earth Science
- Environmental Geosciences

Liberal Studies
- Cinema and Film Studies
- Humanities
- Organizational Studies
- Social Science Studies
- Women's, Gender and Sexuality Studies

Music
- Jazz Studies and Performance
- Liberal Arts
- Music Education
- Music Performance
- Piano Pedagogy and Literature

Political Science
- Law

Sociology
- Anthropology

Theatre Arts
- Acting
- Design and Technology
- Direction and Management

Certificate Programs

Certificate programs are designed to develop a particular expertise or set of skills and normally consist of 9 or more credits. A minimum of 9 credits in a certificate program must be taken at UW-Parkside. Individual departments and programs may require more than 9 credits to be taken at UW-Parkside. Both degree-seeking and non-degree seeking students may pursue certificate programs. Certificate programs should not be confused with certification or licensure programs which lead to certification by an outside agency. Certificates are declared, changed, or removed by filing the same plan declaration form used for declaring majors.

Art
- Art History
- World Wide Web Publishing

Business Management
- Entrepreneurship
- Project Management
- Retail Management
- Sales

Communication
- Conflict Analysis and Resolution
- Media Literacy

Computer Science
- Cyber Security
- Mobile Development
- Unix System Administration
- World Wide Web Publishing

English
- Professional Writing
- Film Studies

Geography
- Geographic Information Systems (GIS)

Health, Exercise Science and Sport Management
- Coaching
- Exercise Science
- Sport Management

Institute for Community-Based Learning
- Community-Based Learning

International Studies
- Asian Studies
- Global Skills

Liberal Studies
- Leadership

Music
- Piano Pedagogy and Literature

Psychology
- Human Measurement and Research
- Mental Health Skills

Sociology/Anthropology
- Gerontology
- Museum Studies
- Program Evaluation

Sustainable Management
- Sustainable Enterprise Management
- Sustainable Management Science

UW-Parkside Honors Program

The Honors Program is a university-wide multidisciplinary program that encourages and rewards excellence. It provides opportunities for students to expand beyond the normal boundaries of their courses through research, special projects and community-based work. Students who complete all of the program requirements receive recognition at graduation and on their transcripts. The Honors Program has two tracks: Academic Honors and Civic Honors. To enroll in honors courses or participate in honors projects in either track, students must first be admitted to the program. Admission is granted by the program steering committee.

Pre-Professional Interests

Pre-professional interests pertain to preparation for professional study and to undergraduate interests not corresponding to UW-Parkside programs. A student may indicate one interest by submitting a plan declaration form to the department and may drop an interest or exchange interests by submitting another form. Special pre-professional advisers are assigned to pre-professional interest students. For those professions requiring an undergraduate degree prior to entry to professional school, students must also declare an academic major and any minor they plan to complete. As a result, students may be assigned to both an academic adviser and a pre-professional adviser.

Pre-Professional Programs

UW-Parkside offers special advising for students with pre-professional interests in the following areas:

- Architecture
- Athletic Training
- Chiropractic Medicine*
- Dentistry*
- Genetic Counseling*
- Health Professions*
- Kinesiology
- Law
- Medicine (M.D. and D.O.)*
- Occupational Therapy*
- Optometry*
- Pathology Assistant*
- Pharmacy*
- Physical Therapy*
- Physician Assistant*
- Podiatry*
- Veterinary Medicine*

* Because of the intensely competitive nature of the pre-health fields, students with 30 or more credits must maintain a cumulative GPA of at least 2.50 to be eligible for special advising in these interest areas. Students with GPAs below 2.50 will be counseled to re-evaluate their career plans and will be referred to the academic department of their chosen degree and/or the Advising and Career Center for advice.

Educator Development Program

Contact the Educator Development adviser for detailed and current information regarding all licensure programs, or visit our website.

Master's Degree Programs

The university offers the following graduate degree programs.

- Master of Business Administration (M.B.A.)
- Master of Science in Applied Molecular Biology (M.S.)
- Master of Science in Computer and Information Systems (M.S.)
- Master of Science in Sustainable Management (M.S.)

Additional graduate course work is offered in other fields of study. For further information on graduate programs, consult the Graduate Programs section of this catalog.

Degree Completion Programs

Evening Programs

In scheduling its programs, UW-Parkside recognizes the challenges faced by students who must work during the day. UW-Parkside offers both undergraduate and graduate degree programs which can be completed by taking only evening classes. These are not separate programs for evening students; they are part of UW-Parkside's regular curriculum and taught by the same faculty and staff.

The following majors can be completed in the evening:

Undergraduate
- Accounting
- Business Management
- Communication
- Computer Science
- Criminal Justice
- English
- Liberal Studies
- Management Information Systems
- Sociology/Anthropology (Sociology option only)

Graduate
- Business Administration
- Computer and Information Systems

In addition to providing required major courses in the evening, UW-Parkside offers courses that will satisfy the university's general education requirements.

Like other students, evening students need to plan carefully. The range of courses available during the evening hours is not as extensive as those offered during the day. UW-Parkside tries to help students formulate a degree plan by publishing a list of course offerings that have been planned for future semesters. Since changes in requirements and staff may sometimes force changes in previously published lists of proposed course offerings, students should be sure to check for changes as the lists are updated, usually when the semester course schedule appears.

Online Programs and Courses

Both the sustainable management major and health information management and technology major are collaborative, degree-completion programs that enable students with at least 60 transfer credits to receive their bachelor of science degree by attending classes online. These programs are offered jointly by UW-Parkside and other UW partners. In addition to the courses in this program, UW-Parkside is continuously creating courses in an online format to provide students flexibility toward completing their bachelor's degree.

Directed Study/ Independent Study

Directed or independent study is available for credit in many majors and minors. It consists of focused study by an individual student or small team of students under the supervision of a faculty member. The value of directed or independent study is in focusing on a well-defined topic and working closely with a member of the faculty or teaching academic staff. Directed or independent study is generally not intended for students who are near the beginning of their academic program. An agreement must be signed between the student and the faculty supervisor and approved by the department chair or program director at the start of the directed or independent study. All directed or independent studies must conclude with a completed paper, project, report, or other product. Consult each program section of this catalog for details.

Internships

Internships provide opportunities for students to develop and expand their knowledge and/or skills, gain experience in a work setting, put theory into practice, and expand awareness of potential careers. Internships often take place outside the university in a public or private-sector organization. Internships are offered for credit by most academic departments at the 400 level. Interns may be paid by the employer or may work as volunteers. An agreement must be signed between the student, the faculty supervisor, and the outside internship supervisor and approved by the department chair or program director at the start of the internship. All internships must conclude with a completed paper, project, report, or other product. Consult each program section of this catalog for details.

Air Force ROTC Program

UW-Parkside students have the opportunity to participate fully in the Air Force Reserve Officers Training Corps (AFROTC) Program. Students enrolled in the Air Force ROTC program attend AFROTC courses at Marquette University.

Through this program, UW-Parkside offers its students the opportunity to prepare for initial active duty assignments as Air Force Commissioned Officers. In order to receive a commission, AFROTC cadets must complete all university requirements for a degree and courses specified by the Air Force. AFROTC offers four-, three-, two-, and one-year programs leading to a commission as an Air Force officer. Four-year program students complete the general military course and the professional officer course, in addition to a four-week summer field-training program between their second and third years in the program. Two-year students complete only the professional officer course, but have a five-week summer field-training program before entering the professional officer course. One-year students complete a seven-week field training session.

General qualifications:

- be a full-time student;
- be a United States citizen (for scholarship appointment);

- be in good physical condition;
- be of good moral character;
- for pilot or navigator training, fulfill all commissioning requirements before age 29;
- for scholarship recipients, fulfill all commissioning requirements and be under age 31 on December 31 of the estimated year of commissioning; and
- for non-scholarship students, fulfill all commissioning requirements before age 35.

General Military Course
The first- and second-year educational program in Air Force Aerospace Studies consists of a series of one-hour courses designed to give students basic information on world military systems and the role of the U.S. Air Force in the defense of the free world. All required textbooks and uniforms are provided free. The general military course is open to all students at UW-Parkside without advance application and does not obligate students to the Air Force in any way.

Field Training
AFROTC Field Training is offered during the summer months at selected Air Force bases throughout the U.S. and provides leadership and officership training in a structured military environment. Major areas of study include physical training, drill and ceremony, marksmanship, and survival training. The Air Force pays all expenses associated with field training.

Professional Officer Course
The third and fourth years of Air Force Aerospace Studies are designed to develop skills and attitudes vital to the professional officer. Students completing the professional officer course are commissioned as officers in the U.S. Air Force upon college graduation. All students in the professional officer course receive a nontaxable subsistence allowance of $350-$400 per month during the academic year. Students wanting to enter the professional officer course should apply early in the spring semester in order to begin this course of study in the following fall semester.

Leadership Laboratory
Leadership laboratory is a cadet-centered activity. It is largely cadet planned and directed, in line with the premise that it provides leadership training experience that will improve a cadet's ability to perform as an Air Force officer. The freshman and sophomore leadership laboratory program introduces Air Force customs and courtesies, drill and ceremonies, wearing the uniform, career opportunities in the Air Force, education and training benefits, the life and work of an Air Force officer, and opportunities for field trips to Air Force installations throughout the U.S. Initial experiences include preparing the cadet for individual squadron and flight movements in drill and ceremonies and for the field training assignment prior to the junior year.

The junior and senior leadership laboratory program involves the cadets in advanced leadership experiences. Cadet responsibilities include planning and directing the activities of the cadet corps, preparing briefings and written communications, and providing interviews, guidance, information, and other services that will increase the performance and motivation of other cadets.

AFROTC College Scholarship and Scholarship Action Programs
These programs provide scholarships to selected students participating in AFROTC. While participating in AFROTC, students receive a stipend per month along with paid tuition, fees, and a fixed textbook reimbursement. To be eligible for either of these programs, students must:

- be a U.S. citizen;
- be at least 17 years of age on the date of enrollment and under 31 years of age on December 31 of the estimated year of commissioning;
- pass an Air Force physical exam;
- be selected by a board of Air Force officers;
- have no moral objections or personal convictions that prevent bearing arms and supporting and defending the Constitution of the United States against all enemies, foreign and domestic (applicants must not be conscientious objectors);
- achieve a passing score on the Air Force Officer Qualifying Test;
- maintain a quality grade point average.

High school students can apply for scholarships late in their junior year or early in their senior year. Information on Air Force ROTC and applications for Air Force scholarships is available at www.AFROTC.com. Scholarship applications will not be accepted after December 1 of the year before entering college.

For students already enrolled at UW-Parkside, one-, two-, and three-year scholarships are available. Applications are submitted directly to the Department of Aerospace Studies at Marquette University.

For more information, contact the Department of Aerospace Studies at Marquette University, (414) 288-7682.

UNDERGRADUATE PROGRAMS

ACADEMIC SKILLS PROGRAM

Keyword: *Learning Assistance*

Interim Coordinator for Developmental Composition:
Shea, M.F.A.

Interim Coordinator for Developmental Mathematics:
Karwatka, B.S.

Instructional Staff:
Karwatka, B.S.; Joshua, M.F.A.; Ramirez, M.A.; Sawasky, M.S.; Tong, M.A.; Wiesner, M.S.

Program Overview

The Academic Skills Program provides support services to students who need to improve or refresh their learning skills. Many students require comprehensive development in the areas of writing, reading, mathematics, and/or study skills. General education requirements make the Academic Skills Program courses essential for many students. ACSK A010, A015 and/or A090 may represent the most appropriate beginning level courses in English and mathematics. These courses are part of a sequence designed to help students complete the university's writing and mathematics competency requirements. Reading courses, ACSK A083 and A085, are intended to prepare students for university level reading expectations. Computer-enhanced instruction is available in the mathematics courses and offers students an alternate instructional delivery system using interactive software to complement teacher presentation and communication. Academic skills courses are not available for audit. With the exception of the following courses—ACSK 100, ACSK 105, ACSK 120 and ACSK 153—credit earned in academic skills courses does not count toward the 120 credits required for graduation.

Courses in Academic Skills (ACSK):

A010 Essential Math Skills ..... 3 cr
Prereq: None. Freq: Fall, Spring.
Review of arithmetic from whole numbers, fractions, decimals to percent. Introduction to elementary algebra including the arithmetic of integers, simple algebraic expressions and equations, and geometric forumlas and figures. This course should be followed by ACSK A015. Some sections are available using computer-enhanced instruction. Course graded on credit/no credit basis. A grade of CR is required to advance to the next level. Three hour lecture; supplemental discussion as warranted by individual student course performance.

A011 Essential Math Skills Lab ..... 2 cr
Prereq: Completion of departmentally-mandated minimal number of ACSK A010 proficiencies. Consent of instructor required. Freq: Winterim, Summer.
Designed as a Winterim/Summer opportunity for students to satisfy a limited number of incomplete proficiencies from an immediately prior Fall/Spring ACSK A010 without having to retake ACSK A010 in its entirety. Course graded on credit/no credit basis.

A015 Elementary Algebra ..... 4 cr
Prereq: ACSK A010 with a grade of C or better or a grade of CR; or ACSK A011 with a grade of CR; or appropriate placement score. Freq: Fall, Spring, Summer.
Review of basic algebra including real-number arithmetic, linear expressions and equations, linear applications, exponential and polynomial operations, polynomial factoring and equations, rational expressions and equations, linear graphing, systems of linear equations, and radicals. Some sections are available using computer-enhanced instruction. Course graded on credit/no credit basis. A grade of CR is required to proceed to the next level. Four hour lecture; supplemental discussion as warranted by individual student course performance.

A016 Elementary Algebra Lab ..... 2 cr
Prereq: Completion of departmentally-mandated minimal number of ACSK A015 proficiencies. Consent of instructor required. Freq: Winterim, Summer.
Designed as a Winterim/Summer opportunity for students to satisfy a limited number of incomplete proficiencies from an immediately prior Fall/Spring ACSK A015 without having to retake ACSK A015 in its entirety. Course graded on credit/no credit basis.

A070 Learning Strategies ..... 1 cr
Prereq: None. Freq: Fall, Spring.
Essential academic learning and study skills including academic responsibility, goal setting, time management, stress management, effective listening, note taking, textbook reading, and test taking.

A083 College Reading and Learning Strategies..... 2 cr
Prereq: None. Freq: Fall, Spring.
Builds a foundation for efficient college reading. Develops reading strategies that generalize to other university classes. Enhances students' concentration, comprehension and retention through discussion and practice. Learning outcomes includes identifying stated or implied main ideas, analyzing supporting details, paraphrasing accurately, and annotating effectively. Includes essential academic learning and study skills such as time management, enhancing memory, effective listening, note taking, test taking, and academic responsibility. Course graded on credit/no credit basis. Satisfactory completion of this course must take place in the first two semesters of enrollment.

A085 Academic Reading ..... 1 cr
Prereq: None. Freq: Fall, Spring.
Similar in content and focus to ACSK A083, but course work is completed at a faster pace. Students are expected to be more independent in their mastery of the readings. Provides extended practice in increasing reading rate while maintaining adequate comprehension. Course graded on credit/no credit basis.

A090 Composition Preparation..... 3 cr
Prereq: None. Freq: Fall, Spring.
Writing workshop, including peer review and teacher feedback on essay and term paper assignments. Process of writing approach: brainstorming, free writing, rough draft, revision, and editing. Grammar review in context. A grade of C or CR is required to proceed to the next level. Course graded on credit/no credit basis.

A091 Special Topics in Academic Skills.....1-4 cr
Prereq: Consent of instructor. Freq: Occasionally.
Selected topics in academic skills will be examined.

A092 Career Exploration and Planning ..... 2 cr
Prereq: None. Freq: Spring.
For students who need assistance with the process of choosing careers and academic majors, this course is designed to help develop abilities in self-assessment of interests, skills, values and goals, career exploration, and preparing for employment in the 21st century.

A094 Reading and Writing ..... 5 cr
Prereq: Placement into ACSK A090 (Composition Preparation) and either ACSK A083 or A085 (Reading). Freq: Occasionally.
Provides college reading strategies and structured writing experiences in various themes such as cross-cultural issues, media, environmental issues, etc.

A095 Basic Computer Skills for College..... 1 cr
Prereq: None. Freq: Fall, Spring.
For students with little or no computer experience. It includes basics of hardware management, word processing, spreadsheets, basic Powerpoint, use of the Internet for research, and an introduction to email.

100 English as a Second Language Seminar..... 3 cr
Prereq: None. Freq: Occasionally.
Designed for English as a second language students pursuing college level course work. Language instruction through topics addressing public speaking, discussions, vocabulary concepts for college thinking, and cultural adjustment. Course may be repeated; maximum of 3 credits apply toward graduation.

105 Library Skills for Research..... 1 cr
Prereq: None. Freq: Fall, Spring.
An introduction to the organization, retrieval, and evaluation of both print and electronic information resources. Students will navigate and use the resources from different areas of the library's homepages to access items linked from, but not found within, the library's specific domain. Topics include formulating search strategies and the critical evaluation of information, whether in print or online.

120 Introduction to Critical Thinking ..... 1 cr
Prereq: None. Freq: Fall, Spring, Summer.
Designed to develop students' critical thinking in combination with extended orientation and skill building to increase student success in college. Structured around a text, the course will develop critical thinking through discussions and assignments as well as improve oral presentation, project management and teamwork.

153 Critical Reading ..... 2 cr
Prereq: Completetion of ACSK A083 with a C or better; placement in ACSK A085 or above; permission of instructor. Freq: Fall, Spring, Summer.
Designed to develop students' ability to read critically. Structured around a variety of verbal, visual and written texts, students will learn to summarize and analyze informational and persuasive texts from across the disciplines to increase students' academic success as well as improve oral presentation, project management and teamwork skills.

APPLIED HEALTH SCIENCES

Greenquist 345 • 262-595-2327

Degree Offered:
Bachelor of Science.

Director:
Lewis, Ph.D.

Student Organizations:
The Applied Health Sciences Program coordinates with active student organizations that have interest in professional health careers such as the Pre-Health Club and the Biology Club.

Career Possibilities:
The applied health sciences curriculum provides students with the appropriate classes and experiences that will allow them to meet the requirements necessary to qualify for professional health programs outlined as options within the concentrations offered in the major. While the majority of graduating students are expected to pursue advanced degrees in health care and health sciences, students completing this degree will also be competitive for entry level careers in general health sciences, scientific/medical research, and fitness/health promotion.

Program Overview

The bachelor of science in applied health sciences, housed in the Center for Health Sciences (CHS), is designed to prepare students with an interdisciplinary and liberal arts foundation for professional careers within the health care systems. This major is intended primarily for qualified students who wish to pursue advanced degrees and/or careers in the professional fields of physical therapy, occupational therapy, chiropractic, physician assistant, athletic training, and kinesiology. The B.S. in applied health sciences (AHS) provides UW-Parkside students with a pre-professional major that is appropriate for health careers; and serves as a viable alternative to majors such as biological sciences, fitness management, sport management and nursing. In addition to completing the academic course work, students must earn a cumulative GPA of 2.5 to graduate with the AHS major.

Program-Level Outcomes

1. To provide UW-Parkside students with a rigorous health sciences degree that will allow them to gain admission into professional/graduate health programs.
2. To provide UW-Parkside students with a rigorous health sciences degree that will allow them to be competitive and successful in entry-level health science careers.

Steering Committee

The steering committee is chaired by the director. The current steering committee members include: Tsun-Mei Chang (CHEM), William Ebben (HESM), Bryan Lewis (BIOS), Penny Lyter (HESM), Christopher Noto (BIOS), Edward Wallen (BIOS), and Kenneth Wilka (HESM).

Internship/Fieldwork

The Applied Health Sciences Program requires that students gain experiences within their respective concentrations to complete their degree. However, students who wish to be competitive in gaining acceptance into professional programs are strongly encouraged to gain additional program-specific health care experiences.

The AHS 494 - Internship/Fieldwork in Applied Health Sciences course provides students with learning experiences within professional fields that are related to their professional career goals. These supervised experiences will require the student to gain exposure to all professional aspects of their chosen careers including, but not limited to: business operations, professional competencies and conduct, and overall work environment. Placement approval by AHS academic adviser or the CHS director is required. Students of sophomore standing or higher may register for this class multiple times in multiple semesters. One (1) credit = fifty (50) hours of experience. Students must complete a total of six (6) credits (300 hours) for completion of the major requirement. Additionally, no more than twelve (12) credits may be applied toward general graduation requirements.

Articulation Agreement

Students who choose the pre-athletic training concentration within the AHS major are eligible to qualify for an articulation agreement with the masters degree athletic training program at St. Scholastica University in Minnesota. The top two students graduating with the pre-athletic training concentration are eligible for this program. For more information, interested students should contact their AHS adviser.

Requirements for the Applied Health Sciences Major (73-105 credits)

The major in applied health sciences has a core requirement of 63-64 credits from a variety of departments relevant for pursuing careers in the various concentrations within the major. Within the major, a minimum of 15 credits in courses numbered 300 or above must be completed at UW-Parkside. Students also must be aware of and satisfy UW-Parkside's requirements for graduation in addition to the requirements for the applied health sciences major. In addition to completing the academic course work, students must earn a cumulative GPA of 2.5 to graduate with the AHS major.

Core Courses (63-64 credits)

Applied Health Science (9 credits)

AHS 101	Introduction to Applied Health Sciences	3 cr
AHS 494	Internship/Fieldwork in Applied Health Sciences (additionally, students can gain these credits through either pre-approved BIOS 494 or HESM 498)	6 cr

Biological Sciences (19 credits)

BIOS 101	Bioscience*	4 cr
BIOS 102	Organismal Biology	4 cr
BIOS 105	Human Physiology & Anatomy I**	4 cr
BIOS 106	Human Physiology & Anatomy II**	4 cr
BIOS 210	Biostatistics	3 cr

**(students may substitute BIOS 300/341 for BIOS 105/106 sequence)

Business (3 credits)

BUS 100	Introduction to Business*	3 cr

Chemistry (10 credits)

CHEM 101	General Chemistry I*	5 cr
CHEM 102	General Chemistry II	5 cr

Mathematics (5-6 credits)

MATH 114	College Algebra II with Trigonometry	5 cr
OR		
MATH 112	College Algebra II	4 cr
AND		
MATH 113	Trigonometry	2 cr

Sport and Fitness Management (17 credits)

HESM 270	Lifetime Wellness*	3 cr
HESM 280	Sport and Fitness Nutrition*	3 cr
HESM 353	Biomechanics	4 cr
HESM 354	Physiology of Exercise	4 cr
HESM 358	Sport and Fitness Psychology	3 cr

In addition to satisfying the core requirements within the applied health sciences major, students must choose a concentration based on their area of interest and continuing education. In order to obtain a concentration, students must complete all the following required course work in addition to the above stated core courses. The courses outlined in the concentrations will satisfy most of the academic requirements necessary to gain acceptance into the relevant professional programs. However, students should work closely with their applied health sciences adviser to stay abreast of any changes that occur within these requirements as they can fluctuate during any application cycle. Ultimately, it is the students' responsibility to ensure that they have satisfied the academic requirements for the specific schools and programs to which they wish to apply.

Concentrations (10-41 credits)

Pre-Athletic Training (16 credits, 79-80 credits total)

HESM 345	Prevention and Care of Athletic Injuries	3 cr
HESM 410	Fitness Assessment and Prescription	3 cr
HESM 445	Recognition & Advanced Treatment of Athletic Injuries	3 cr
PHYS 101	Principles of Physics*	4 cr
OR		
PHYS 102	Principles of Physics with Medical Applications	4 cr
PSYC 101	Introduction to Psychological Science*	3 cr

Pre-Chiropractic (21 credits, 84-85 credits total)

CHEM 321	Organic Chemistry I	4 cr
CHEM 322	Organic Chemistry II	4 cr
CHEM 323	Organic Chemistry Laboratory	3 cr
PHYS 105	College Physics I*	5 cr
PHYS 106	College Physics II	5 cr

Pre-Kinesiology (10 credits, 73-74 credits total)

BIOS 300	Functional Human Anatomy Laboratory	3 cr
BIOS 341	Mammalian Physiology (Students who choose to take the kinesiology concentration can substitute BIOS 300/341 for BIOS 105/106)	3 cr
PHYS 101	Principles of Physics*	4 cr
OR		
PHYS 102	Principles of Physics with Medical Applications	4 cr

Pre-Occupational Therapy (13 credits, 76-77 credits total)

PHYS 101	Principles of Physics*	4 cr
OR		
PHYS 102	Principles of Physics with Medical Applications	4 cr
PSYC 101	Introduction to Psychological Science*	3 cr
PSYC 210	Developmental Psychology	3 cr
PSYC 360	Abnormal Psychology	3 cr

Pre-Physician Assistant (41 credits, 104-105 credits total)

BIOS 260	General Genetics	4 cr
BIOS 303	Microbiology	4 cr

BIOS 307	Biochemical Metabolism	3 cr
BIOS 300	Functional Human Anatomy Laboratory	3 cr
BIOS 341	Mammalian Physiology (Students who choose to take the PA concentration can substitute BIOS 300/341 for BIOS 105/106)	3 cr
CHEM 321	Organic Chemistry I	4 cr
CHEM 322	Organic Chemistry II	4 cr
CHEM 323	Organic Chemistry Laboratory	3 cr
PHYS 101	Principles of Physics*	4 cr
OR		
PHYS 102	Principles of Physics with Medical Applications	4 cr
PSYC 101	Introduction to Psychological Science*	3 cr
PSYC 210	Developmental Psychology	3 cr
PSYC 360	Abnormal Psychology	3 cr

Pre-Physical Therapy (25 credits, 88-89 credits total)

BIOS 300	Functional Human Anatomy Laboratory	3 cr
BIOS 341	Mammalian Physiology (Students who choose to take the PT concentration can substitute BIOS 300/341 for BIOS 105 and BIOS 106)	3 cr
HESM 345	Prevention and Care of Athletic Injuries	3 cr
HESM 445	Therapeutic Exercise for Athletic Injuries	3 cr
PHYS 105	College Physics I*	5 cr
PHYS 106	College Physics II	5 cr
PSYC 101	Introduction to Psychological Science*	3 cr

* These courses also satisfy general education requirements at UW-Parkside.

Courses in Applied Health Sciences(AHS)

101 Introduction to Applied Health Sciences ..... 3 cr

Prereq: None. Freq: Fall, Spring.

Provides an overview of the applied health sciences major. Focuses on specific information about health career options. Covers the value and importance of service, current topics in health care, ethics in the health sciences, and cultural sensitivity within health careers. Additionally, students will gain experience in professional writing, presentation techniques, portfolio development and service learning.

494 Internship/Fieldwork ..... 1-6 cr

Prereq: AHS 101, sophomore or higher standing, and approval by AHS academic adviser or the CHS director. Freq: Fall, Spring, Summer.

Provides students with learning experiences within professional fields that are related to their professional career goals; including, but not limited to: business operations, professional competencies and conduct, and overall work environment. Requires placement approval by AHS academic adviser or the CHS director. May be repeated for credit. No more than six (6) credits can be applied toward the AHS major and no more than twelve (12) can count toward general graduation requirements.

ART

RITA/CART 285 • 262-595-2457

Degree Offered:
Bachelor of Arts.

Majors Offered:
Art, Graphic Design

Associate Professors:
Barber, M.F.A. (Chair); Baylor, M.F.A

Assistant Professors:
Swisher, M.F.A.; Trent, Ph.D.; Watters, M.F.A.

Student Organizations/Clubs:
The Art Club is the campus student organization that encourages a variety of student-directed events including a yearly student exhibit to foster a greater awareness and understanding of the visual arts.

Career Possibilities:
Graphic designer, production designer, package designer, web designer, animator, illustrator, typographer, art historian, museum or gallery professional, art conservator, arts administrator, architect, freelance artist, studio artist, and public and private school art teacher. The major also prepares students for graduate studies and careers that require creative problem solving.

Department Overview

The Art Department at the University of Wisconsin-Parkside offers bachelor of arts degrees with majors in art and graphic design. These emphasize a thorough background in the visual arts with well-rounded experiences in both two and three dimensional studies, as well as in art history and visual culture.

Art students work in well-equipped, new spacious studios with a faculty seriously committed to quality teaching as well as to production, exhibition and publication in their own areas of professional specialization. To complement the studio work, art history course offerings cover issues from prehistory to contemporary art to visual culture. Exhibits in the three modern art galleries located in the Rita Tallent Picken Regional Center for Arts and Humanities, as well as lectures and workshops by visiting exhibiting artists complement the studio and classroom experience. Upon graduation, art majors may continue professionally in quality graduate programs or enter one of many career options. There are also minors in graphic design and art as well as certificates in art history and museum studies.

Program Level Outcomes

1. Creativity: Using various art-making techniques, students create works that reveal and communicate their personal style and conceptual ideas. (Communication and Personal/Social Responsibility)
2. Visual Analysis: Students analyze and evaluate the historical, formal, and conceptual components of artwork, including their own. (Reasoned Judgment)
3. Communication: Students communicate competently in formats expected in the profession. (Communication)
4. Personal and Social Responsibility: Students are responsible and thoughtful as contributors to visual culture and as members of UW-P studio/lab/lecture areas. (Personal and Social Responsibility)

Requirements for the Art Major (47-68 credits)

The art major provides a general art experience within an easily manageable, four-year completion program or an expanded major with the addition of one concentration consisting of 19 credits. Art majors must maintain at least a 2.5 grade point average in the major to remain in the program. Art majors seeking a concentration must have an entrance and exit grade point average of 2.75 or higher in the concentration.

Core Curriculum (46-49 Credits)

A. Foundation Courses (18 credits)

These courses serve as prerequisites for most of the curriculum. Required courses:

ART 102	Introduction to Two Dimensional Design	3 cr
ART 103	Introduction to Three Dimensional Design	3 cr
ART 104	Introduction to Digital Art	3 cr
ART 122	Introduction to Drawing	3 cr
ART 125	Ancient and Medieval Art	3 cr
ART 126	Renaissance to Modern Art	3 cr

B. Developmental Drawing (3 credits)

Each course can only count toward one requirement area. Choose one course:

ART 331	Life Drawing	3 cr
ART 322	Intermediate Drawing	3 cr
ART 330	Focused Drawing Topics	3 cr

C. Two Dimensional Experience (6 credits)

Each course can only count toward one requirement area. Prerequisites apply. Choose two courses:

ART 251	Beginning Printmaking	3 cr
ART 282	Beginning Painting	3 cr
ART 288	Topics in Two Dimensional Studio Art	3 cr
ART 322	Intermediate Drawing	3 cr
ART 330	Focused Drawing Topics	3 cr
ART 331	Life Drawing	3 cr
ART 351	Intermediate Printmaking	3 cr
ART 382	Intermediate Painting	3 cr
ART 388	Intermediate Topics in Two Dimensional Studio Art	3 cr
ART 422	Advanced Drawing	3 cr
ART 430	Advanced Focused Drawing Topics	3 cr
ART 431	Figure Studio	3 cr
ART 488	Advanced Topics in Two Dimensional Studio Art	3 cr

D. Three Dimensional Experience (6 credits)

Each course can only count toward one requirement area. Prerequisites apply. Choose two courses:

ART 202	Beginning Fibers and Textiles	3 cr
ART 203	Beginning Ceramics	3 cr
ART 223	Beginning Art Metals	3 cr
ART 236	Beginning Sculpture	3 cr
ART 238	Beginning Woodworking and Furniture Design	3 cr
ART 289	Topics in Three Dimensional Studio Art	3 cr
ART 302	Intermediate Fibers and Textiles	3 cr
ART 303	Intermediate Ceramics	3 cr
ART 323	Intermediate Art Metals	3 cr
ART 336	Intermediate Sculpture	3 cr
ART 338	Intermediate Woodworking and Furniture Design	3 cr
ART 389	Intermediate Topics in Three Dimensional Studio Art	3 cr
ART 489	Advanced Topics in Three Dimensional Studio Art	3 cr

E. Graphic Design Experience (3 credits)

Choose one course:

ART 274	Typography I (Required for Graphic Design students)	3 cr
ART 287	Topics in Graphic Design	3 cr
ART 387	Topics in Graphic Design	3 cr

F. Upper Division Art History* (5-8 credits)

Choose two courses:

ART 343	Modern Art	3 cr
ART 345	Contemporary Art	3 cr
ART 385	Visual Culture	3 cr
ART 386	Field Studies in Art and Visual Culture	2 cr
ART 391	Special Topics in Art History	3 cr
ART 395	Special Topics in Art History with a Writing Emphasis	4 cr
ART/ SOCA 315	Anthropology of Non-Western Art	3 cr
ENG 358	Film Genres (history topics)	3 cr
ART 491	Special Topics in Art History	3 cr
ART 495	Special Topics in Art History with a Writing Emphasis	4 cr

* Other relevant, upper division courses that address the history of art or visual culture may be approved on a case-by-case basis by the Art History advisor.

G. Professional Practice (2 credits)

Prerequisite: Junior level standing

ART 392	Professional Practice	2 cr

H. Upper Division Elective (3 credits)

Each course can only count toward one requirement area. Prerequisites apply. Choose one course:

Two Dimensional Studio

ART 322	Intermediate Drawing	3 cr
ART 330	Focused Drawing Topics	3 cr
ART 331	Life Drawing	3 cr
ART 351	Intermediate Printmaking	3 cr
ART 382	Intermediate Painting	3 cr
ART 388	Intermediate Topics in Two Dimensional Studio Art	3 cr
ART 422	Advanced Drawing	3 cr
ART 430	Advanced Focused Drawing Topics	3 cr
ART 431	Figure Studio	3 cr
ART 451	Advanced Printmaking	3 cr
ART 482	Advanced Painting	3 cr
ART 489	Advanced Topics in Two Dimensional Studio Art	3 cr

Three Dimensional Studio

ART 302	Intermediate Fibers and Textiles	3 cr
ART 303	Intermediate Ceramics	3 cr
ART 323	Intermediate Art Metals	3 cr
ART 336	Intermediate Sculpture	3 cr
ART 338	Intermediate Woodworking and Furniture Design	3 cr
ART 389	Intermediate Topics in Three Dimensional Studio Art	3 cr
ART 402	Advanced Fibers and Textiles	3 cr
ART 403	Advanced Ceramics	3 cr
ART 423	Advanced Art Metals	3 cr
ART 436	Advanced Sculpture	3 cr
ART 438	Advanced Woodworking and Furniture Design	3 cr
ART 489	Advanced Topics in Three Dimensional Studio Art	3 cr

Graphic Design

ART 371	Digital Photography and Imaging	3 cr
ART 372	Graphic Design I	3 cr
ART 374	Typography II	3 cr
ART 387	Topics in Graphic Design	3 cr

I. Art Major Completion Options:

Students take either the Senior Critique Seminar capstone course to complete the standard 47-50 credit art major or they may choose one of three concentrations to complete

their major. Students must have at least a 2.75 grade point average in the major to pursue a concentration. To earn the concentration, the minimum 2.75 grade point average in the major must also be met.

1. Capstone (1 credit)

Prerequisite: Senior level standing

ART 497 Senior Critique Seminar ..... 1 cr

OR

2. Studio Art Concentration (19 credits)

To gain increased experience in studio art areas, students may select a concentration in either: two dimensional studio art, three dimensional studio art, or interdisciplinary art. All three concentrations consist of an additional art history course, the exhibition capstone, and an additional 12 credits of studio course work related to the chosen concentration. A minimum 2.75 GPA is required to enter and exit the concentration.

a. Two Dimensional Studio Art Concentration (19 credits)

Required Additional Upper Division Art History* (3 credits)

Each course can only count toward one requirement area. Prerequisites apply. Choose one course:

ART 343	Modern Art	3 cr
ART 345	Contemporary Art	3 cr
ART 385	Visual Culture	3 cr
ART 386	Field Studies in Art and Visual Culture	2 cr
ART 391	Special Topics in Art History	3 cr
ART 395	Special Topics in Art History with a Writing Emphasis	4 cr
ART/ SOCA 315	Anthropology of Non-Western Art	3 cr
ENG 358	Film Genres (history topics)	3 cr
ART 491	Special Topics in Art History	3 cr
ART 495	Special Topics in Art History with a Writing Emphasis	4 cr

* Other relevant, upper division courses that address the history of art or visual culture may be approved on a case-by-case basis by the art history adviser.

Two Dimensional Studio Art Courses (12 credits)

Choose four courses (three courses must be upper division):

ART 251	Beginning Printmaking	3 cr
ART 282	Beginning Painting	3 cr
ART 288	Topics in Two Dimensional Studio Art	3 cr
ART 322	Intermediate Drawing	3 cr
ART 330	Focused Drawing Topics	3 cr
ART 331	Life Drawing	3 cr
ART 351	Intermediate Printmaking	3 cr
ART 371	Digital Photography and Imaging	3 cr
ART 382	Intermediate Painting	3 cr
ART 388	Intermediate Topics in Two Dimensional Studio Art	3 cr
ART 399	Independent Study	3 cr
ART 422	Advanced Drawing	3 cr
ART 430	Advanced Focused Drawing Topics	3 cr
ART 431	Figure Studio	3 cr
ART 451	Advanced Printmaking	3 cr
ART 482	Advanced Painting	3 cr
ART 488	Advanced Topics in Two Dimensional Studio Art	3 cr
ART 499	Independent Study	3 cr

Exhibition Capstone (4 credits)

Required courses:

ART 493	Senior Studio	3 cr
ART 492	Senior Exhibition Seminar	1 cr

b. Three Dimensional Studio Art Concentration (19 credits)

Required Additional Upper Division Art History* (3 credits)

Each course can only count toward one requirement area. Prerequisites apply. Choose one course:

ART 343	Modern Art	3 cr
ART 345	Contemporary Art	3 cr
ART 385	Visual Culture	3 cr
ART 386	Field Studies in Art and Visual Culture	2 cr
ART 391	Special Topics in Art History	3 cr
ART 395	Special Topics in Art History with a Writing Emphasis	4 cr
ART/ SOCA 315	Anthropology of Non-Western Art	3 cr
ENG 358	Film Genres (history topics)	3 cr
ART 491	Special Topics in Art History	3 cr
ART 495	Special Topics in Art History with a Writing Emphasis	4 cr

* Other relevant, upper division courses that address the history of art or visual culture may be approved on a case-by-case basis by the art history adviser.

Three Dimensional Studio Art Courses (12 credits)

Choose four courses (three courses must be upper division):

ART 202	Beginning Fibers and Textiles	3 cr
ART 203	Beginning Ceramics	3 cr
ART 223	Beginning Art Metals	3 cr
ART 236	Beginning Sculpture	3 cr
ART 238	Beginning Woodworking and Furniture Design	3 cr
ART 289	Topics in Three Dimensional Studio Art	3 cr
ART 302	Intermediate Fibers and Textiles	3 cr
ART 303	Intermediate Ceramics	3 cr

ART 323	Intermediate Art Metals	3 cr
ART 336	Intermediate Sculpture	3 cr
ART 338	Intermediate Woodworking andFurniture Design	3 cr
ART 389	Intermediate Topics in Three Dimensional Studio Art	3 cr
ART 399	Independent Study	3 cr
ART 402	Advanced Fibers and Textiles	3 cr
ART 403	Advanced Ceramics	3 cr
ART 423	Advanced Art Metals	3 cr
ART 436	Advanced Sculpture	3 cr
ART 438	Advanced Woodworking and Furniture Design	3 cr
ART 489	Advance Topics in Three Dimensional Studio Art	3 cr
ART 499	Independent Study	3 cr

Exhibition Capstone (4 credits)

Required courses:

ART 492	Senior Exhibition Seminar	1 cr
ART 493	Senior Studio	3 cr

c. Interdisciplinary Concentration (19 credits)

Required Additional Upper Division Art History* (3 credits)

Each course can only count toward one requirement area. Prerequisites apply. Choose one course:

ART 343	Modern Art	3 cr
ART 345	Contemporary Art	3 cr
ART 385	Visual Culture	3 cr
ART 386	Field Studies in Art and Visual Culture	2 cr
ART 391	Special Topics in Art History	3 cr
ART 395	Special Topics in Art History with a Writing Emphasis	4 cr
ART/ SOCA 315	Anthropology of Non-Western Art	3 cr
ENG 358	Film Genres (history topics)	3 cr
ART 491	Special Topics in Art History	3 cr
ART 495	Special Topics in Art History with a Writing Emphasis	4 cr

* Other relevant, upper division courses that address the history of art or visual culture may be approved on a case-by-case basis by the art history adviser.

Interdisciplinary courses (12 credits)

Choose four courses (three courses must be upper division):

Two Dimensional

ART 251	Beginning Printmaking	3 cr
ART 282	Beginning Painting	3 cr
ART 288	Topics in Two Dimensional StudioArt	3 cr
ART 322	Intermediate Drawing	3 cr
ART 330	Focused Drawing Topics	3 cr
ART 331	Life Drawing	3 cr
ART 351	Intermediate Printmaking	3 cr
ART 371	Digital Photography and Imaging	3 cr
ART 382	Intermediate Painting	3 cr
ART 388	Intermediate Topics in Two Dimensional Studio Art	3 cr
ART 399	Independent Study	3 cr
ART 422	Advanced Drawing	3 cr
ART 430	Advanced Focused Drawing Topics	3 cr
ART 431	Figure Studio	3 cr
ART 451	Advanced Printmaking	3 cr
ART 482	Advanced Painting	3 cr
ART 488	Advanced Topics in Two Dimensional Studio Art	3 cr
ART 499	Independent Study	3 cr

Three Dimensional

ART 202	Beginning Fibers and Textiles	3 cr
ART 203	Beginning Ceramics	3 cr
ART 223	Beginning Art Metals	3 cr
ART 236	Beginning Sculpture	3 cr
ART 238	Beginning Woodworking and Furniture Design	3 cr
ART 289	Topics in Three Dimensional Studio Art	3 cr
ART 302	Intermediate Fibers and Textiles	3 cr
ART 303	Intermediate Ceramics	3 cr
ART 323	Intermediate Art Metals	3 cr
ART 336	Intermediate Sculpture	3 cr
ART 338	Intermediate Woodworking and Furniture Design	3 cr
ART 389	Intermediate Topics in Three Dimensional Studio Art	3 cr
ART 399	Independent Study	3 cr
ART 402	Advanced Fibers and Textiles	3 cr
ART 403	Advanced Ceramics	3 cr
ART 423	Advanced Art Metals	3 cr
ART 436	Advanced Sculpture	3 cr
ART 438	Advanced Woodworking and Furniture Design	3 cr
ART 489	Advance Topics in Three Dimensional Studio Art	3 cr
ART 499	Independent Study	3 cr

Exhibition Capstone (4 credits)

Required courses:

ART 493	Senior Studio	3 cr
ART 492	Senior Exhibition Seminar	1 cr

Note for students choosing the standard art major without a concentration (47-50 credits)

Students should be aware that the standard 47-50 art major has a limited number of built-in upper division courses. Without the added concentration course work, students may need to select additional upper division courses in order to meet the university's graduation requirement of 36 upper division credits for a bachelor's degree. These same students may also need to be prepared to take additional credits

toward the 120 credits required for graduation. These credits can be gained by working toward a minor or certificate or just by taking elective credits.

Requirements for the Graphic Design Major (67-70 credits)

The graphic design major includes the art core curriculum as well as courses in specialized areas pertinent to the commercial graphic design industry. In all, the major provides a holistic curriculum that offers diverse approaches to visual language. The emphasis of this curriculum is one that focuses on the designer as artist and not simply a technician. In addition, students in the major have opportunities to work with regionally-based clients within the classroom setting. This provides a sample of real-world experiences similar to those in the career field while still maintaining the mentorship of professional instructors.

All graphic design majors must maintain a minimum 2.75 grade point average in the major to remain in the program.

Core Curriculum (46-49 Credits)

A. Foundation Courses (18 credits)

These courses serve as prerequisites for most of the curriculum. Required courses:

ART 102	Introduction to Two Dimensional Design	3 cr
ART 103	Introduction to Three Dimensional Design	3 cr
ART 104	Introduction to Digital Art	3 cr
ART 122	Introduction to Drawing	3 cr
ART 125	Ancient and Medieval Art	3 cr
ART 126	Renaissance to Modern Art	3 cr

B. Developmental Drawing (3 credits)

Each course can only count toward one requirement area. Choose one course:

ART 322	Intermediate Drawing	3 cr
ART 330	Focused Drawing Topics	3 cr
ART 331	Life Drawing	3 cr

C. Two Dimensional Experience (6 credits)

Each course can only count toward one requirement area. Prerequisites apply. Choose two courses:

ART 251	Beginning Printmaking	3 cr
ART 282	Beginning Painting	3 cr
ART 288	Topics in Two Dimensional Studio Art	3 cr
ART 322	Intermediate Drawing	3 cr
ART 330	Focused Drawing Topics	3 cr
ART 331	Life Drawing	3 cr
ART 351	Intermediate Printmaking	3 cr
ART 382	Intermediate Painting	3 cr
ART 388	Intermediate Topics in Two Dimensional Studio Art	3 cr
ART 422	Advanced Drawing	3 cr
ART 430	Advanced Focused Drawing Topics	3 cr
ART 431	Figure Studio	3 cr
ART 488	Advanced Topics in Two Dimensional Studio Art	3 cr

D. Three Dimensional Experience (6 credits)

Each course can only count toward one requirement area. Prerequisites apply. Choose two courses:

ART 202	Beginning Fibers and Textiles	3 cr
ART 203	Beginning Ceramics	3 cr
ART 223	Beginning Art Metals	3 cr
ART 236	Beginning Sculpture	3 cr
ART 238	Beginning Woodworking and Furniture Design	3 cr
ART 289	Topics in Three Dimensional Studio Art	3 cr
ART 302	Intermediate Fibers and Textiles	3 cr
ART 303	Intermediate Ceramics	3 cr
ART 323	Intermediate Art Metals	3 cr
ART 336	Intermediate Sculpture	3 cr
ART 338	Intermediate Woodworking and Furniture Design	3 cr
ART 389	Intermediate Topics in Three Dimensional Studio Art	3 cr
ART 489	Advanced Topics in Three Dimensional Studio Art	3 cr

E. Graphic Design Experience (3 credits)

Required course:

ART 274	Typography I	3 cr

F. Upper Division Art History* (5-8 credits)

Choose two courses:

ART 343	Modern Art	3 cr
ART 345	Contemporary Art	3 cr
ART 385	Visual Culture	3 cr
ART 386	Field Studies in Art and Visual Culture	2 cr
ART 391	Special Topics in Art History	3 cr
ART 395	Special Topics in Art History with a Writing Emphasis	4 cr
ART/ SOCA 315	Anthropology of Non-Western Art	3 cr
ENG 358	Film Genres (history topics)	3 cr
ART 491	Special Topics in Art History	3 cr
ART 495	Special Topics in Art History with a Writing Emphasis	4 cr

* Other relevant, upper division courses that address the history of art or visual culture may be approved on a case-by-case basis by the art history adviser.

G. Professional Practice (2 credits)

Prerequisite: Junior level standing

ART 392	Professional Practice	2 cr

H. Upper Division Elective (3 credits)

Each course can only count toward one requirement area. Prerequisites apply. Choose one course:

Two Dimensional Studio

ART 322	Intermediate Drawing	3 cr
ART 330	Focused Drawing Topics	3 cr
ART 331	Life Drawing	3 cr
ART 351	Intermediate Printmaking	3 cr

ART 382	Intermediate Painting	3 cr
ART 388	Intermediate Topics in Two Dimensional Studio Art	3 cr
ART 422	Advanced Drawing	3 cr
ART 430	Advanced Focused Drawing Topics	3 cr
ART 431	Figure Studio	3 cr
ART 451	Advanced Printmaking	3 cr
ART 482	Advanced Painting	3 cr
ART 489	Advanced Topics in Two Dimensional Studio Art	3 cr

Three Dimensional Studio

ART 302	Intermediate Fibers and Textiles	3 cr
ART 303	Intermediate Ceramics	3 cr
ART 323	Intermediate Art Metals	3 cr
ART 336	Intermediate Sculpture	3 cr
ART 338	Intermediate Woodworking and Furniture Design	3 cr
ART 389	Intermediate Topics in Three Dimensional Studio Art	3 cr
ART 402	Advanced Fibers and Textiles	3 cr
ART 403	Advanced Ceramics	3 cr
ART 423	Advanced Art Metals	3 cr
ART 436	Advanced Sculpture	3 cr
ART 438	Advanced Woodworking and Furniture Design	3 cr
ART 489	Advanced Topics in Three Dimensional Studio Art	3 cr

Graphic Design

ART 371	Digital Photography and Imaging	3 cr
ART 387	Topics in Graphic Design	3 cr

I. Graphic Design Course Work (21 credits)

1. Required Graphic Design Foundations (6 Credits)

ART 372	Graphic Design I	3 cr
ART 374	Typography II	3 cr

2. Advanced Graphic and Web Design Course Work (9 Credits)

Each course can only count toward one requirement area. Prerequisites apply. Choose three courses:

ART 377	Web Design I	3 cr
ART 387	Topics in Graphic Design	3 cr
ART 472	Graphic Design II	3 cr
ART 477	Web Design II	3 cr

3. Additional Course in Design or Digital Media (3 Credits)

Each course can only count toward one requirement area. Prerequisites apply. Choose one course:

ART 287	Topics in Graphic Design	3 cr
ART 364	Digital Video	3 cr
ART 371	Digital Photography and Imaging	3 cr
ART 377	Web Design I	3 cr
ART 387	Topics in Graphic Design	3 cr
ART 399/499	Independent Study	3 cr
ART 472	Graphic Design II	3 cr
ART 477	Web Design II	3 cr
ART 494	Art Internship	3 cr
ENG 458	Studies in Film-Digital Videos	3 cr

4. Professional Seminar Capstone (3 Credits)

Each course can only count toward one requirement area. Prerequisites apply. Required course:

ART 487	Design Portfolio	3 cr

Requirements for the Studio Art Minor (21 credits)

The basic objective of the art minor is to provide students from any area of study with the opportunity for a fundamental introduction to the field of visual art. To accomplish this, the student must complete 21 credits consisting of the following courses or their equivalents:

A. Required Foundation Courses (9 credits)

ART 102	Introduction to Two Dimensional Design	3 cr
ART 103	Introduction to Three Dimensional Design	3 cr
ART 122	Introduction to Drawing	3 cr

B. Two Dimensional Experience (3 credits)

Each course can only count toward one requirement area. Prerequisites apply. Choose one course:

ART 251	Beginning Printmaking	3 cr
ART 282	Beginning Painting	3 cr
ART 288	Topics in Two Dimensional Studio Art	3 cr
ART 322	Intermediate Drawing	3 cr
ART 330	Focused Drawing Topics	3 cr
ART 331	Life Drawing	3 cr
ART 388	Intermediate Topics in Two Dimensional Studio Art	3 cr
ART 488	Advanced Topics in Two Dimensional Studio Art	3 cr

C Three Dimensional Experience (6 credits)

Each course can only count toward one requirement area. Prerequisites apply. Choose two courses:

ART 202	Beginning Fibers and Textiles	3 cr
ART 203	Beginning Ceramics	3 cr
ART 223	Beginning Art Metals	3 cr
ART 236	Beginning Sculpture	3 cr
ART 238	Beginning Woodworking and Furniture Design	3 cr

D. Art History/Appreciation (3 credits)

Each course can only count toward one requirement area. Prerequisites apply. Choose one course:

ART 100	Art Appreciation	3 cr
ART 125	Ancient and Medieval Art	3 cr
ART 126	Renaissance to Modern Art	3 cr

Requirements for the Graphic Design Minor (24 credits)

This array of courses will allow the minor an opportunity to focus on digital arts to complete their minor in art.

A. Required Foundation Courses (9 credits)

ART 102	Introduction to Two Dimensional Design	3 cr
ART 103	Introduction to Three Dimensional Design	3 cr
ART 104	Introduction to Digital Art	3 cr
ART 122	Introduction to Drawing	3 cr

B. Design Courses (12 credits)

Each course can only count toward one requirement area. Prerequisites apply. Choose four courses:

ART 274	Typography I	3 cr
ART 287	Topics in Graphic Design	3 cr
ART 372	Graphic Design I	3 cr
ART 374	Typography II	3 cr
ART 377	Web Design I	3 cr
ART 387	Topics in Graphic Design	3 cr
ART 472	Graphic Design II	3 cr
ART 477	Web Design II	3 cr

C. Art History/Appreciation (3 credits)

Each course can only count toward one requirement area. Prerequisites apply. Choose one course:

ART 100	Art Appreciation	3 cr
ART 125	Ancient and Medieval Art	3 cr
ART 126	Renaissance to Modern Art	3 cr

Requirements for the Art History Certificate (18 credits)

The art history certificate permits students to study visual culture with a distinct emphasis on how aesthetics engage fundamental issues in politics, society, and culture. Students must maintain a minimum 3.0 GPA in the following courses to receive the art history certificate.

A. Required Core Art History Courses (6 credits)

ART 125	Ancient and Medieval Art	3 cr
ART 126	Renaissance to Modern Art	3 cr

B. Art History Electives* (12 credits)

Each course can only count toward one requirement area. Prerequisites apply. Choose courses:

PHIL 213	Aesthetics	3 cr
ART 343	Modern Art	3 cr
ART 345	Contemporary Art	3 cr
ART 385	Visual Culture	3 cr
ART 386	Field Studies in Art and Visual Culture	2 cr
ART 391/491	Special Topics in Art History	3 cr
ART 395/495	Special Topics in Art History with a Writing Emphasis	4 cr
SOCA 208	Introduction to Archaelogy	3 cr
ART/ SOCA 315	Anthropology of Non-Western Art	3 cr
ENG 358	Film Genres	3 cr
ENG 458	Studies in Film-history topics	3 cr

* Other relevant, upper division courses that address the history of art or visual culture may be approved on a case-by-case basis by the art history adviser.

Museum Studies Certificate

A certificate in museum studies is also available. Please see the museum studies section of the catalog for more information.

World Wide Web Publishing Certificate

A certificate in World Wide Web publishing is also available through the Computer Science Department. Please see the computer science section of the catalog for more information.

Pre-Architecture

Students transferring to the University of Wisconsin-Milwaukee in order to pursue a major in architecture must have taken a minimum of 24 credit hours and must have a GPA of no less than 2.50. Because admission into the architecture major is highly competitive, students should understand that those admitted to the program will have a GPA that is higher than 2.50. While a minimum of 24 credit hours is needed to transfer, students are advised to take no more than 40 credit hours prior to transferring to the University of Wisconsin-Milwaukee. Within the 24-40 credit hour window, the following courses are especially appropriate for students considering the architecture major:

ART 103	Introduction to Three Dimensional Design	3 cr
ART 122	Introduction to Drawing	3 cr
ART 125	Ancient and Medieval Art	3 cr
ART 126	Renaissance to Modern Art	3 cr
SPCH 105	Public Speaking	3 cr
ENGL 101	Composition and Reading	3 cr
ENGL 201	Advanced Composition	3 cr
GEOG 110	Introduction to Geography – World Regions	3 cr
MATH 113	Trigonometry	2 cr
PHYS 105	College Physics I	5 cr

Course work in geosciences or physical geography is highly recommended. It is also recommended that students satisfy their foreign language requirement prior to transferring to the University of Wisconsin-Milwaukee.

Special Policies

Art majors must have a minimum of a 2.5 GPA in order to graduate without a concentration. All students earning an art major without a concentration must complete a minimum of 15 credits within the major at UW-Parkside.

Art majors with concentrations must have at least a GPA of 2.75 in the major to enter and earn the concentration. All students earning an art major with a concentration must complete a minimum of 21 credits within the major at UW-Parkside.

Graphic Design majors must have at least a 2.75 GPA in the major in order to graduate with the major in graphic design. All students earning a graphic design major must complete a minimum of 21 credits within the major at UW-Parkside.

Transfer students must have at least a 2.5 in their art and art history courses to be admitted into any art department major; once admitted, required GPAs apply to graduation eligibility.

Field trips to local and regional art centers may be required as partial fulfillment of any particular art course.

The Art Department reserves the right to retain selected examples of student work completed in studio courses or photographic images of work for educational, promotional, or exhibition purposes.

Studio fees may be required for certain courses to cover basic material expenses.

The Art Department faculty values the learning experience in the classroom and has a specific policies pertaining to absenteeism and classroom conduct. In regard to these policies it is important for students to know that regular attendance in class is mandatory and unexcused absences will affect the student's final grade. Additionally, the Art Department expects its students to present an open, respectful, and professional attitude toward their course work, facilities, instructors and peers. Plagiarism in any form is not tolerated.

Courses in the Art Department may be audited only with approval of the instructor.

Courses in Art (ART)

100 Art Appreciation ..... 3 cr
Prereq: None. Freq: Fall, Spring.
Introduction to the visual language through an exploration of the functions, styles, themes, and the elements that make art; includes exhibition attendance. (Does not count toward art major.)

102 Introduction to Two Dimensional Design ..... 3 cr
Prereq: None. Freq: Fall, Spring.
Exploration of the visual language used in two-dimensional design, emphasizing the fundamental elements and principles of composition and color through lecture and studio problems. Lab fee.

103 Introduction to Three Dimensional Design ..... 3 cr
Prereq: None. Freq: Fall, Spring.
Exploration of the visual language used in three-dimensional design emphasizing the fundamental elements and principles through lecture and studio problems in a variety of sculptural processes. Lab fee.

104 Introduction to Digital Art ..... 3 cr
Prereq: None. Freq: Fall, Spring.
A hands-on exploration of the digital visual language through an exploration of various software programs used in the fields of digital art, graphic design, web design, and animation emphasizing the basic principles of composition through lecture and studio problems. Lab fee.

122 Introduction to Drawing ..... 3 cr
Prereq: None. Freq: Fall, Spring.
Exploration of the media and process of drawing to develop a visual language for representing visual imagery and cultivating perceptual and conceptual awareness. Lab fee.

125 Ancient and Medieval Art ..... 3 cr
Prereq: None. Freq: Fall.
A survey of art history from the prehistoric to the medieval eras with a western art emphasis. Development of the student's critical abilities will be stressed.

126 Renaissance to Modern Art ..... 3 cr
Prereq: None. Freq: Spring.
A survey of western art history from the renaissance to modern eras. Development of the student's critical abilities will be stressed.

202 Beginning Fibers and Textiles ..... 3 cr
Prereq: ART 102 or 103. Freq: Occasionally. .
Introduces the fundamental aesthetic concepts and technical methods emphasizing the historical development of fibers and textiles. Lab fee.

203 Beginning Ceramics ..... 3 cr
Prereq: ART 103 or consent of instructor. Freq: Fall, Spring.
An introduction to the fundamental aesthetic concepts and technical methods of creating works in clay emphasizing historical and contemporary developments of ceramics. Students will be exposed to the basics of ceramics in wheel throwing, hand building, glazing and firing. Lab fee.

223 Beginning Art Metals ..... 3 cr
Prereq: ART 103 or consent of instructor. Freq: Occasionally.
Introduces the fundamental aesthetic concepts and technical methods of metalsmithing emphasizing the historical development of art metals. Lab fee.

236 Beginning Sculpture ..... 3 cr
Prereq: ART 103, 122. Freq: Fall.
An exploration of both historical and contemporary developments in sculpture emphasizing fundamental aesthetic concepts and technical methods. Students are directed through three basic techniques: reduction, addition, and casting. Lab fee.

238 Beginning Woodworking and Furniture Design ..... 3 cr
Prereq: ART 103 or consent of instructor. Freq: Spring.
Introduction into the craft of woodworking as it specifically relates to the art of furniture making. Both functional and aesthetic considerations will be explored as well as the history of furniture over the centuries. Lab fee.

251 Beginning Printmaking ..... 3 cr
Prereq: ART 102, 122. Freq: Fall, Spring.
An introduction to three technical processes including relief, intaglio, and lithographic printmaking. Emphasis on fundamental aesthetic concepts, technical methods, and the historical development of the original print. Lab fee.

274 Typography I ..... 3 cr
Prereq: ART 102, 104. Freq: Occassionally.
Introduces the theories and history of typography within the context of graphic design.

282 Beginning Painting ..... 3 cr
Prereq: ART 102, 122. Freq: Fall, Spring.
An introduction to the aesthetic, technical and thematic dimensions of painting as a fundamental visual language of expression from both traditional and contemporary -perspectives, using a variety of painting media. Lab fee.

287 Topics in Graphic Design ..... 3 cr
Prereq: Varies by topic. Frequency: Occasionally
Explores selected topics in the field of graphic design. Focuses on diverse mediums, content, and projects. May be repeated for credit with different topic. Lab Fee.

288 Topics in Two Dimensional Studio Art ..... 3 cr
Prereq: ART 102, 122. Freq: Occasionally.
Special topics in two dimensional mediums including printmaking, painting, collage, photography, and book arts. Traditional and experimental materials and approaches will be explored. May be repeated for credit with different topic. Lab fee.

289 Topics in Three Dimensional Studio Art ..... 3 cr
Prereq: Varies by topic. Freq: Occasionally.
Special topics in three dimensional mediums including metals, fibers, ceramics, sculpture, woodworking, and book arts. Traditional and experimental materials and approaches will be explored. May be repeated for credit with different topic. Lab fee.

290 Special Topics in Art ..... 1-4 cr
Prereq: Varies by topic. Freq: Occasionally.
Selected topics in the visual arts and their interrelationship will be studied. Lab fee varies with topic.

291 Selected Topics in Art History ..... 1-4 cr
Prereq: Varies by topic. Freq: Occasionally.
In-depth studies in art history as it may pertain to different themes, cultures, selected periods or groups of artists. May be repeated for credit with different topic.

299 Independent Study ..... 1-4 cr
Prereq: Varies by topic. Consent of instructor and department chair. Freq: Fall, Spring, Summer.
Special projects selected by student and approved by instructor. Includes a detailed project proposal. Lab fee varies with topic.

302 Intermediate Fibers and Textiles ..... 3 cr
Prereq: ART 202. Freq: Occasionally.
In-depth exploration of concepts relating to the processes of fibers and textiles. Lab fee.

303 Intermediate Ceramics ..... 3 cr
Prereq: ART 203. Freq: Fall.
Further development of the fundamental aesthetic concepts and technical methods used in creating works in clay emphasizing historical and contemporary trends and artistic intent. Various firing methods will be addressed. Lab fee.

315 Anthropology of Non-Western Art ..... 3 cr
Prereq: SOCA 100 or 101, or ART 125 or 126, or consent of instructor; Freq: Spring (odd years).
An anthropological examination of indigenous arts and material culture. Focus on functions of art related to social organization, belief systems, and culture change; includes selected prehistoric and contemporary art forms. Cross-listed with SOCA 315.

322 Intermediate Drawing ..... 3 cr
Prereq: ART 122. Freq: Fall.
Explores the formal and conceptual possibilities of the drawn mark as a visual language incorporating historical references both traditional and contemporary. Lab fee.

323 Intermediate Art Metals ..... 3 cr
Prereq: ART 223. Freq: Occasionally.
In-depth investigation of concepts relating to metalsmithing technology including historical and contemporary references. Lab fee.

330 Focused Drawing Topics ..... 3 cr
Prereq: ART 122. Freq: Occasionally.
Explores traditional or experimental drawing techniques and topics not introduced in regularly offered drawing courses. May be repeated for credit with different topic. Lab fee.

331 Life Drawing ..... 3 cr
Prereq: ART 122. Freq: Fall, Spring.
A comprehensive investigation of the human form using diverse media with an emphasis on structural, anatomical, and personal expressive analysis. Lab fee.

336 Intermediate Sculpture ..... 3 cr
Prereq: ART 236. Freq: Spring.
Further exploration of aesthetic concepts and technical methods used in sculpture while selecting from an expanded range of processes embracing fabrication, carving and casting. Lab fee.

338 Intermediate Woodworking and Furniture Design ..... 3 cr
Prereq: ART 238 or consent of instructor. Freq: Spring.
Further exploration of design concepts in addition to the introduction of alternative joinery methods and materials as they relate to the craft of furniture making. Lab fee

343 Modern Art ..... 3 cr
Prereq: ART 125, 126, ENGL 101; or consent of instructor. Freq: Occasionally.
Examines artists, movements, and themes in art history from 1850 to 1950 within their cultural, political, and social contexts.

345 Contemporary Art ..... 3 cr
Prereq: ART 125, 126, ENGL 101; and consent of instructor. Freq: Occasionally.
Addresses major trends and theories of art since 1950, while also exploring the importance of art institutions and exhibitions to the history of contemporary fine art.

346 Visual Culture ..... 3 cr
Prereq: ART 125, 126, ENGL 101; and consent of instructor. Freq: Occasionally.
Studies the increasingly important role of visual imagery in our contemporary culture, including the diverse ways audiences interpret images and moments in the history of digital imaging, film, and graphic design.

351 Intermediate Printmaking ..... 3 cr
Prereq: ART 251. Freq: Fall, Spring.
Study of the aesthetic and technical principles and various methods of printmaking. Lab fee.

364 Digital Video ..... 3 cr
Prereq: ART 104. Freq: Occasionally.
Emphasis on storytelling through video, sound design, and manipulating footage using industry-standard digital editing software. Output for broadcasting, CD, DVD, and web markets. Lab fee.

371 Digital Photography and Imaging ..... 3 cr
Prereq: ART 104. Freq: Occasionally.
An investigation into digital imaging using cameras, scanners and software to develop skills in pixel-based photographic design and printing. Lab fee.

372 Graphic Design I ..... 3 cr
Prereq: ART 274. Freq: Fall.
Explores design history, theory, technique and the formal language of graphic communications. Lab fee.

374 Typography II ..... 3 cr
Prereq: ART 274. Freq: Spring.
Utilization of the fundamentals of typography to solve complex design problems. Lab fee.

377 Web Design I ..... 3 cr
Prereq: ART 102, 104 or CSCI 105. ART 274 recommended. Freq: Fall.
Explores the modern field of web design from a graphic designer's viewpoint comprising the conceptual and aesthetic approach to web design including both static and dynamic forms. Lab fee.

382 Intermediate Painting ..... 3 cr
Prereq: ART 282. Freq: Fall, Spring.
Continued aesthetic and technical exploration of the painted image involving a variety of media. Lab fee.

385 Visual Culture..... 3 cr
Prereq: ART 125, 126, ENGL 101; or consent of instructor. Freq: Occasionally.
Studies the increasingly important role of visual imagery in our contemporary culture, including the diverse ways audiences interpret images and moments in the history of digital imaging, film, and graphic design.

386 Field Studies in Art and Visual Culture.....2 cr
Prereq: ART 125, 126, ENGL 101; or consent of instructor. Freq: Occasionally.
Considers a range of environments and institutions in which art and visual culture are produced, exhibited, discussed, and sold. Includes regular off campus site visits.

387 Topics in Graphic Design..... 3 cr
Prereq: Varies by topic. Freq: Occasionally.
Explores topics in the field of graphic design. Focuses on diverse mediums, content, and projects.

388 Intermediate Topics in Two Dimensional Studio Art..... 3 cr
Prereq: Varies by topic. Freq: Occasionally.
Intermediate use of two dimensional mediums including printmaking, painting, collage, photography, and book arts. Traditional and/or experimental materials and techniques will be explored. May be repeated for credit with different topic. Lab fee.

389 Intermediate Topics in Three Dimensional Studio Art ..... 3 cr
Prereq: Varies by topic. Freq: Occasionally.
Intermediate topics in three dimensional mediums including metals, fibers, ceramics, sculpture, woodworking, and book arts. Traditional and experimental materials and approaches will be explored. May be repeated for credit with different topic. Lab fee.

395 Special Topics in Art History with a Writing Emphasis ..... 4 cr
Prereq: ART 125, 126, ENGL 101; or consent of instructor. Freq: Occasionally.
Writing intensive course that examines artists, movements, and themes in art history within their cultural, political, and social contexts. May be repeated for credit with different topic.

390 Special Topics in Art .....1-4 cr
Prereq: Varies by topic. Freq: Occasionally.
Selected topics in the visual arts and their interrelationship will be studied at the intermediate level. Lab fee varies with topic.

391 Special Topics in Art History.....1-4 cr
Prereq: Varies by topic. Reading and writing skills required. Freq: Occasionally.
In-depth studies in art history as it pertains to different themes, cultures, selected periods or groups of artists. May be repeated for credit with different topics.

392 Professional Practice..... 2 cr
Prereq: Art major, junior standing; or consent of instructor. Freq: Fall, Spring.
Provides insight into the professional aspects of being an artist, designer or administrator of art institutions. Topics include exhibition preparation, photographic documentation, career options, post-baccalaureate pursuits, and the business of art and design.

399 Independent Study.....1-4 cr
Prereq: Varies by topic. Consent of instructor and department chair. Freq: Fall, Spring, Summer.
Special projects at an intermediate level chosen by a student and approved by instructor. Includes a detailed project proposal. Lab fee varies with topic.

402 Advanced Fibers and Textiles..... 3 cr
Prereq: ART 302 or consent of instructor. Freq: Occasionally.
Emphasis on a more independent exploration of the concepts and technology involved in fibers and textiles. may be repeated for a maximum of 6 credits. Lab fee.

403 Advanced Ceramics ..... 3 cr
Prereq: ART 303. Freq: Fall.
Extended work in ceramic processes, with emphasis placed on gaining proficiency by using various ceramic techniques and in developing a personal body of artwork. Lab fee.

422 Advanced Drawing ..... 3 cr
Prereq: ART 322. Freq: Fall.
Explores the aesthetic technical and thematic possibilities of the drawn mark, with emphasis on the development of the student's personal vision. May be repeated for a maximum of 6 credits. Lab fee.

423 Advanced Art Metals ..... 3 cr
Prereq: ART 323. Freq: Occasionally.
Emphasis on a more independent exploration of the metalsmithing technology. May be repeated for a maximum of 6 credits. Lab fee.

430 Advanced Focused Drawing Topics ..... 3 cr
Prereq: ART 330. Freq: Occasionally.
Advanced exploration of traditional or experimental drawing techniques and topics not introduced in regularly offered drawing courses. May be repeated for a maximum of 6 credits. Lab fee.

431 Figure Studio..... 3 cr
Prereq: ART 331. Freq: Fall.
An experimental exploration of the human form with an expressive focus in a variety of media and with an emphasis on more individualized technical and aesthetic development. May be repeated for a maximum of 6 credits. Lab fee.

436 Advanced Sculpture ..... 3 cr
Prereq: ART 336. Freq: Spring.
Emphasis on in-depth exploration of one or more recommended sculptural processes in relation to an individualized aesthetic point of view. May be repeated for a maximum of 6 credits. Lab fee.

438 Advanced Woodworking and Furniture Design ..... 3 cr
Prereq: ART 338. Freq: Spring.
Investigates personal design aesthetic as it relates to construction, materials and methods of furniture making. May be repeated for a maximum of 6 credits. Lab fee.

451 Advanced Printmaking..... 3 cr
Prereq: ART 351. Freq: Fall.
Advanced study of the aesthetic and technical principles of printmaking focusing on various methods. May be repeated for a maximum of 6 credits. Lab fee.

472 Graphic Design II ..... 3 cr
Prereq: ART 372, 374. Freq: Fall.
Analysis of issues related to branding, identity, and design. Emphasis is on the development of strong concepts which communicate effectively. Lab fee.

477 Web Design II..... 3 cr
Prereq: ART 377. Freq: Spring.
Advanced problems in web design from a designer's viewpoint comprising the conceptual and aesthetic approach to web design including both static and dynamic forms. Lab fee.

482 Advanced Painting ..... 3 cr
Prereq: 3 ART 82. Freq: Fall, Spring.
In-depth exploration of individual problems in painting using a variety of media. May be repeated for a maximum of 6 credits. Lab Fee.

487 Design Portfolio ..... 3 cr
Prereq: 472 or consent of instructor. Freq: Fall, Spring.
Internship and professional project course arranged through partnerships in the community. May be repeated for a maximum of 6 credits.Lab fee

488 Advanced Topics in Two Dimensional Studio Art..... 3 cr
Prereq: Varies by topic. Freq: Occasionally.
Advanced use of two dimensional mediums including printmaking, painting, collage, photography, and book arts. Traditional and experimental materials and techniques will be explored. May be repeated for a maximum of 6 credits. Lab fee.

489 Advanced Topics in Three Dimensional Studio Art..... 3 cr
Prereq: Varies by topic. Freq: Occasionally.
Advanced topics in three dimensional mediums including metals, fibers, ceramics, sculpture, woodworking, and book arts. Traditional and experimental materials and approaches will be explored at an intermediate level. May be repeated for a maximum of 6 credits. Lab fee.

490 Special Topics in Art ..... 1-4 cr
Prereq: Varies by topic. Freq: Occasionally.
Selected topics in art will be studied. Lab fee.

491 Special Topics in Art History..... 1-4 cr
Prereq: Varies by topic. Freq: Occasionally.
In-depth studies in art history as it may pertain to different themes, cultures, selected periods or groups of artists. May be repeated for credit with different topics.

492 Senior Exhibition Seminar ..... 1 cr
Prereq: Senior standing, concurrent enrollment in ART 493, or department approval. Freq: Fall, Spring.
Seminar sessions dedicated to planning, publicizing and installing the senior capstone exhibition.

493 Senior Studio..... 3 cr
Prereq: Senior standing, department approval. Freq: Fall, Spring.
Rigorous, self-generated studio experience, focusing on the creation of a significant body of work as a culmination of the student's undergraduate education in the visual arts. Lab fee varies by topic.

494 Art Internship ..... 1-4 cr
Prereq: Art major, junior standing; consent of instructor and department chair. Freq: Fall, Spring, Summer.
Practical experience in studio and curatorial situations in business, industry, galleries and museums. Joint supervision by faculty member and organization representative. Lab fee varies by topic.

495 Special Topics in Art History with a Writing Emphasis .... 4 cr
Prereq: ART 125, 126, ENGL 101; or consent of instructor. Freq: Occasionally.
Writing intensive course that examines artists, movements, and themes in art history within their cultural, political, and social contexts. May be repeated for credit with different topic.

497 Senior Critique Seminar ..... 1 cr
Prereq: Art major, senior standing; or consent of instructor. Freq: Fall, Spring.
Serves as a capstone for the art major not seeking a studio art concentration. Students will develop their understanding of art through criticism using oral critiques and written analysis. Field trips to local/regional galleries and museums.

499 Independent Study..... 1-4 cr
Prereq: Consent of instructor and department chair. Freq: Fall, Spring, Summer.
Special projects at an advanced level selected by student and approved by the instructor. Includes a detailed project proposal. Lab fee varies with topic.

Graduate Courses

690 Special Topics ..... 1-4 cr
Prereq: Consent of instructor and department chair. Freq: Occasionally.
Selected topics in art will be studied. Lab fee varies with topic.

699 Independent Study..... 1-3 cr
Prereq: Consent of instructor and department chair. Freq: Occasionally.
Special projects selected by student and approved instructor. Includes a detailed project proposal. Lab fee varies with topic.

BIOLOGICAL SCIENCES

Greenquist 344 • 262-595-2744

Degrees Offered:
Bachelor of Science.
Master of Science (see graduate section of this catalog).

Associate Professors:
Barber, Ph.D. (chair); Higgs, Ph.D.; Mayer, Ph.D.; Pham, Ph.D.; Ruffolo, Ph.D.; Thomson, Ph.D.

Assistant Professors:
Lee, Ph.D.; Noto, Ph.D.; Preuss, Ph.D.; Richards, Ph.D.; Rogers, Ph.D.; Taft, Ph.D.

Senior Lecturers:
Mossman, Ph.D.; Wilson, M.S.

Lecturers:
MacWilliams, Ph.D.; Roelke, M.S.; Ostrowski, Ph.D.; Lewis, Ph.D. (assistant to the dean for health-related professions)

Student Organizations/Clubs:
Biology Club, Molecular Biology Club, Pre-Health Professions Club

Career Possibilities:
Health professional; research scientist; veterinary medicine; secondary school teacher; industrial research, development, quality control, or product specialist; zoologist; botanist; ecologist; conservation biologist; naturalist.

Department Overview

Since the opening of the university in 1968, UW-Parkside's Biological Sciences Department has developed and maintained a reputation for outstanding preparation for careers in life and health sciences. The department currently attracts many of the best students found on the campus and has one of the strongest pre-health programs in the state.

The instructional program emphasizes quality teaching, hands-on experience with state-of-the-art technology, and involvement of undergraduate students in research. The department has high-quality faculty, several of whom are nationally and internationally known. The faculty sees itself as an excellent example of the teacher-scholar model for a predominantly undergraduate institution. The department maintains active research facilities with modern instrumentation. In addition, the UW-Parkside campus, the Chiwaukee Prairie, Harris Tract, Ranger Mac's Fen, Renak Polak Woods, Petrifying Springs, and Sanders Park provide field areas for environmental studies.

The biological sciences include many different aspects of biology such as botany, microbiology, molecular biology, bioinformatics and zoology. The undergraduate majors are based on core courses designed to convey a common body of concepts and skills essential to the training of biologists regardless of their ultimate specialization. This part of the program emphasizes the similarities and unifying ideas applicable to all living systems.

The department offers two majors. The biological sciences major is appropriate for students with a general interest in biology. The molecular biology and bioinformatics major is designed for students who wish to specialize in this rapidly growing field of biology. Both majors are appropriate for students preparing for the health professions; consult with the pre-health advisers for advice relating to your particular career goal.

Biological science majors interested in obtaining a minor in environmental studies should consult with the director of environmental studies.

The department supports several student organizations: Biology Club, Molecular Biology Club, and the Pre-Health Professions Club. These clubs promote learning and career preparation outside the formal classroom under student governance. Activities include field trips, guest lectures, mentoring, and social activities. See your academic adviser or contact the department office for information about how to become involved.

The biological sciences program offers many courses for other majors and/or programs such as applied health sciences, biochemistry, environmental studies, gerontology, and pre-professional programs. There are also many courses available that have been designed specifically for non-science students and for general education.

Program Level Objectives for Biological Sciences

1. Biological complexity and evolution
2. Inquiry and research methods
3. Scholarship and communication

Requirements for the Biological Sciences Major (79-84 credits)

The major in biological sciences consists of a minimum of 43 credits in biological sciences with additional courses in mathematics, chemistry, and physics. Within the major, a minimum of 15 credits in courses numbered 300 or above must be completed at UW-Parkside.

A. Core Courses (19 Credits)

BIOS 101	Bioscience	4 cr
BIOS 102	Organismal Biology	4 cr
BIOS 210	Biostatistics	4 cr
BIOS 260	General Genetics	4 cr
BIOS 435	Experimental Methods/ Biochemistry Lab	2 cr
BIOS 495	Senior Seminar	1 cr

Students must complete core courses numbered in the 200s and below before they enroll in 400-level biological sciences courses. Exception from this prerequisite requires approval from the program faculty. Students should consult with their academic adviser before registration if such a situation arises.

B. Mathematics, Chemistry and Physics Courses (36 credits)

Mathematics

MATH 221	Calculus and Analytic Geometry I	5 cr

Chemistry

CHEM 101	General Chemistry I	5 cr
AND		
CHEM 102	General Chemistry II	5 cr
CHEM 321	Organic Chemistry I	4 cr
CHEM 322	Organic Chemistry II	4 cr
CHEM 323	Organic Chemistry Laboratory*	3 cr

Physics

PHYS 105	College Physics I	5 cr
PHYS 106	College Physics II	5 cr
OR		
PHYS 201	General Physics I	5 cr
PHYS 202	General Physics II	5 cr

* Strongly recommended, but not required. Most graduate and professional schools require an organic chemistry course with a laboratory component. Students who plan to do graduate work are also advised to take MATH 222 Calculus and Analytic Geometry II.

C. Elective Courses (24 credits)

Each student must complete a minimum of 24 elective credits selected from 200-400 level biological sciences courses. At least 3 credit hours must be obtained from each of the four designated areas listed below. BIOS 494 Internship, and BIOS 499 Independent Study, cannot be used to satisfy the requirement within these areas. Students are required to check with their advisers concerning biological sciences special topics courses (BIOS 290, 390, 490) counting toward the topic areas listed below.

I. Cell and Molecular Biology

BIOS 240	Macromolecular Structure and Function	3 cr
BIOS 301	Cell Biology	3 cr
BIOS 307	Biochemical Metabolism	3 cr
BIOS 309	Molecular Biology	3 cr
BIOS 355	Biology of Cancer	3 cr

II. Organismal Structure and Function

BIOS 300	Human Functional Anatomy (L)	4 cr
BIOS 317	Vertebrate Embryology	3 cr
BIOS 325	Physiological Psychology	3 cr
BIOS 341	Mammalian Physiology	3 cr
BIOS 344	Plant Physiology	3 cr
BIOS 420	Neuroscience	3 cr

III. Biological Diversity

BIOS 303	Microbiology (L)	4 cr
BIOS 313	Invertebrate Zoology (L)	4 cr
BIOS 318	Vertebrate Zoology (L)	4 cr
BIOS 324	Botany (L)	4 cr
BIOS 351	Virology	3 cr

IV. Population Biology

BIOS 305	Principles of Ecology (L)	4 cr
BIOS 312	Medical and Forensic Entomology (L)	4 cr
BIOS 314	Evolutionary Biology	3 cr
BIOS 330	Topics in Field Biology (L)	3 cr
BIOS 336	Conservation Biology	3 cr
BIOS 340	Animal Behavior (L)	4 cr
BIOS 414	Molecular Evolution	3 cr

A course in each of the four areas is required. Students can select among any of the remaining 200-400 level biological sciences courses to complete the remaining 12 elective credits, which may include up to three credits each of BIOS 494 and BIOS 499.

To complete the requirement of 24 elective credits, at least one 300 level or higher elective class must include a laboratory. Classes that meet this requirement are marked with an (L) in the list above as well as BIOS 453, 455 and 480. BIOS 435 Experimental Methods/Biochemistry Lab is a core class and does not satisfy this requirement.

Students pursuing careers in the health professions are strongly urged to contact Dr. Bryan Lewis, assistant to the dean for health-related professions at 262-595-2327 for advising.

Concentration in Pre-Health Professions (29 credits)

Students who are planning to pursue graduate/professional work in health sciences should consider completing the biological sciences major with a concentration in pre-health professions. Students complete the same biological sciences major core course requirements (A) and mathematics, physics and chemistry course requirements (B), but use the following course plan for the elective course requirements (C):Required.

Required Concentration Courses (20 credits)

BIOS 300	Human Functional Anatomy (L)	4 cr
BIOS 303	Microbiology (L)	4 cr
BIOS 307	Biochemical Metabolism	3 cr
BIOS 341	Mammalian Physiology	3 cr
CHEM 323	Organic Chemistry Laboratory	3 cr
BIOS 314	Evolutionary Biology	3 cr
OR		
BIOS 414	Molecular Evolution	3 cr

Elective Concentration Courses (9 credits)

BIOS 301	Cell Biology	3 cr
BIOS 309	Molecular Biology	3 cr

BIOS 312	Medical and Forensic Entomology.	4 cr
BIOS 351	Virology	3 cr
BIOS 355	Biology of Cancer	3 cr
BIOS 420	Neuroscience	3 cr

Program Level Objectives for Molecular Biology and Bioinformatics

1. **Knowledge of the Natural World:** Breadth of scientific knowledge, specifically, the ability to think beyond one's area of concentration.
2. **Critical and Creative Thinking Skills:** Experiential and problem solving skills as well as higher order qualitative and quantitative reasoning.
3. **Effective Communication Skills:** Competence in speaking, reading, and writing abilities.
4. **Individual, Social and Environmental Responsibility:** Civic knowledge and engagement (both local and global), ethical reasoning, and action; ability to interact and work with people under standard civility and professional norm.

Requirements for the Molecular Biology and Bioinformatics Major (80-82 credits)

The major in molecular biology and bioinformatics consists of a minimum of 46 credits in biological sciences, with additional courses in mathematics, chemistry, computer science and physics. Within the major, a minimum of 15 credits in courses numbered 300 or above must be completed at UW-Parkside. Admission to the molecular biology and bioinformatics major is selective. Incoming freshmen must have a minimum ACT score of 25. Current students wishing to enter the program must complete BIOS 260 General Genetics, and attain a minimum UW-Parkside cumulative GPA of 2.75 at the time of application. Transfer students will be assessed on an individual basis based on these guidelines. Students must maintain a minimum UW-Parkside cumulative GPA of 2.50 in all courses required for the major to graduate.

A. Core Courses (36 credits)

BIOS 101	Bioscience	4 cr
BIOS 102	Organismal Biology	4 cr
BIOS 210	Biostatistics	4 cr
BIOS 260	General Genetics	4 cr
BIOS 301	Cell Biology	3 cr
BIOS 309	Molecular Biology	3 cr
BIOS 453	Molecular Biology and Bioinformatics of Nucleic Acids	4 cr
BIOS 455	Protein Biochemistry and Bioinformatics	4 cr
BIOS 489	Molecular Biology and Bioinformatics Senior Project	2 cr
BIOS 499	Independent Study, over two semesters	4 cr

Students must complete core courses numbered in the 300s and below before they enroll in 400-level biological sciences courses. Exception from this prerequisite requires approval from the program faculty. Students should consult with their academic adviser before registration if such a situation arises.

B. Mathematics, Chemistry, Computer Science and Physics Courses (36-38 credits)

Mathematics

MATH 221	Calculus and Analytic Geometry I	5 cr
AND		
MATH 231	Discrete Mathematics	3 cr
OR		
MATH 222	Calculus and Analytic Geometry II	5 cr

Chemistry

CHEM 101	General Chemistry I	5 cr
AND		
CHEM 102	General Chemistry II	5 cr
CHEM 321	Organic Chemistry I	4 cr
CHEM 322	Organic Chemistry II	4 cr

Physics

PHYS 105	College Physics I	5 cr
PHYS 106	College Physics II	5 cr
OR		
PHYS 201	General Physics I	5 cr
PHYS 202	General Physics II	5 cr

Students who plan to do graduate work are advised to also take MATH 222 Calculus and Analytic Geometry II; and CHEM 302 & 303 Physical Chemistry I and II.

C. Elective Courses (8 credits)

Choose from:

BIOS 300 - 600 level courses (excluding: BIOS 435 Experimental Methods; BIOS 495 Senior Seminar; BIOS 499 Independent Study)

CHEM 620	Advanced Biochemistry	3 cr
CSCI 241	Computer Science I	4 cr
CSCI 242	Computer Science II	4 cr
MIS 322	Business Programming II	3 cr
MIS 328	Database Management Systems	3 cr

Requirements for the Biological Sciences Minor (20 credits)

Required Courses (8 credits)

BIOS 101	Bioscience	4 cr
BIOS 102	Organismal Biology	4 cr

Elective Courses (12 credits)

BIOS 200+	Electives 200 level or above (excluding BIOS 202 General Microbiology)	12 cr

Departmental Honors Program

Students completing a bachelor of science degree in either biological sciences or molecular biology and bioinformatics may earn departmental honors reflecting outstanding achievement in academics and research. To attain honors a student must have:

- A cumulative GPA of 3.0 or higher and a GPA of 3.5 or higher for all courses required within one of the majors,
- Minimum of four credits of BIOS 499 Independent Research,
- Successfully complete an oral or poster presentation detailing independent research accomplishments within BIOS 499,
- Successfully complete a written research thesis detailing independent research accomplishments within BIOS 499,
- Satisfactory completion of the above requirements must be evaluated and approved by a departmental committee composed of three biological sciences faculty members.

Students interested in completing departmental honors must file a biological sciences honor application with the department prior to their senior year.

Teacher Licensure

Students interested in becoming teachers will need to complete an approved program pathway to a Wisconsin initial educator license. The approved pathway to this license is a structured collaboration between the general education program, the major in [major], and the Institute of Professional Educator Development (IPED). All approved educator licensure pathways at UW-Parkside require admission to IPED's Educator Development Program. It is very important to contact the IPED Advisor at 262-595-2180 as soon as possible. Ideally, students interested in teaching should meet with the IPED Advisor before enrolling in any university courses. The IPED Advisor will work with you to complete your application to IPED's Educator Development Program and coordinate advising with the [major] department affiliate. Complete information about IPED and the Educator Development Program is available on our website.

Courses in Biological Sciences (BIOS)

100 Nature of Life ..... 3 cr
Prereq: None. Freq: Fall, Spring.
Nature of living things is explored and current developments in biology are discussed. Designed specifically for non-science majors; not for credit toward biological sciences major. Three-hour lecture.

101 Bioscience ..... 4 cr
Prereq: MATH 111 or concurrent enrollment; placement into ENGL 100 or higher. Freq: Fall, Spring.
This course focuses on biochemistry, cell biology, genetics, and molecular biology. It is intended to provide a background upon which upper division courses will be built. Three-hour lecture; three-hour lab.

102 Organismal Biology ..... 4 cr
Prereq: MATH 111 or concurrent enrollment; placement into ENGL 100 or higher. Freq: Fall, Spring.
A broad introduction to the diversity of life, recognizing functional similarities and dissimilarities as related to -successful adaptation to the environment. It is intended to provide a background upon which upper division courses will be built. Three-hour lecture; three-hour lab.

103 Human Biology ..... 3 cr
Prereq: None. Freq: Yearly.
A general course which covers basic information about the human body. Designed specifically for non-science majors; not for credit toward biological sciences major. Three-hour lecture.

104 Environmental Science: A Biological Approach ..... 3 cr
Prereq: None. Freq: Spring, Summer.
The study of the associations between human populations, biodiversity, resources, technology, lifestyles and environmental crisis from a biological approach. Meets DPI content requirement in environmental education; not for credit toward biological sciences major. Three-hour lecture.

105 Human Physiology and Anatomy I ..... 4 cr
Prereq: None. Freq: Fall, Spring.
An integrated lecture/laboratory course using a system approach to understand structure and function of the human body. Topics include homeostasis, biological and chemical principles, tissues, skin, skeleton, muscles and digestion, and includes cat dissection and cadaver demonstration. Not for credit toward biological sciences major. Three-hour lecture; two-hour discussion; two-hour lab.

106 Human Physiology and Anatomy II ..... 4 cr
Prereq: BIOS 105. Freq: Spring.
A continuation of BIOS 105; focusing on the nervous, immune, circulatory, respiratory, urinary, endocrine and reproductive systems. Not for credit toward biological sciences major. Three-hour lecture; two-hour discussion; two-hour lab.

109 Biology of Aging ..... 3 cr
Prereq: None. Freq: Spring.
This course is intended to give the non-science major an introduction to the age-related changes in each body system from the standpoint of normal structure and function. The concept of homeostasis is emphasized in relation to age-related abnormal changes in addition to causative factors. Three-hour lecture.

114 Freshman Seminar in Biological/Health Sciences ..... 1 cr
Prereq: None. Freq: Fall.
Overview of education, careers, and potential growth opportunities in health-related fields and biological sciences. Not for credit toward biological sciences major. Two-hour lecture.

190 Fundamentals of Human Nutrition ..... 2 cr
Prereq: BIOS 106 and CHEM 215. Freq: Spring.
A study of requirements and functions of essential nutrients throughout life. Cultural influences on food habits and the basis for diet assessment will also be discussed. Recommended for UW-Milwaukee nursing students; not for credit toward biological sciences major. Two-hour lecture.

202 General Microbiology ..... 4 cr
Prereq: BIOS 105, 106 or concurrent registration and CHEM 102 or 115, or consent of instructor. Freq: Fall.
Structure, growth, reproduction, and activities of microorganisms including medical applications. Isolation and propagation of bacteria; not for credit toward biological sciences major. Three-hour lecture; three-hour lab.

203 Introduction to Aquatic and Environmental Microbiology ..... 4 cr
Prereq: BIOS 101, GEOS 106, MATH 111, and CHEM 101; or consent of instructor. Freq: Occasionally.
Understanding and application of basic microbiological and ecological principles related to microbial processes in freshwater and groundwater environments. Three-hour lecture; three-hour lab.

210 Biostatistics ..... 4 cr
Prereq: BIOS 101, 102 and MATH 112, 113; or equivalent. Freq: Fall, Spring.
An introduction to quantitative methods of scientific inference used in the analysis and design of biological observations and experiments. Topics covered include measurement, sampling, descriptive statistics, analysis of variance, correlation, regression, and analysis of frequencies. Three-hour lecture; two-hour lab.

240 Macromolecular Structure and Function ..... 3 cr
Prereq: BIOS 101, 102, 210; CHEM 322 or concurrent registration. Freq: Occasionally
Introduction to eukaryotic cellular structures and biosynthesis; reaction mechanisms in biological catalysis; and principles of macromolecular structure. Three-hour lecture.

260 General Genetics ..... 4 cr
Prereq: BIOS 101, 102; 210 or concurrent registration and CHEM 102.Freq: Fall, Spring.
Fundamental principles including transmission, molecular and population genetics. Laboratory introduces techniques appropriate for investigating a variety of organisms used in the discipline, including microorganisms, plants, lower animals, and humans. For students majoring in science, mathematics or biology-related professions. Three-hour lecture; three-hour lab.

290 Special Topics in Biological Sciences ..... 1-4 cr
Prereq: Varies with topic. Freq: Occasionally.
Selected topics in the biological sciences.

300 Human Functional Anatomy ..... 4 cr
Prereq: BIOS 101 and 102 or consent of instructor. Freq: Fall, Spring.
Fundamental study of organization and structure of tissues, organs and systems of the human body and their relationship to function. Three-hour lecture; three-hour lab..

301 Cell Biology ..... 3 cr
Prereq: BIOS 260, and CHEM 322, or consent of instructor. Freq: Spring.
A study of cells and cellular organelles. The relationship between cellular and macromolecular structure and function is emphasized. Three-hour lecture and one-hour discussion.

303 Microbiology ..... 4 cr
Prereq: BIOS 101, 102, and CHEM 322 or concurrent registration. Freq: Spring.
Advanced treatment of the structure, growth and activities of microorganisms including medical microbiology, -microbial pathogenesis and environmental microbiology. Three-hour lecture; three-hour lab.

305 Principles of Ecology ..... 4 cr
Prereq: BIOS 101, 102, and 210. Freq: Fall (odd years).
An introduction to the relations of plants and animals to their organic and inorganic environments, with an emphasis on the phenomena and causes of distribution and abundance at the population and community levels. Includes a field-oriented laboratory. Three-hour lecture; three-hour lab; field trips.

307 Biochemical Metabolism ..... 3 cr
Prereq: BIOS 101, 102 and CHEM 322 or consent of instructor. Freq: Fall.
A study of the chemistry of biological systems with emphasis on metabolism and macromolecular biosynthesis. Three-hour lecture. Cross-listed with CHEM 307.

309 Molecular Biology ..... 3 cr
Prereq: BIOS 260, CHEM 322 or consent of instructor. Freq: Spring.
Regulation of DNA, RNA, and protein synthesis and the control of the synthesis of other macromolecules. Three-hour lecture/ discussion.

312 Medical and Forensic Entomology ..... 4 cr
Prereq: BIOS 101, 102 and 210. Freq: Fall (even years).
Ecology of human and insect interactions, their significance to public health, and application to forensic science. Three-hour lecture; three-hour lab.

313 Invertebrate Zoology ..... 4 cr
Prereq: BIOS 101, 102, and 210. Freq: Fall (odd years).
Ecology, classification and evolutionary relationships of nonchordate animals. Field trips, experimental research. Three-hour lecture discussion; three-hour lab.

314 Evolutionary Biology ..... 3 cr
Prereq: BIOS 101, 102, and 260. Freq: Spring (odd years).
An introduction to the basic mechanisms of evolutionary change including population genetics and speciation, and a consideration of evolutionary history including phylogenetic estimation, the fossil record, and biogeography. Three-hour lecture.

317 Vertebrate Embryology ..... 3 cr
Prereq: BIOS 101, 102, 300; or consent of instructor. Freq: Occasionally.
Study of developmental anatomy and mechanisms of representative vertebrate types from cleavage through organo-genesis. Three-hour lecture.

318 Vertebrate Zoology ..... 4 cr
Prereq: BIOS 101, 102, or consent of instructor. Freq: Fall (even years).
An introduction to the biology of vertebrates with emphasis on structure, diversity, evolution, and distribution. Field trips. Three-hour lecture; three-hour lab.

324 Botany ..... 4 cr
Prereq: BIOS 101, 102. Freq: Fall (even years).
Study of plants from the viewpoints of systematics, evolution, morphology and ecology. Field trips. Three-hour lecture; three-hour lab.

325 Physiological Psychology ..... 3 cr
Prereq: BIOS 101, 102. Freq: Occasionally.
Physiological relation of neurophysiological and neurochemical processes to behavior. Three-hour lecture. Cross-listed with PSYC 325.

330 Topics in Field Biology ..... 3 cr
Prereq: BIOS 101, 102 or consent of instructor. Freq: Occasionally.
A field-oriented course including topics such as ecology of major biomes, geographical and geological impact on organisms, aspects of plant/animal systematics. The course will focus on selected areas of interest in field biology. Field trips. Special fees required. One-hour lecture.

333 Restoration Ecology ..... 4 cr
Prereq: BIOS 102 or 104. Freq: Occasionally.
Provides a foundation in the science and practice of ecological restoration. Students will learn to identify dominant species of regional plant communities, threats to these communities and techniques to manage and reestablish them. Students will develop landscape and restoration plans for the 700+ acre UW-Parkside campus and outlying properties. Three-hour lecture; three-hour lab.

336 Conservation Biology ..... 3 cr
Prereq: BIOS 102 or BIOS 104; and BIOS 210. Freq: Occasionally.
An introduction to the biological and social aspects of conservation. Includes a history of the conservation movement with emphasis on modern techniques for monitoring and maintaining biological diversity on the Earth. Course will focus on relating material to local and regional conservation problems. Three-hour lecture.

340 Animal Behavior ..... 4 cr
Prereq: BIOS 210 or concurrent registration. Freq: Spring (even years).
Emphasis on the evolution and complexity of animal behaviors based on a variety of animal species from invertebrates to mammals. Three-hour lecture; three-hour lab.

341 Mammalian Physiology ..... 3 cr
Prereq: BIOS 210, CHEM 321, or consent of instructor; BIOS 300 recommended. Freq: Fall.
Advanced treatment of major mammalian organ systems and their roles in homeostasis. Three-hour lecture.

344 Plant Physiology ..... 3 cr
Prereq: BIOS 324 or consent of instructor. Freq: Occasionally.
Study of plant growth, development and nutrition from the physiology point of view. The roles of plants in food production and the environment will be included. Three-hour lecture.

351 Virology ..... 3 cr
Prereq: BIOS 260, CHEM 321, or consent of instructor. Freq: Occasionally.
Presents a broad overview of viruses and other subcellular infectious agents with respect to their molecular structure, diversity of chemical composition, taxonomy, and strategies of infection and replication. Bacteriophage, plant viruses and animal viruses will be discussed. Special topics include biotechnological applications of viruses, the remodeling of their hosts by bacteriophage, defense against viral infection, and viruses and cancer.

355 Biology of Cancer ..... 3 cr
Prereq: BIOS 260, and CHEM 322 or concurrent registration. Freq: Spring (even years).
A study of the genetic and molecular mechanisms underlying the broad disease of cancer. Three-hour lecture/discussion.

390 Special Topics in Biological Sciences ..... 1-4 cr
Prereq: Varies with topic. Freq: Occasionally.
Selected topics in the biological sciences.

403 Applications in Aquatic and Public Health ..... 4 cr
Prereq: BIOS 203 and BIOS 303. Freq: Occasionally.
Develops practical knowledge and provides experience evaluating microbial impact on aquatic environments and potential human health risks. Eight-hour lecture/lab.

410 Cellular and Molecular Immunology ..... 3 cr
Prereq: BIOS 260, 307, 309, and consent of instructor. Freq: Occasionally.
The immune system and its analysis at the cellular and molecular level. Three-hour lecture.

411 Microbial Physiology and Diversity ..... 3 cr
Prereq: BIOS 303, or consent of instructor. Freq: Alternate years.
Explores diverse molecular mechanisms of microbial physiology. Topics include microbial regulation of gene expression, metabolism, behavior, symbiosis, and applications to biotechnology. Three-hour lecture/discussion.

414 Molecular Evolution ..... 3 cr
Prereq: BIOS 309 or 314, or consent of instructor. Freq: Spring (even years).
The evolution of nucleic acids and proteins. Five major topics are considered in turn: genetic variability; the causes of molecular evolution and the neutral theory; methods of detecting genetic variability; the use of molecular markers for estimating phylogeny; and the evolution of genome structure. Three-hour lecture/discussion.

420 Neuroscience ..... 3 cr
Prereq: BIOS 300, 341 or consent of instructor. Freq: Occasionally.
This course emphasizes the neuroanatomy and the related neurophysiology of the human nervous system. Communication between the external environment and the central nervous system is presented using electrical and chemical methods of cell signaling systems, integration of sensory and motor function, and some of the pathology associated with the nervous system. Three-hour lecture; one-hour discussion.

435 Experimental Methods/Biochemistry Lab ..... 2 cr
Prereq: CHEM 322. and consent of instructor. Freq: Fall, Spring.
Familiarization with the use of scientific instruments and techniques, and developing proficiency in the process of scientific investigation. This is a capstone course intended for biological sciences majors who have completed all 200-level core courses. Cross-listed with CHEM 308. Four-hour lab.

453 Molecular Biology and Bioinformatics of Nucleic Acids ... 4 cr
Prereq: BIOS 260, 309, and consent of instructor. Freq: Fall.
Covers techniques and theory of nucleic acid isolation (DNA and RNA) and analysis including laboratory and computational methods. Includes common laboratory methods for isolating and characterizing nucleic acids. Eight-hour lecture/lab.

455 Protein Biochemistry and Bioinformatics ..... 4 cr
Prereq: BIOS 260, 309, and consent of instructor. Freq: Spring.
Practical experience in protein expression, purification, and characterization with emphasis on enzymology and use of computer programming for development of relevant bioinformatics applications. Eight-hour lecture/lab.

470 Advanced Molecular Genetics ..... 3 cr
Prereq: BIOS 260, 309, and consent of instructor. Freq: Occasionally.
In-depth coverage of selected current research topics in the molecular genetics of genomes, genes and gene products. Three-hour lecture.

480 Bioinformatics Programming ..... 4 cr
Prereq: BIOS 260, 309, and consent of instructor. Freq: Occasionally.
This course focuses on implementation of programming languages, data structures, and data management strategies for bioinformatics applications. Lectures and computer-based exercises emphasize both theory and analysis of genomic and proteomic data. Three-hour lecture; three-hour lab.

489 Molecular Biology and Bioinformatics Senior Project ..... 1 cr
Prereq: BIOS 453 and 455. Freq: Fall, Spring, Summer.
Students work independently on a project, applying skills and knowledge acquired from previous course work. Students submit a written report and give a public, oral presentation of their project. May be repeated for maximum of 2 credits.

490 Advanced Topics in Biology ..... 1-4 cr
Prereq: Varies with topic. Freq: Occasionally.
Selected advanced topics in the biological sciences.

494 Internship in Biological Sciences ..... 1-3 cr
Prereq: BIOS 210, 2.80 GPA, consent of instructor. Freq: Fall, Spring, Summer.
Provides learning experiences in which a student works with a sponsoring organization in either the public or private sector under the joint guidance of a member of the sponsoring organization and a faculty member. Graded credit/no credit. A maximum of 3 credits of BIOS 494 may be used toward elective credit in the major.

495 Senior Seminar ..... 1 cr
Prereq: Senior standing and consent of instructor. Freq: Fall, Spring.
Each participant presents several seminars involving literature search, synthesis of research data, and organization into an effective oral presentation.

499 Independent Study ..... 1-3 cr
Prereq: Consent of instructor and department chair. Junior standing and minimum 2.80 GPA in BIOS courses recommended. Freq: Fall, Spring, Summer.
Student research performed under the supervision of a regular faculty member. A maximum of 3 credits may be used toward elective credit in the major.

BUSINESS MANAGEMENT

Molinaro 344 • 262-595-2280

Degrees Offered:
Bachelor of Science.

Master of Business Administration (see graduate section of catalog).

Majors:
Accounting, Business Management, and Management Information Systems.

Business Management supports concentrations in finance, human resource management, marketing, and general business.

Professors:
Chalasani, Ph.D.; Ebeid, Ph.D.; Hawk, Ph.D.; Norton, Ph.D.; Rajan, Ph.D.; Wang, Ph.D.; Wright, Ph.D.

Associate Professors:
Baldwin, Ph.D.; Crooker, Ph.D.; Fok, Ph.D.; Gee, Ph.D.; Manion, Ph.D.; Zameeruddin, C.P.A., L.L.M., J.D.; Zheng, Ph.D.

Assistant Professors:
Dhumal, Ph.D.; He, Ph.D.; Knight, Ph.D.; Kuruvilla, Ph.D.; Ye, Ph.D.

Senior Lecturer:
Determan, M.S., C.P.A.; Holmberg-Wright, Ed.D.

Lecturers:
Cholak, M.B.A., J.D., C.P.A.; Gillespie, M.B.A.;

Professional Accreditations or Memberships:
The bachelor of science with majors in accounting, business management and management information systems, and the master of business administration programs are accredited by AACSB International – the Association to Advance Collegiate Schools of Business. Fewer than 5 percent of business programs globally and less than 30 percent in the United States meet the rigorous standards of quality set by AACSB International.

Career Possibilities:
Career opportunities depend on the major and concentration, but include accountant, sales and marketing representatives, information systems analyst, human resource specialist, computer programmer, project manager, product manager, market research analyst, cost analyst, financial analyst, logistics, recruiter, training specialist, entrepreneur, and personnel generalist.

Department of Business Overview

Faculty members in the Business Department are dedicated to providing students with quality instruction relevant to situations encountered in the changing world of business. Students can major in accounting, business management or management information systems (MIS). Students who major in business management will pursue a concentration in finance, general business, human resource management, or marketing. The three majors develop business skills in the primary functional areas through exposure to accounting, finance, marketing, organizational behavior, MIS, production management, and strategic planning. Each major and concentration allows the student to develop specialized skills in a particular area. Communication skills, quantitative techniques, leadership, teamwork, and computer technology are stressed throughout the curricula. In addition, students explore ethical considerations of business decisions and gain an understanding of multinational and multicultural aspects relevant to today's business world. Many students apply their class knowledge through internships or through community projects sponsored by the Ralph Jaeschke Solutions for Economic Growth (SEG) Center. The department also offers minors in business management, global management, and management information systems, as well as certificates in entrepreneurship, project management, retail management, and sales.

Program Level Outcomes

Students will build knowledge and skills in a variety of areas. However, the following learning goals are emphasized and accessed throughout all the accounting, business management, and MIS majors:

1. Students can recognize the ethical implications in a business situation and choose and defend an appropriate resolution.
2. The students can write effectively about a business problem or issue.
3. The students can make an effective oral presentation on a business problem or issue.
4. Each student is knowledgeable in project management principles and is able to apply these principles to a practical situation.
5. Students will be able to articulate important diversity issues – including, but not limited to, race, ethnicity, culture, gender, age, socio-economic status and political/religious/sexual orientation – in business management.
6. Students will be able to effectively use computer technology to support a business decision.

Solutions for Economic Growth (SEG) Center

The Ralph Jaeschke Solutions for Economic Growth (SEG) Center is a partnership between business, economics, and computer science faculty, students, and local businesses. Students in the SEG Center apply and develop their skills by working on real-world business projects in the community. Projects include business plan development, marketing research, promotions plan development, the analysis of production processes, strategic planning, cost evaluation, inventory planning, recruitment and retention of employees, web page design, network planning, security planning, and software development. Students working in the SEG Center have access to a modern computer lab and project meeting rooms.

Preparation for Graduate School

Undergraduate study in accounting, business management or management information systems provides excellent preparation for further graduate work in business as well as graduate study in a variety of areas including computer sciences, economics, hospital administration, industrial relations, law, and urban planning.

Business Honors

Students who major in accounting, business management or MIS and who maintain a GPA of 3.5 or higher in all upper-level business management course work and an overall GPA of 3.0 or better will graduate with business honors.

Beta Gamma Sigma is the honor society serving business programs accredited by AACSB International. Beta Gamma Sigma faculty members invite qualified business students for membership based on academic excellence.

Declaring a Major in Accounting, Business Management or Management Information Systems

Students must submit a plan declaration form to the Business Department office (Molinaro Hall 344) or the Advising and Career Center. Students will be classified as a declared major and will be notified of this declaration by the department via UW-Parkside e-mail. Majors will be assigned a faculty adviser from the Business Department.

Transfer students who have an interest in pursuing a degree with a business major should meet with the College of Business, Economics, and Computing academic adviser (Molinaro Hall 355) as early as possible to go over the transfer course evaluation and prerequisites.

Common Requirements and Policies for Business Majors

The accounting, business management, and MIS curricula are rigorous and extensive. It is imperative that students acquire a solid foundation of preparatory courses before commitment to one of these business majors. Students who are planning to enter one of these undergraduate programs are encouraged to declare their major early, so they may be assigned an appropriate faculty adviser.

These three majors share many common requirements and policies. Students should be familiar with the common policies as well as the specific requirements of their chosen major.

Common Business Graduation Requirements for Accounting, Business Management and MIS Majors

All accounting, business management, and MIS students are subject to the following graduation requirements.

A. Completion of 120 credits including general university requirements. A minimum of 57 credits of the total 120 credits required to graduate must be in areas other than business and upper-level economics. Speech 105, Math 112, English 201, 202 or 204, Economics 120 and 121 may count in this amount. Reconsideration of this policy will be given to students who enter UW-Parkside with advanced standing (e.g. foreign language, placement into college or advanced English or math classes, etc.).

B. Completion of requirements of the Business Department and individual majors as outlined below. Students must meet all requirements for the major in effect at the time of admission into the accounting, business management or MIS major.

C. Students must obtain a grade of C or better in each of the “Fundamental Preparation Courses” and “Business Preparation Courses” as listed in the section on course requirements.

D. An overall degree GPA of 2.00 or higher (including any transfer courses).

E. An overall GPA of 2.5 in 300/400 level business foundation and concentration courses (including any transfer courses).

Transfer Policies

Transfer students may fulfill some of the requirements for the accounting, business management or the MIS majors at UW-Parkside by transferring appropriate courses taken elsewhere (check with the CBEC academic adviser - Molinaro Hall 355). However, all students must complete at UW-Parkside at least 50 percent of the total business credits required for the bachelor of science degree in accounting, business management or MIS. The total business credits include the business preparation courses, the business foundation core courses, and the concentration courses. No more than 50 percent of the required credits for a concentration may be transferred. Only courses with a grade of C or better will be accepted (C-minus is not acceptable).

Only junior/senior level courses in business from regionally accredited four-year colleges or universities are eligible to be transferred for any 300 - 400 level course in business. Students

should work with the CBEC academic adviser and any such transfer credit should be approved by the associate dean.

Common Preparation and Foundation Course Requirements

Students should declare program major and concentration as soon as possible to stay on track toward graduation.

The following common requirements for degrees in accounting, business management and MIS are in addition to the university general education requirements. See individual major requirements for more details.

A. Fundamental Preparation Courses (16 credits)

B. Business Preparation Courses (15 credits)

C. Business Foundation Core (15-18)

A minimum grade of C or better is required in each course for each of these areas. C- is not acceptable.

Students must acquire an overall average GPA of 2.5 in 300/400 level foundation and concentration courses.

Approved transfer classes worth fewer credits than the equivalent class can reduce the credit requirement

Prerequisites for 300-400 level business courses:

- Accounting, business management, MIS major or minor, and concentration (if needed) declared,
- Completion of a minimum of 54 credits (junior standing),
- Minimum overall GPA of 2.00 (calculated with and without transfer grades),
- Be within 12 or fewer credits of completing general education requirements,
- Complete the following courses with a C or better (C-minus is not acceptable): ACCT 201, BUS 272, SPCH 105, ECON 120, ECON 121, MATH 112, QM 210.

Requirements for the Accounting Major (73 credits)

The accounting major is designed for business students who wish to prepare, analyze and verify financial documents. The accounting-specific courses provide students with a solid knowledge base and the strong quantitative skills necessary for a successful career in the accounting profession. UW-Parkside students who complete the current accounting major are well prepared to successfully pass the Uniform Certified Public Accountant Exam.

There are three main fields of accounting: public, private, and governmental. Each of these fields requires that the student learn precise skills in order to be successful; and these skills are continually emphasized through both course material and internships/externships taught by UW-Parkside faculty. The accounting major integrates study in accounting with study of business. Students majoring in accounting also take courses in marketing, finance, management, and production in addition to an expansive array of accounting courses.

Accounting Career Possibilities

Career opportunities in accounting include certified public accountant, staff accountant, tax specialist, auditing, and accounting manager.

Learning Goals

In addition to the business learning goals, the department has has defined the following learning goals for accounting majors.

1. Students will be able to prepare corporate financial statements and analyze corporate annual reports.
2. Students will be able to understand, apply, and communicate theory, methodology, and solutions of cost concepts, cost systems, and cost behavior for product pricing, performance evaluation, and other managerial decisions.
3. Students will be able to develop and implement an audit plan and create audit reports related to internal auditing, governmental auditing, and operational auditing.
4. Students will be able to prepare tax returns for individuals, “C” corporations, “S” corporations, and partnerships.
5. Students will be able to analyze cases and develop solutions that require applying principles from the Uniform Commercial Codes, the law of contracts, other areas of law, and professional ethical guidelines.

Accounting Course Requirements

Students should declare the accounting major as soon as possible to stay on track toward graduation. The accounting program at UW-Parkside includes fundamental and business preparation courses (31 credits), upper-level foundation courses (18 credits), and accounting courses (24 credits).

A. Common Preparation and Foundation Courses

1. Fundamental Preparation Courses (16 cr) **

Note: A minimum grade of C or better is required in each course below. C- is not acceptable.

ECON 120 Principles of Microeconomics ..... 3 cr
ECON 121 Principles of Macroeconomics ..... 3 cr
MATH 112 College Algebra II ..... 4 cr
SPCH 105 Public Speaking ..... 3 cr

Advanced Writing (3 cr)

Choose one:

ENGL 201	Advanced Composition	3 cr
ENGL 202	Technical Writing	3 cr
ENGL 204	Writing for Business and Industry	3 cr

** Approved transfer classes worth fewer credits than the equivalent class can reduce the 16 credit requirement (example – Math 112 transfers in with 3 credits, reducing credits in this area to 15 cr)

2. Business Preparation Courses (15 cr) **

Note: A minimum grade of C or better is required in each course below. C- is not acceptable.

ACCT 201	Financial Accounting	3 cr
ACCT 202	Managerial Accounting	3 cr
BUS 272	Legal Environment of Business	3 cr
QM 210	Business Statistics I	3 cr
QM 310	Business Statistics II	3 cr

** Approved transfer classes worth fewer credits than the equivalent class can reduce the 15 credit requirement.

Prerequisites for 300-400 level business courses:

- Accounting, business management, MIS major or minor, and concentration (if needed) declared,
- Completion of a minimum of 54 credits (junior standing),
- Minimum overall GPA of 2.00 (calculated with and without transfer grades),
- Be within 12 or fewer credits of completing general education requirements,
- Complete the following courses with a C or better (C-minus is not acceptable): ACCT 201, BUS 272, SPCH 105, ECON 120, ECON 121, MATH 112, QM 210.

3. Business Foundation Core (18 credits)

QM 319	Operations Management	3 cr
MIS 320	Management Information Systems*	3 cr
FIN 330	Managerial Finance	3 cr
MGT 349	Organizational Behavior	3 cr
MKT 350	Marketing Principles	3 cr
BUS 495	Strategic Management	3 cr

* MIS 320 is waived for those students double majoring in accounting and MIS

B. Required Courses for Accounting (24 credits)

ACCT 301	Intermediate Accounting I	3 cr
ACCT 302	Intermediate Accounting II	3 cr
ACCT 305	Individual Taxation	3 cr
ACCT 306	Business Taxation	3 cr
ACCT 400	Advanced Accounting	3 cr
ACCT 403	Advanced Cost Accounting	3 cr
ACCT 404	Auditing	3 cr
BUS 372	Business Law	3 cr
ACCT 405	Volunteer Income Tax Assistance (optional)	1 cr

Requirements for the Business Management Major (64-67 Credits)

Students majoring in business management are prepared for a variety of business careers. All students receive a foundation in the various functional areas of business. These students also select a particular area of business as a concentration; focusing their study in finance, human resource management, marketing, or general business. Students may choose more than one concentration. Advanced course work in the professional area should be taken after the student has completed most of the business foundation core courses. However, due to the sequence of course offerings, students may wish to begin advanced work in their professional areas prior to completing the entire core program. Students are encouraged to check with their faculty adviser on the scheduling of advanced course work.

The business management major includes fundamental and business preparation courses (31 credits) upper-level foundation courses (18 credits), and concentration courses (15-18 credits) as defined below.

A. Common Preparation and Foundation Courses

1. Fundamental Preparation Courses (16 cr) **

Note: A minimum grade of C or better is required in each course below. C- is not acceptable.

ECON 120	Principles of Microeconomics	3 cr
ECON 121	Principles of Macroeconomics	3 cr
MATH 112	College Algebra II	4 cr
SPCH 105	Public Speaking	3 cr

Advanced Writing (3 cr)

Choose one:

ENGL 201 Advanced Composition	3 cr
ENGL 202 Technical Writing	3 cr
ENGL 204 Writing for Business and Industry	3 cr

** Approved transfer classes worth fewer credits than the equivalent class can reduce the 16 credit requirement (example – Math 112 transfers in with 3 credits, reducing credits in this area to 15 cr)

2. Business Preparation Courses (15 cr) **

Note: A minimum grade of C or better is required in each course below. C- is not acceptable.

ACCT 201	Financial Accounting	3 cr
ACCT 202	Managerial Accounting	3 cr
BUS 272	Legal Environment of Business	3 cr
QM 210	Business Statistics I	3 cr
QM 310	Business Statistics II	3 cr

** Approved transfer classes worth fewer credits than the equivalent class can reduce the 15 credit requirement.

Prerequisites for 300-400 level business courses:

- Accounting, business management, MIS major or minor, and concentration (if needed) declared,
- Completion of a minimum of 54 credits (junior standing),
- Minimum overall GPA of 2.00 (calculated with and without transfer grades),
- Be within 12 or fewer credits of completing general education requirements,
- Complete the following courses with a C or better (C-minus is not acceptable): ACCT 201, BUS 272, SPCH 105, ECON 120, ECON 121, MATH 112, QM 210.

3. Business Foundation Core (18 credits)

QM 319	Operations Management	3 cr
MIS 320	Management Information Systems*	3 cr

FIN 330	Managerial Finance	3 cr
MGT 349	Organizational Behavior	3 cr
MKT 350	Marketing Principles	3 cr
BUS 495	Strategic Management	3 cr

* MIS 320 is waived for those students double majoring in business management and MIS

B. Business Management Concentration Requirement (15-18 credits)

Choose one:

1. Requirements for the Finance Concentration (18 credits)

Career possibilities include financial analyst, financial planner, banking professional, investment analyst, portfolio analyst, stockbroker, corporate buyer, cost estimator, budget analyst.

a. Required courses (9 credits):

FIN 335	Investments	3 cr
FIN 336	Management of Financial Institutions	3 cr
FIN 431	Advanced Managerial Finance	3 cr

b. Choose two courses (6 credits):

FIN 435	Security Analysis and Portfolio Management	3 cr
FIN 437	International Financial Management	3 cr
ACCT 301	Intermediate Accounting I	3 cr

2. Requirements for the General Business Concentration (18 credits)

Career possibilities include business administration, corporate communications, sales, retail management, logistics and materials management, hospitality management.

a. Required course (3 credits):

HRM 343	Human Resource Management	3 cr

b. Choose additional upper-level business courses (15 credits):

No more than two courses (6 credits) in any business area (accounting, business, entrepreneurship, finance, HRM, management, MIS, marketing, selling, project management, real estate, retail management, or statistics and quantitative methods).

The combined credits for BUS 494 Internship and BUS 499 Independent Study across all business disciplines cannot exceed 6 credits.

3. Requirements for the Human Resource Management Concentration (15 credits)

Career possibilities include benefits specialist, affirmative action officer, compensation manager, corporate trainer, employment policy manager, labor relations manager, recruiter and recruiting manager.

a. Required course (3 credits):

HRM 343	Human Resource Management	3 cr

b. Choose two courses (6 credits):

HRM 441	Staffing Organizations	3 cr
HRM 442	Improving Employee Performance	3 cr
HRM 444	Compensation and Benefits	3 cr

c. Elective Courses (6 credits):

Choose two:

HRM 490	Special Topics in Human Resource Management	3 cr
HRM 494	Internship in Human Resource Management	3 cr
HRM 499	Independent Study in Human Resource Management	3 cr
MGT 446	Global Management	3 cr
MGT 447	Management Techniques	3 cr
PMGT 342	Essential Personal Skills for Project Management	3 cr
RMGT 453	Retail Management	3 cr
RMGT 454	Service Management	3 cr
COMM 303	Organizational Communication	3 cr
COMM 385	Strategies for Constructive Dialogue	3 cr
COMM 485	Practicum in Conflict Intervention	3 cr
ECON 380	The Labor Market	3 cr
PSYC 330	Interviewing	3 cr
SOCA 371	Occupations and Professions	3 cr
SOCA 374	Women and Work	3 cr

* Students who choose to take HRM 441, 442, and 444 may count one of them as an elective. (Non-business electives may not be used toward the general business concentration.)

4. Requirements for the Marketing Concentration (18 credits)

Career possibilities include account executive, advertising manager, brand manager, communication director, international buyers, market research analyst, product development director.

a. Required courses (15 credits):

MKT 354	Marketing Research	3 cr
MKT 355	Buyer Behavior	3 cr
MKT 358	Promotions Management	3 cr
MKT 452	Product Management	3 cr
MKT 455	Marketing Management	3 cr

b. Choose one course (3 credits):

MKT 356	Global Marketing	3 cr
MKT 357	Multicultural Marketing	3 cr
MKT 458	Personal Selling	3 cr
MKT 467	Selling of Financial Services	3 cr
MKT 469	Advanced Personal Selling	3 cr
MKT 490	Special Topics in Marketing	3 cr
RMGT 453	Retail Management	3 cr
RMGT 454	Service Management	3 cr

Requirements for the Management Information Systems Major (73 credits)

The MIS major integrates a study of information technology (IT) with a study of business. To understand how a business works, MIS students take courses in marketing, finance, accounting, management, and production. MIS students also take IT courses such as website development, database management, programming, network administration, and systems analysis and design.

Management Information Systems Career Possibilities
Career opportunities include information systems analyst, business analyst, computer programmer, network administrator, database administrator, website developer, and project manager.

Learning Goals for MIS majors
MIS majors will be able to:

1. Document requirements of an information system using state-of-the-art modeling techniques.
2. Develop a data model that satisfies the third normal form (3NF).
3. Understand and apply the concepts of object-oriented systems.
4. Understand the design principles of computer network architectures and apply them to a business problem.
5. Understand project management principles and apply these principles to a practical situation.

MIS Course Requirements

Students should declare the MIS program major as soon as possible to stay on track toward graduation.

The MIS major at UW-Parkside includes fundamental and business preparation courses (31 credits), upper-level foundation courses (15 credits), and MIS courses (27 credits). All students In the MIS major must satisfy the Common Requirements and Policies for Business Majors.

A. Common Preparation and Foundation Courses

1. Fundamental Preparation Courses (16 cr) **

Note: A minimum grade of C or better is required in each course below. C- is not acceptable.

ECON 120	Principles of Microeconomics	3 cr
ECON 121	Principles of Macroeconomics.	3 cr
MATH 112	College Algebra II	4 cr
SPCH 105	Public Speaking	3 cr

Advanced Writing (3 cr)

Choose one:

ENGL 201	Advanced Composition.	3 cr
ENGL 202	Technical Writing	3 cr
ENGL 204	Writing for Business and Industry	3 cr

** Approved transfer classes worth fewer credits than the equivalent class can reduce the 16 credit requirement (example – Math 112 transfers in with 3 credits, reducing credits in this area to 15 cr)

2. Business Preparation Courses (15 cr) **

Note: A minimum grade of C or better is required in each course below. C- is not acceptable.

ACCT 201	Financial Accounting	3 cr
ACCT 202	Managerial Accounting	3 cr
BUS 272	Legal Environment of Business	3 cr
QM 210	Business Statistics I	3 cr
QM 310	Business Statistics II	3 cr

** Approved transfer classes worth fewer credits than the equivalent class can reduce the 15 credit requirement.

Prerequisites for 300-400 level business courses:

- Accounting, business management, MIS major or minor, and concentration (if needed) declared,
- Completion of a minimum of 54 cr (junior standing),
- Minimum overall GPA of 2.00 (calculated with and without transfer grades),
- Be within 12 or fewer credits of completing general education requirements,
- Complete the following with a C or better (C-minus is not acceptable): ACCT 201, BUS 272, SPCH 105, ECON 120, ECON 121, MATH 112, QM 210.

3. Business Foundation Core (15 credits)

QM 319	Operations Management	3 cr
FIN 330	Managerial Finance	3 cr
MGT 349	Organizational Behavior	3 cr
MKT 350	Marketing Principles	3 cr
BUS 495	Strategic Management	3 cr

B. MIS Foundation Core (21 credits)

MIS 220	Information Technology Foundations	3 cr
MIS 221	Business Programming	3 cr
MIS 322	Business Programming II	3 cr
MIS 327	Business Data Communication	3 cr
MIS 328	Database Management Systems	3 cr
MIS 425	System Analysis and Design	3 cr
MIS 428	IS Planning and Project Management	3 cr

C. MIS Elective Courses (6 credits)

Choose one or two courses from:

MIS 422	Internet Programming	3 cr
MIS 424	Advanced Business Data Communications	3 cr
MIS 426	Field Project	3 cr
MIS 429	e-Business	3 cr
PMGT 341	Basics of Project Management	3 cr
PMGT 441	Advanced Project Management Tools and Techniques	3 cr

Choose no more than one course from:

MIS 494	Internship in Management Information Systems	3 cr
CSCI 322	Web Concepts II	3 cr
CSCI 340	Data Structures and Algorithm Design	3 cr
CSCI 375	UNIX System Administration	3 cr
CSCI 478	Network Security	3 cr

Requirements for the Business Management Minor (31 credits)

The business management minor includes fundamental and business preparation courses (16 credits) and upper-level foundation courses (15 credits). For students who are planning on pursuing a M.B.A. at UW-Parkside completion of the business minor can fulfill the M.B.A. foundation courses.

To declare a minor in business, students must submit a plan declaration to the Advising and Career Center or the Business Department Office (Molinaro Hall 344).

A. Fundamental Preparation Courses (10 credits) *

MATH 112	College Algebra II	4 cr
ECON 120	Principles of Microeconomics	3 cr
ECON 121	Principles of Macroeconomics	3 cr

B. Business Preparation Courses (6 credits) *

ACCT 201	Financial Accounting	3 cr
QM 210	Business Statistics I	3 cr

* Approved transfer classes that transfer with fewer than the specified credits above may reduce the total credit requirement (example – MATH 112 equivalent transfers in with 3 credits, this reduces the credits in this area to 9 credits).

C. Business Foundation Core Courses (15 credits)

QM 319	Operations Management	3 cr
FIN 330	Managerial Finance	3 cr
MKT 350	Marketing Principles	3 cr
MGT 349	Organizational Behavior.	3 cr
MIS 320	Management Information Systems	3 cr

Requirements for the Global Management Minor (15 credits)

The global management minor requires five courses (15 credits). Non-business students can minor in global management but would also need to take the prerequisite courses defined for each class. To declare a minor in global management, students must submit a plan declaration to the Advising and Career Center or the Business Department office (Molinaro Hall 344).

A. Business Functional Area Foundation (3 credits)

Choose one:*

FIN 330	Managerial Finance	3 cr
MKT 350	Marketing Principles	3 cr

B. Required Course (3 credits)

MGT 446	Global Management	3 cr

C. Elective Courses (6 credits)*

Choose two:

FIN 437	International Financial Management	3 cr
MKT 356	Global Marketing	3 cr
BUS 490	An approved international business study tour	3 cr
	Additional pre-approved international business courses	3 cr

D. Additional Elective Course (3 credits)

Choose one additional elective from either the list below or courses not yet taken listed above:

ECON 308	Economic Development	3 cr
ECON 310	International Trade	3 cr
POLS 304	Theories of International Relations	3 cr
BUS 494	Internship in Business	3 cr

The internship must be completed with a company or subsidiary located outside of the United States or in the international division of a company located in the United States or with a small firm engaged in international business. If the internship takes place within the United States, it must entail significant involvement in the international side of the organization's business

* NOTE: No more than two business courses in section B and C can be double-counted for other business concentrations and majors.

Requirements for the Management Information Systems Minor (15-17 credits)

The management information systems (MIS) minor consists of a sequence of courses that impart fundamental knowledge and skills in the MIS field. Although not as in-depth as the MIS major, the MIS minor provides a useful complement to many majors.

The MIS minor requires 15-16 credits divided into the following categories: business requirement, programming requirement, and MIS requirements.

To declare a minor in MIS, students must submit a plan declaration form to the Advising and Career Center or the Business Department office (Molinaro Hall 344).

To earn the MIS minor students must have a minimum overall GPA of 2.00 (including any transfer credits) and a minimum GPA of 2.50 in the required courses.

A. Business Requirement (3 credits)

Choose one:

BUS 100	Introduction to Business	3 cr
ACCT 201	Financial Accounting	3 cr

B. Programming Requirement (3-5 credits)

Choose one:

MIS 221	Business Programming	3 cr
CSCI 145	Introduction to Computer Science	5 cr
BIOS 480	Bioinformatics	4 cr

C. MIS Requirement (9 credits)

Required courses:

MIS 327	Business Data Communications	3 cr
MIS 328	Database Management Systems	3 cr
MIS 425	Systems Analysis and Design	3 cr

Requirements for the Entrepreneurship Certificate (12 credits)

The certificate program in entrepreneurship offers students interested in owning or managing a small business or new venture both practical and theoretical training in the process of a business start-up, including self-assessment, opportunity recognition, feasibility assessment, creating a values-based business, writing a business plan, learning to manage and lead the growing new venture, and hands-on experience with existing new ventures. The certificate is designed for students who have already started a business as well as those who are interested in starting one in the future. The certificate program in entrepreneurship helps students to develop tools and understanding that will help them be successful whether in their own new ventures, working in their family's business, or working for an entrepreneurial firm. The truly distinctive feature of this program is the focus on socially responsible entrepreneurship and community based learning.

It is available to undergraduate business and non-business majors as well as non-degree seeking students. A minimum of a 2.0 cumulative GPA in required courses is required to earn the certificate.

Required courses (12 credits)

ENTR 250	Entrepreneurial Principles	3 cr
ENTR 350	Entrepreneurial Leadership	3 cr
ENTR 400	Entrepreneurial Strategy	3 cr
ENTR 450	Entrepreneurial Projects	3 cr

Requirements for the Project Management Certificate (12 credits)

The Business Department offers an online certificate in project management that is available to undergraduate business and non-business majors as well as non-degree seeking students. To be eligible for this certificate program, the student must meet at least one of the following requirements:

- Junior or senior standing at UW-Parkside or another college/university
- An undergraduate degree
- Five years of business experience, preferably at mid-level management or above or at an entrepreneurial firm
- Associate degree and two years of business experience, preferably at mid-level management or above or at an entrepreneurial firm

A minimum of a 2.0 cumulative GPA in required courses is required to earn the certificate.

Required Courses (12 credits)

PMGT 341	Basics of Project Management	3 cr
PMGT 342	Essential Personal Skills for Project Management	3 cr
PMGT 441	Advanced Project Management Tools and Techniques	3 cr
PMGT 442	Project Management Simulation	3 cr

Requirements for the Retail Management Certificate (12 credits)

This certificate program offers students interested in a career in services and retail management a set of specialized courses. The retail management certificate is only available to business majors and minors.

A minimum of a 2.0 cumulative GPA in required courses is required to earn the certificate.

A. Required Courses (6 credits)

RMGT 453	Retail Management	3 cr
RMGT 454	Services Management	3 cr

B. Additional Required Course (3 credits)**

Choose one:

MKT 355	Buyer Behavior	3 cr
HRM 343	Human Resource Management	3 cr

C. Elective Course (3 credits)

Choose one:

RMGT 490	Special Topics in Retail Management	3 cr
RMGT 494	Internship in Retail Management	3 cr
ENTR 250	Entrepreneurial Principles	3 cr
MIS 429	E-Business	3 cr
MKT 357	Multicultural Marketing	3 cr
MKT 358	Promotions Management	3 cr
MKT 467	Selling of Financial Services	3 cr
MKT 355	Buyer Behavior**	3 cr
HRM 343	Human Resource Management**	3 cr

** Course may be taken as elective only if not already fulfilling section B above.

Requirements for the Sales Certificate (12 credits)

The Business Department offers a certificate in sales that is available to undergraduate business and non-business majors as well as non-degree seeking students. This certificate program is accredited by the Sales Education Foundation (SEF). To be eligible for this certificate program, the student must meet at least one of the following requirements:

- Junior or senior standing at UW-Parkside or another college/university
- An undergraduate degree
- Five years of business experience, preferably at mid-level management or above or at an entrepreneurial firm
- Associate degree and two years of business experience, preferably at mid-level management or above or at an entrepreneurial firm

A minimum of a 2.0 cumulative GPA in required courses is required to earn the certificate.

Required courses (12 credits)

MKT 350	Marketing Principles	3 cr
MKT 467	Selling of Financial Services	3 cr
MKT 458	Personal Selling	3 cr
MKT 469	Advanced Personal Selling	3 cr

Non-Business Students

Non-business students may enroll in any 100- or 200-level business course if they meet the individual course prerequisites. To enroll in 300- or 400-level business courses, students must have junior or senior standing (completed a minimum of 54 credits), meet the course prerequisites, and have a minimum overall GPA of 2.00 (calculated with and without transfer grades). Students will need to get a permission number from the course instructor in order to register for an upper-level business course.

Independent Study Guidelines

The purpose of independent study is to provide qualified students an opportunity to conduct directed research on a business topic or issue of interest to the student. Such research is done under the supervision of a faculty member, but will be primarily student planned and conducted. Independent studies are intended to provide an opportunity for the student to enhance their academic experience; they are not intended to substitute for existing courses.

Requirements:
Students must have at least junior status (54 credits) and must have completed at least 50 percent of the upper-level business foundation core curriculum.

Independent study projects may range from 1 to 3 credits.

Grades received for independent study will count toward the computation of the major and the overall GPA.

A student can apply a maximum of 6 independent study credits toward graduation requirements. The combined credits for internships and independent studies across all business disciplines cannot exceed 6 credits. Other rules may apply to specific concentrations. Please refer to the course catalog for further information.

The student and the supervising faculty member must agree, in writing, on the nature of the project, the parameters, and the timeframe.

The student must submit the Permit to Register for Independent Study, with all required signatures, in accordance with UW-Parkside policies.

In general, a student cannot receive independent study credit for work that is essentially the same as an existing course.

Internship Guidelines

Internships provide opportunities for business management and MIS majors to apply classroom knowledge in a work setting. Internships are offered for credit in all concentration areas at the 400 level, and may be paid or unpaid. A student who wishes to complete an internship must provide a description of the work or project to be completed on the employer's letterhead. An agreement must be signed by the student, the faculty supervisor, the department chair, and the site supervisor. Internships are graded as either CR (credit) or NC (no credit). In order to receive credit, the student must (i) complete the appropriate number of work hours, (ii) provide a written performance evaluation from the internship supervisor, and (iii) complete one or more items of the following documentation (as determined by the faculty supervisor): regular status reports on the work performed, summary paper on internship experience, and/or other written documents prepared by the student related to the internship.

Requirements:
Internships can range from 1-3 credits, with 50 hours of internship work required for every 1 credit.

Students must have at least junior status (completion of 54 credit hours) and must have satisfactorily completed at least one upper-division business foundation core course in the area. There may be specific requirements in certain areas; please check the catalog for specific 494 courses.

Students must complete the Permission to Register for Internship form, along with supporting documentation and all relevant signatures, as per UW-Parkside policies.

Students must normally complete the work during the semester in which the credit is taken. If the work runs beyond the semester for which the student is registered, a grade of Incomplete may be assigned pending completion of the work during the following semester.

The internship supervisor must complete and submit the 'internship evaluation' form from the department.

A maximum of 6 internship credits may be counted toward graduation requirements. The combined credits for internships and independent studies across all business disciplines cannot exceed 6 credits. Other specific rules may apply to other concentrations. Please refer to the course catalog for further information.

Business Department Policies and Procedures

1. All business students must have a minimum overall GPA of 2.00 (calculated with and without transfer grades), have junior status (54 credits), and must have satisfactorily completed the pre-business curriculum to enroll in any 300- or 400-level business course.
2. All students must have completed the stated prerequisites to enroll in any business course. Both the instructor and department chair must approve any deviation from this policy.
3. Students with a business major who have not completed a course at UW-Parkside for 12 consecutive months will be dropped as a major. Once dropped, a student must reapply for major status and will be required to follow all requirements in effect at the time of re-admittance.
4. All students must complete their degree program within 10 years of completing their first 300-level business course.
5. Students are required to have a minimum overall GPA of 2.00 to be accepted as a business management or MIS major.

6. All students are required to meet with their adviser prior to registration each semester.
7. The final responsibility in selection of courses and the fulfillment of all graduation requirements rests with the student.
8. Students who feel that exceptional circumstances beyond their control justify an exception to any policy or procedure of the Business Department may submit a formal appeal to the Undergraduate Committee of the department. Appeal procedures are available in the Business Department office (Molinaro Hall 344).

Courses in Business

ACCOUNTING (ACCT)

201 Financial Accounting ..... 3 cr
Prereq: MATH 111, Microsoft Excel knowledge. Freq: Fall, Spring.
An introduction to financial accounting emphasizing basic concepts and procedures in accumulating, measuring, and communicating financial information. Includes preparation, analysis, and interpretation of financial statements.

202 Managerial Accounting ..... 3 cr
Prereq: ACCT 201, QM 210, ECON 120, Microsoft Excel knowledge. Freq: Fall, Spring.
Identifies relevant accounting and financial information for managerial decisions. Analyzes product costing, pricing, capital budgeting, profit planning, performance reporting, and variance analysis.

204 Accounting for Non-Business Majors ..... 3 cr
Prereq: Completion math comp or equivalent. Freq: Occasionally.
Emphasizes understanding and use of accounting information in making decisions. Covers financial planning and budgets, analysis of financial statements, analysis and control of costs, profit and productivity analyses. Not available to business majors for credit.

301 Intermediate Accounting I ..... 3 cr
Prereq: ACCT 201, FIN 330 or concurrent registration. Freq: Fall.
Study of income statement and balance sheet with in-depth study of accounting for assets, liabilities, and owners' equity.

302 Intermediate Accounting II ..... 3 cr
Prereq: ACCT 301. Freq: Spring.
Study of accounting for pensions, leases, income taxes, changing prices, as well as the statement of cash flows, revenue recognition, and accounting changes and error analysis.

305 Individual Taxation ..... 3 cr
Prereq: ACCT 201. Freq: Fall.
Examination of the U.S. federal income tax law pertaining to individuals, including business and investment activities.

306 Business Taxation ..... 3 cr
Prereq: ACCT 305. Freq: Spring.
Examination of the U.S. federal income tax law pertaining to corporations, partnerships, estates, and trusts.

400 Advanced Accounting ..... 3 cr
Prereq: ACCT 302. Freq: Fall.
Application of accounting principles and procedures to -business combinations, foreign operations and transactions, governmental and nonprofit organizations, and partnerships.

401 Accounting Theory ..... 3 cr
Prereq: ACCT 302. Freq: Occasionally.
History and development of accounting theory; in-depth analysis of selected contemporary issues and formulation of accounting theory as related to generally accepted accounting principles.

402 Accounting Systems ..... 3 cr
Prereq: ACCT 301, MIS 320. Freq: Occasionally.
Planning, design and examination of both manual and -computer-based accounting information systems, with -particular emphasis on internal control requirements.

403 Advanced Cost Accounting ..... 3 cr
Prereq: ACCT 202. Freq: Fall.
Cost information for management planning and control. Capital budgeting, project appraisal, marketing cost effectiveness, segment reporting, transfer pricing, measuring divisional performance, and profit analysis.

404 Auditing ..... 3 cr
Prereq: ACCT 302, MIS 320. Freq: Spring.
Study of auditing of financial statements and internal control. Emphases include AICPA standards, audit reports, audit evidence including sampling, EDP auditing, professional ethics, and accountant's legal liability.

405 Volunteer Income Tax Assistance (VITA) ..... 1 cr
Prereq: ACCT 305. Freq: Spring.
VITA is a volunteer program administered by the Internal Revenue Service. Students will prepare income tax returns and provide other tax assistance for low-income, elderly, and other individuals requiring income tax assistance at public sites in the Racine and Kenosha area. Credit/no-credit grading basis.

490 Special Topics in Accounting ..... 1-3 cr
Prereq: Dependent on subject matter. Freq: Occasionally.
Selected topics in accounting. Subject varies; see current course schedule.

494 Internship in Accounting ..... 1-3 cr
Prereq: As provided in guidelines and policies available in Business Department; consent of instructor; department chair approval. Freq: Fall, Spring, Summer.
Designed to provide actual or quasi on-the-job learning experiences in which a student works with a single sponsoring organization in either the public or private sector under the supervision of a faculty member. Credit/no-credit grading basis.

499 Independent Study in Accounting ..... 1-3 cr
Prereq: As provided in guidelines and policies available in Business Department; consent of instructor; department chair approval. Freq: Fall, Spring, Summer.
Designed to provide qualified students with an opportunity to conduct research projects in an appropriate area of accounting under the supervision of a faculty member. Six hours credit maximum.

BUSINESS (BUS)

100 Introduction to Business ..... 3 cr
Prereq: None. Freq: Fall, Spring.
An introduction to the role of business in modern society; the functional areas of the business enterprises. Not open to juniors and seniors majoring in business.

272 Legal Environment of Business ..... 3 cr
Prereq: None. Freq: Fall, Spring.
The legal and ethical environment in which business -operates, with emphasis on government regulation.

290 Special Topics in Business Management ..... 1-3 cr
Prereq: None. Freq: Occasionally.
Selected topics in business management. Subject varies; see current course schedule.

372 Business Law ..... 3 cr
Prereq: BUS 272. Freq: Spring.
A study of the substantive areas of law relating to business including contracts, the Uniform Commercial Code, and business organizations.

490 Special Topics in Business Management.....1-3 cr
Prereq: Dependent on subject matter. Freq: Occasionally.
Selected topics in business management. Subject varies; see current course schedule.

494 Internship in Business.....1-3 cr
Prereq: As provided in guidelines and policies available in Business Department; consent of instructor; department chair approval. Freq: Fall, Spring, Summer.
Designed to provide actual or quasi on-the-job learning experiences in which a student works with a single sponsoring organization in either the public or private sector under the supervision of a faculty member. Credit/no-credit grading basis.

495 Strategic Management.....3 cr
Prereq: Senior standing; FIN 330, MKT 350, MGT 349. Freq: Fall, Spring.
The capstone course focuses on strategic management as a critical function and responsibility of general managers. Individual and group case analyses and presentations provide experience in the ability to manage the process by which an organization continuously formulates, implements, and evaluates its strategic options. Encompasses all functional areas of an organization including marketing, finance, accounting, human resources, and management information systems. Critical skills will be developed in analyzing organizations, their competitive environments, and strategic alternatives.

499 Independent Study in Business Management.....1-3 cr
Prereq: As provided in guidelines and policies available in Business Department; consent of instructor; department chair approval. Freq: Fall, Spring, Summer.
Designed to provide qualified students with an opportunity to conduct research projects in an appropriate area of business under the supervision of a faculty member. Six hours credit maximum.

ENTREPRENEURSHIP (ENTR)

250 Entrepreneurial Principles.....3 cr
Prereq: Sophomore standing; BUS 100 or other business course or concurrent registration. Freq: Fall.
Covers the principles and key concepts of entrepreneurship, focusing on self-assessment, opportunity recognition, innovation and creativity, and the various functions involved in starting a venture.

350 Entrepreneurial Leadership.....3 cr
Prereq: Sophomore standing; BUS 100 or other business course; ENTR 250 or concurrent registration. Freq: Yearly.
Covers the theory and application of leadership principles to entrepreneurship, integrating a community-based service-learning project, guest speaker presentations, and on-site visits to new ventures and regional resource centers.

400 Entrepreneurial Strategy.....3 cr
Prereq: ENTR 250. Freq: Yearly.
A "Capstone course" that requires creating a business plan. The course is functionally integrative, using case studies that incorporate the many functions involved in new ventures.

450 Entrepreneurial Projects.....3 cr
Prereq: ENTR 250. Freq: Yearly.
Applied project working with owners and managers of small businesses and non-profit organizations under faculty supervision through Solutions for Economic Growth (SEG) Center. All projects will employ the project management protocols developed through SEG.

FINANCE (FIN)

234 Personal Financial Planning.....3 cr
Prereq: Computational skills req or equivalent. Freq: Fall, Spring.
Analysis of economic factors and personal decisions that affect the individual's financial well-being; topics include financial planning, money management, investments, consumer borrowing, insurance, and retirement and estate planning. Course cannot be used as a finance or general business concentration elective.

330 Managerial Finance.....3 cr
Prereq: ACCT 201, QM 210 or MATH 309, ECON 121. Freq: Fall, Spring.
Introduction to concepts and practices of managerial finance, time value of money, bond and stock valuation, financial statements, capital budgeting, and cost of capital.

335 Investments.....3 cr
Prereq: QM 310, FIN 330. Freq: Fall.
Introduction to securities markets and various investment instruments; topics include organization and operation of global securities markets, risk and return analysis, asset -allocation, and efficient markets.

336 Management of Financial Institutions.....3 cr
Prereq: QM 310, FIN 330 or concurrent registration. Freq: Spring.
Examines the structure and operation of financial institutions including commercial banks, thrifts, credit unions, insurance companies, security firms and investment banks, finance companies, mutual funds, and pension funds. Covers the techniques used to analyze and manage risks of financial institutions.

431 Advanced Managerial Finance.....3 cr
Prereq: QM 310, FIN 330. Freq: Fall.
In-depth analysis of topics in managerial finance, lease financing, capital structure and valuation, dividend policy, business expansion and contraction, and international finance.

435 Security Analysis and Portfolio Management.....3 cr
Prereq: FIN 335. Freq: Spring.
An advanced course in investments with an emphasis on developing skills for appraising the value of equities and fixed-income securities; a comprehensive financial markets trading simulation provides experience in the theory and practice of securities trading and portfolio management.

437 International Financial Management.....3 cr
Prereq: FIN 330. Freq: Spring.
Acquaints students with the role of financial management in a multinational corporation context. Introduces concepts of foreign exchange rates, foreign exchange risk, hedging, and long-term aspects of multinational financial management.

490 Special Topics in Finance.....1-3 cr
Prereq: Dependent on subject matter. Freq: Occasionally.
Selected topics in finance. Subject varies; see current course schedule.

494 Internship in Finance.....1-3 cr
Prereq: As provided in guidelines and policies available in Business Department; consent of instructor; department chair approval. Freq: Fall, Spring, Summer.
Designed to provide actual or quasi on-the-job learning experiences in which a student works with a single sponsoring organization in either the public or private sector under the supervision of a faculty member. Credit/no-credit grading basis.

499 Independent Study in Finance.....1-3 cr
Prereq: As provided in guidelines and policies available in Business Department; consent of instructor; department chair approval. Freq: Fall, Spring, Summer.
Designed to provide qualified students with an opportunity to conduct research projects in an appropriate area of finance under the supervision of a faculty member. Six hours credit maximum.

HUMAN RESOURCE MANAGEMENT (HRM)

343 Human Resource Management.....3 cr
Prereq: Junior or senior standing. Freq: Fall, Spring.
Covers the major functions of a human resource management system; acquiring, developing, rewarding, and maintaining employees; emphasis on effective, ethical, and legal HR practices.

441 Staffing Organizations ..... 3 cr
Prereq: HRM 343. Freq: Spring.
Advanced course on planning for recruiting, selecting and retaining an organization's labor force, in the context of the staffing environment (e.g., laws and regulations) and using necessary tools (e.g., statistical measurement). SEG or CBL project component expected.

442 Improving Employee Performance ..... 3 cr
Prereq: HRM 343, MGT 349. Freq: Fall
Advanced course on managing employees to maximize job performance, including employee training and development, and performance management. A systems approach to design, implementation, and evaluation will be applied to the processes. SEG or CBL project component expected.

444 Compensation and Benefits ..... 3 cr
Prereq: HRM 343. Freq: Fall.
Administration of direct and indirect compensation systems. Policies, procedures, and legislation relating to individual, group, and organizational base pay and incentives. Design, financing, and administration of benefit plans.

490 Special Topics in Human Resource Management ..... 1-3 cr
Prereq: Dependent on subject matter. Freq: Occasionally.
Selected topics in human resource management. Subject varies; see current course schedule.

494 Internship in Human Resource Management ..... 1-3 cr
Prereq: As provided in guidelines and policies available in Business Department; consent of instructor; department chair approval.
Freq: Fall, Spring, Summer.
Designed to provide actual or quasi on-the-job learning experiences in which a student works with a single sponsoring organization in either the public or private sector under the supervision of a faculty member. Credit/no-credit -grading basis.

499 Independent Study in Human Resource Management ... 1-3 cr
Prereq: As provided in guidelines and policies available in Business Department; consent of instructor; department chair approval.
Freq: Fall, Spring, Summer.
Designed to provide qualified students with an opportunity to conduct research projects in an appropriate area of human resource management under the supervision of a faculty member. Six hours credit maximum.

MANAGEMENT (MGT)

349 Organizational Behavior ..... 3 cr
Prereq: Junior or senior standing. Freq: Fall, Spring.
An introduction to individual and group behavior in organizations and to organizational theory. Topics include motivation, communication, stress, leadership decision-making, organizational processes and structures, and interactions between organizations and external environments.

446 Global Management ..... 3 cr
Prereq: ECON 121. Freq: Fall.
Explores global challenges and potential solutions for businesses and other organizations with international operations. Topics include cross-cultural approaches and strategies to effectively manage workers in different countries and regions of the world. The course entails in-depth study of global management skills, the impact of advancing technology, complex workplace changes, economic transformations, different cultural contexts, the world economy, and global marketplace.

447 Management Techniques ..... 3 cr
Prereq: MGT 349. Freq: Occasionally
Development of the fundamental skills essential to effective management. Role-playing, experiential exercises, case analysis and applied projects provide opportunity for practice and application in areas including time management, problem solving, communication, influence, motivation, rewards, delegation, and conflict resolution.

490 Special Topics in Management ..... 1-3 cr
Prereq: Dependent on subject matter. Freq: Occasionally.
Selected topics in management. Subject varies; see current course schedule.

494 Internship in Management ..... 1-3 cr
Prereq: As provided in guidelines and policies available in Business Department; consent of instructor; department chair approval.
Freq: Fall, Spring, Summer.
Designed to provide actual or quasi on-the-job learning experiences in which a student works with a single sponsoring organization in either the public or private sector under the supervision of a faculty member. Credit/no-credit grading basis.

499 Independent Study in Management ..... 1-3 cr
Prereq: As provided in guidelines and policies available in Business Department; consent of instructor; department chair approval.
Freq: Fall, Spring, Summer.
Designed to provide qualified students with an opportunity to conduct research projects in an appropriate area of management under the supervision of a faculty member. Six hours credit maximum.

MANAGEMENT INFORMATION SYSTEMS (MIS)

220 Information Technology Foundations ..... 3 cr
Prereq: Math 111. Freq: Spring.
Basic foundations in computer software, hardware, business applications, projects, and careers. Introduces project management and web page development including markup languages and style sheets.

221 Business Programming I ..... 3 cr
Prereq: Math 111. Freq: Fall, Spring.
Conceptual and practice-oriented approach to define a business problem, design and test solution logic, implement and code the logic through sound structured programming techniques to develop programs that are robust and easy to maintain.

290 Special Topics in Management Information Systems ..... 1-3 cr
Prereq: Dependent on subject matter. Freq: Occasionally.
Selected topics in MIS; subject matter varies.

320 Management Information Systems ..... 3 cr
Prereq:, ACCT 201. Freq: Fall, Spring.
Use of the computer as a problem-solving tool, as part of data processing systems, MIS and decision support systems; information systems planning and development; overview of database management, networking and web technologies; project management. This course may be offered online.

322 Business Programming II ..... 3 cr
Prereq: MIS 221. Freq: Fall.
Introduction to object-oriented programming; covers the basics of creating classes, encapsulation, constructors, error handling, polymorphism, and inheritance; writing programs using classes and relational databases. This course may be offered online.

327 Business Data Communications ..... 3 cr
Prereq: None. Freq: Fall.
Fundamental principles of data communications, analysis and design of computer communication networks ranging from LAN to global networks, state-of-the-art communication technology, network monitoring and management. This course may be offered online.

328 Database Management Systems ..... 3 cr
Prereq: MIS 221. Freq: Fall.
Data modeling techniques including object-oriented modeling, database systems concepts, and use of structured query language for information processing, client/server architecture, distributed databases. This course may be offered online.

422 Internet Programming ..... 3 cr
Prereq: MIS 220, 322. Freq: Occasionally.
Introduction to web-based application development using object-oriented programming languages: database connectivity, graphical user interfaces, event-driven software, and the development of server-side programs. This course may be offered online.

424 Advanced Business Data Communications ..... 3 cr
Prereq: MIS 327. Freq: Occasionally.
Fundamentals of transmission protocols and network services; setting up and configuring network protocols, routing, security, and networking services such as name resolution and dynamic addressing; lab exercises and case studies. This course may be offered online.

425 System Analysis and Design ..... 3 cr
Prereq: MIS 322, MIS 328. Freq: Spring.
System development using the life cycle, rapid application development, prototyping, software acquisition, structured and object-oriented techniques and project management. This course may be offered online.

426 Field Project ..... 3 cr
Prereq: Instructor consent. Freq: Occasionally.
Planning, analysis, development of solution for an organization; hands-on experience with executing all phases, including project management and documentation, of an actual project sponsored by an organization.

428 IS Planning and Project Management ..... 3 cr
Prereq: MIS 425 or concurrent registration. Freq: Spring.
Management of Information Technology (IT), the Information Systems (IS) department, and IS projects from the perspective of IT management, the chief information officer, and upper management. This course may be offered online.

429 e-Business ..... 3 cr
Prereq: Junior or senior standing. Freq: Occasionally.
Overview of e-business including technologies, business-to-consumer (B2C) models, products and services; advertising; shopping cart systems; business-to-business (B2B) models; technologies and XML; strategy, e-business global issues. software agents, and societal implications of e-business. This course may be offered online.

490 Special Topics in Management Information Systems ....1-3 cr
Prereq: Dependent on subject matter. Freq: Occasionally.
Selected topics in MIS. Subject varies; see current course schedule.

494 Internship in Management Information Systems .....1-3 cr
Prereq: As provided in guidelines and policies available in Business Department; consent of instructor; department chair approval. Freq: Fall, Spring, Summer.
Designed to provide actual or quasi on-the-job learning -experiences in which a student works with a single sponsoring organization in either the public or private sector under the supervision of a faculty member. Credit/no-credit -grading basis.

499 Independent Study in Management Information Systems .....1-3 cr
Prereq: As provided in guidelines and policies available in Business Department; consent of instructor; department chair approval. Freq: Fall, Spring, Summer.
Designed to provide qualified students with an opportunity to conduct research projects in an appropriate area of MIS under the supervision of a faculty member. Six hours credit maximum.

MARKETING (MKT)

350 Marketing Principles ..... 3 cr
Prereq: ECON 120. Freq: Fall, Spring.
An introduction to the general marketing process, which is involved in the distribution and exchange of goods and services. Product, pricing, promotion, distribution, and buyer behavior variables are surveyed within the context of market planning.

354 Marketing Research ..... 3 cr
Prereq: MKT 350, QM 310. Freq: Spring.
Study of scientific procedures applicable to marketing research. Methodological considerations include defining information needs, determining research design, collecting/analyzing data, and report preparation. Case studies.

355 Buyer Behavior ..... 3 cr
Prereq: MKT 350. Freq: Fall.
Theoretical and applied research and concepts in the buying decision processes in households, businesses, nonprofit and government organizations as these relate to development, implementation, and assessments of marketing strategies. Covers contributions from social and behavioral sciences as well as marketing.

356 Global Marketing ..... 3 cr
Prereq: MKT 350. Freq: Spring.
Examines managing the marketing function in the global context, including increasingly competitive international market dynamics and environmental factors.

357 Multicultural Marketing ..... 3 cr
Prereq: MKT 350. Freq: Occasionally. (Meets Diversity Requirement.)
Examines recent research and best practices in marketing to various ethnic and sexual orientation groups, examining both the largest "traditional" ethnic segments (Asian-American, African-American, and Hispanic-American) as well as the LGBTQ market and "multi-cultural market" in general to prepare students for marketing challenges in an increasingly dynamic market with rapidly changing tastes.

358 Promotions Management ..... 3 cr
Prereq: MKT 350. Freq: Spring.
Analysis of the management of the firm's promotional mix; study of techniques and strategies in the use of advertising, personal selling, sales promotion, and public relations.

452 Product Management ..... 3 cr
Prereq: MKT 350. Freq: Fall.
A systematic approach to product planning, product development, and product management over time; examination of appropriate strategies for product review and monitoring via case analysis.

455 Marketing Management ..... 3 cr
Prereq: MKT 350, MKT 355, and MKT 354 or consent of instructor. Freq: Spring and Summer.
Marketing strategies and the strategic planning process in practical business situations. Case studies, or projects, and/or live problems of area organizations are conducted through the Solutions for Economic Growth (SEG) Center.

490 Special Topics in Marketing .....1-3 cr
Prereq: Dependent on subject matter. Freq: Occasionally.
Selected topics in marketing. Subject varies; see current course schedule.

494 Internship in Marketing .....1-3 cr
Prereq: MKT 350, MKT 355, and MKT 354; and consent of instructor and department chair approval. Freq: Occasionally.
Encourages students to apply theories learned in marketing courses to on-the-job learning situations. Student will work with an employer organization under a direct supervisor with faculty oversight. Grade is based on reported satisfaction of direct supervisor with work deliverables. Credit/no-credit grading basis.

499 Independent Study in Marketing.....1-3 cr
Prereq: MKT 350, MKT 355, and MKT 354; and consent of instructor and department chair approval. Freq: Occasionally.
Designed to provide qualified students with an opportunity to conduct a research project in an appropriate area of marketing, under the supervision of a faculty member.

PROJECT MANAGEMENT (PMGT)

341 Basics of Project Management ..... 3 cr
Prereq: None. Freq: Yearly.
This course covers Project Management Body of Knowledge (PMBoK) specified by Project Management Institute (PMI) in detail. Project management topics include lifecycle, processes, integration, scope, time, cost, human resources, communication, risk and procurement.

342 Essential Personal Skills for Project Management ..... 3 cr
Prereq: None. Freq: Yearly.
Provides students with a background in personal skills essential for effective project management, including general intelligence, emotional intelligence, groups and teams, project leadership, stress, ethics, and communication.

441 Advanced Project Management Tools and Techniques..... 3 cr
Prereq: PMGT 341. Freq: Yearly.
Covers advanced tools and technologies of project management, including Microsoft Project and Microsoft Excel, Work Breakdown Structure (WBS), budgeting a project, scheduling a project using PERT/CPM, allocating scarce resources, critical chain and critical path, resource leveling, monitoring the project costs, evaluating and terminating a project.

442 Project Management Simulation..... 3 cr
Prereq: PMGT 341, 342. Freq: Yearly
Topics include project scheduling, risk analysis, earned value, and teamwork. Students apply project management skills to a simulated or live project, develop project justification and project plan, and execute the project plan and track performance.

REAL ESTATE (RLST)

380 Real Estate Principles..... 3 cr
Prereq: Junior or senior standing. Freq: Occasionally.
Provides students with an understanding of real estate markets and service providers working within these markets; exposes students to the informational requirements of real estate transactions and the elements of real estate contracts.

381 Real Estate Law ..... 3 cr
Prereq: RLST 380. Freq: Occasionally.
Focuses on real estate law covering disputes that often arise in a real estate transaction as well as the questions raised in the day-to-day operations of a real estate broker's office, including in-depth analysis of real estate contracts.

382 Real Estate Valuation and Investment ..... 3 cr
Prereq: Junior or senior standing. Freq: Occasionally.
Introduces students to the tools used by real estate investors, lenders, brokers, developers, and appraisers to evaluate the income producing potential of various real estate investments.

RETAIL MANAGEMENT (RMGT)

453 Retail Management..... 3 cr
Prereq: MGT 349, MKT 350. Freq: Fall.
Management practices specific to the retail industry relative to environment, strategy, location, customers, merchandise management (supply chain, pricing, IMC), store design, human resources, information systems, and laws and ethics.

454 Service Management..... 3 cr
Prereq: MGT 349, MKT 350. Freq: Spring.
Design and management of service businesses. Includes processes, technology, location, customer service, capacity and demand queues. Quantitative tools included.

490 Special Topics in Retail Management.....1-3 cr
Prereq: Varies by topic. Freq: Occasionally.
Selected topics in retail management. Subject varies; see current course schedule.

494 Internship in Retail Management.....1-3 cr
Prereq: A provided in the guidelines and policies available in the Business Department; consent of instructor and department chair. Freq: Fall.
Applies theories learned in retail management courses to on-the-job learning situations. Students work with an employer organization under a direct supervisor with faculty oversight. Grade is based on reported satisfaction of direct supervisor with work deliverables. Credit/no credit grading basis.

SELLING (MKT)

458 Personal Selling..... 3 cr
Prereq: MKT 350. Freq: Fall.
Designed to gain an understanding of personal selling as a major function within the marketing and promotional mix of a firm. The course utilizes videotaped analysis of student-sales role plays to develop selling skills.

467 Selling of Financial Services..... 3 cr
Prereq: MKT 458. Freq: Spring.
Focuses on how financial institutions design and market their services and products through the personal selling function.

469 Advanced Personal Selling..... 3 cr
Prereq: MKT 458. Freq: Spring.
Examines concepts of strategic account management, customer relationship management, consultative selling, and customer problem diagnosis in a variety of situations.

STATISTICS AND QUANTITATIVE METHODS (QM)

210 Business Statistics I ..... 3 cr
Prereq: MATH 112. Freq: Fall, Spring.
Introduction to descriptive statistical analysis; probability and expectation; discrete and continuous probability models; sampling distributions; hypothesis testing and estimation. Emphasis is on a conceptual understanding of statistical analysis and its application to and interpretation for business problems.

310 Business Statistics II ..... 3 cr
Prereq: QM 210, MATH 112. Freq: Fall, Spring.
Advanced inferential techniques including analysis of -variance; simple and multiple linear correlation and -regression techniques; Bayesian decision analysis; time-series analysis; non-parametric techniques; use of computer analysis for applied business problems.

319 Operations Management ..... 3 cr
Prereq: QM 210, MATH 112. Freq: Fall, Spring.
Role of the operations function in an organization; strategy and competitiveness, supply chain management, forecasting and inventory control, total quality management, statistical quality control, lean manufacturing, scheduling, project management, and application of these principles in manufacturing and service organizations.

490 Special Topics in Statistics and Quantitative Methods .....1-3 cr
Prereq: Dependent on subject matter. Freq: Occasionally.
Selected topics in statistics and quantitative methods. Subject varies; see current course schedule.

CHEMISTRY

Greenquist 344 • 262-595-2326

Degree Offered:
Bachelor of Science.

Professors:
Judge, Ph.D.; Kolb, Ph.D.

Associate Professors:
Allen, Ph.D.; Chang, Ph.D.; Wood, Ph.D. (Chair)

Lecturers:
J. Magonski, Ph.D.; K. McReynolds, M.S.

Laboratory Manager:
J. Wall, B.S.

Professional Accreditations and Memberships:
The chemistry degree program is approved by the American Chemical Society.

Student Organizations and Clubs:
Chemistry majors are encouraged to join the Chemistry Club.

Career Possibilities:
Chemistry graduates have an excellent placement rate. They enter graduate programs, medical school and pharmacy school and are qualified for employment in a wide variety of areas including agriculture, biotechnology, consulting, environmental control, consumer products, education, food science, forensics, geology, hazardous waste management, materials science, medicinal chemistry, petroleum, pharmaceuticals, polymers, sales and marketing, and water management. The UW-Parkside Advising and Career Center, the American Chemical Society and the Chemistry Club maintain information resources regarding careers in chemistry.

Department Overview

The chemistry curriculum is designed to prepare students for careers in the chemical sciences, to further the education of those already employed in chemistry-related professions, and to prepare students for the successful completion of graduate or professional programs. The curriculum offers a strong foundation in chemistry, physics and mathematics, and advanced studies in the traditional areas of specialization including analytical, biochemistry, inorganic, organic, and physical chemistry. Hands-on work in modern, well-equipped laboratories is stressed and students are encouraged to participate in faculty-directed independent research projects. A separate concentration in biochemistry is also offered. The chemistry major can be complemented by one of several related minors such as biological sciences, computer science, environmental studies, mathematics or physics.

Program Goals and Learning Outcomes

1. Students develop a knowledge and understanding of chemistry and use it to communicate results from scientific studies in the field of chemistry in formats suitable to the profession. Students will evaluate literature and other information relevant to their work, summarize information in tables and graphs, write effective reports and give effective oral presentations.
2. Students perform and evaluate scientific experiments and studies in the field of chemistry. Students will perform experiments using accepted laboratory practices, evaluate results in the context of relevant scientific principles, and propose appropriate future directions for the study based upon the findings
3. Students act as socially responsible members of the profession. Students will demonstrate concern for the health and safety of others by using proper safety protocols, apply chemical principles to everyday life, and treat each other with respect.

Teacher Licensure

Students interested in becoming teachers will need to complete an approved program pathway to a Wisconsin initial educator license. The approved pathway to this license is a structured collaboration between the general education program, the major in chemistry, and the Institute of Professional Educator Development (IPED). All approved educator licensure pathways at UW-Parkside require admission to IPED's Educator Development Program. It is very important to contact the IPED Advisor at 262-595-2180 as soon as possible. Ideally, students interested in teaching should meet with the IPED adviser before enrolling in any university courses. The IPED adviser will work with you to complete your application to IPED's Educator Development Program and coordinate advising with the chemistry department affiliate. Complete information about IPED and the Educator Development Program is available on our website.

Preparation for Graduate School

Some graduate programs require that specific courses be taken for admission. Students considering graduate study should consult their adviser and the admissions office of the graduate program.

Requirements for the Chemistry Major (71-72 credits)

At least 15 credits of upper-level courses in the major must be completed at UW-Parkside. Chemistry majors must have a minimum GPA of 2.50 in all courses required for the major, including math and physics.

A. Core Chemistry Courses (42 credits)

CHEM 101	General Chemistry I	5 cr
CHEM 102	General Chemistry II	5 cr
CHEM 206	Quantitative Analysis	5 cr
CHEM 302	Physical Chemistry I	4 cr
CHEM 303	Physical Chemistry II	3 cr
CHEM 304	Physical Chemistry Laboratory I	3 cr
CHEM 321	Organic Chemistry I	4 cr
CHEM 322	Organic Chemistry II	4 cr
CHEM 323	Organic Chemistry Laboratory	3 cr
CHEM 324	Chemistry of Biological Systems	3 cr
CHEM 400	Instrumental Analysis Laboratory	3 cr

Students may substitute CHEM 113, 114 and 208 for 101, 102 and 206.

B. Physics and Mathematics Courses (20 credits)

MATH 221	Calculus and Analytic Geometry I	5 cr
MATH 222	Calculus and Analytic Geometry II	5 cr
PHYS 201	General Physics I	5 cr
PHYS 202	General Physics II	5 cr

C. Chemistry Electives (9-10 credits)

Any two of:

CHEM 306	Chemical Instrumentation	3 cr
CHEM 310	Inorganic Chemistry*	3 cr
CHEM 402	Advanced Organic Chemistry	3 cr

and either one of:

CHEM 305	Physical Chemistry Laboratory II	2 cr
CHEM 401	Advanced Organic Laboratory*	3 cr

and either one of:

CHEM 495	Senior Seminar	1 cr
CHEM 497	Senior Thesis	1 cr

* CHEM 310 and 401 are required for American Chemical Society approval.

Biochemistry Concentration in the Chemistry Major (17 credits)

The concentration in biochemistry provides excellent background for careers and for graduate or professional study in biochemistry, medicine, microbiology, molecular biology, pharmacy, pharmacology, pharmaceutical chemistry and other biological sciences. Because this concentration includes biological science courses in addition to most of the courses required for the chemistry major, it also provides a broader background for chemistry students who wish to terminate their training at the baccalaureate level.

Biochemistry Concentration Requirements (17 credits)

Students in the biochemistry concentration complete the following courses rather than the electives listed under category C. CHEM 307 may substitute for CHEM 324 listed in category A.

BIOS 101	Bioscience	4 cr
BIOS 102	Organismal Biology	4 cr
BIOS 309	Molecular Biology	3 cr
CHEM 308	Biochemistry Laboratory	2 cr
CHEM 410	Advanced Biochemistry	3 cr

and either one of:

CHEM 495	Senior Seminar	1 cr
CHEM 497	Senior Thesis	1 cr

Redundant Courses

Credits earned in courses which in large part duplicate the content of any of those listed above cannot be applied toward the major or used in computing the GPA for the major.

American Chemical Society Approved Major

Students wishing to qualify for official recognition of the major by the American Chemical Society must include CHEM 310 Inorganic Chemistry and CHEM 401 Advanced Organic Laboratory in their program.

Honors in Chemistry

To be eligible for a B.S. with honors in chemistry, a chemistry major must attain a GPA of 3.25 or better in all chemistry courses taken and complete a senior thesis (CHEM 497) and defend it before a committee of three faculty members, at least two of whom are from chemistry. In addition, an overall GPA of at least 3.00 must be attained.

Requirements for the Chemistry Minor (23-26 credits)

A minor in chemistry can be earned by obtaining at least 23 credits in an approved group of courses in general, analytical and organic chemistry with lab. Students must attain a GPA of at least 2.00 in all courses required for the minor. The two approved groupings of UW-Parkside courses are:

Option 1:

CHEM 101	General Chemistry I	5 cr
CHEM 102	General Chemistry II	5 cr
CHEM 206	Quantitative Analysis	5 cr
CHEM 321	Organic Chemistry I	4 cr
CHEM 322	Organic Chemistry II	4 cr
CHEM 323	Organic Chemistry Laboratory (or equivalent 3-credit organic lab course)	3 cr

or Option 2:

CHEM 113	Chemical Principles I	5 cr

CHEM 114	Chemical Principles II	5 cr
CHEM 208	Contemporary Chemical Analysis	2 cr
CHEM 321	Organic Chemistry I	4 cr
CHEM 322	Organic Chemistry II	4 cr
CHEM 323	Organic Chemistry Laboratory	3 cr
	(or equivalent 3-credit organic lab course)	

Courses in Chemistry (CHEM)

090 Preparation for College Chemistry ..... 2 cr
Prereq: None. Freq: Occasionally.
An introduction to the basic principles of chemistry, chemical calculations, units of measurement, nomenclature, and other basic concepts. Credit does not count toward graduation. Graded on credit/no-credit basis. Two-hour lecture.

100 The World of Chemistry ..... 3 cr
Prereq: None. Freq: Fall, Spring, Summer.
An introduction to the basic principles of chemistry including the composition of matter, measurement, nomenclature, calculations and reactions. Discussion of current issues in science and technology and application of basic chemical principles to everyday life. Intended for non-science majors and as a preparatory course for science or nursing majors not placed into CHEM 101, 113 or 115. Three-hour lecture.

101 General Chemistry I ..... 5 cr
Prereq: MATH 111 or concurrent enrollment or a minimum grade of C in CHEM 100. Freq: Fall, Spring.
The first half of an introductory course in general chemistry for science majors covering the fundamental principles of chemistry. Three-hour lecture; one-hour discussion; three-hour lab.

102 General Chemistry II ..... 5 cr
Prereq: CHEM 101. Freq: Fall, Spring.
A continuation of CHEM 101. Three-hour lecture; one-hour discussion; three-hour lab.

109 Environmental Chemistry ..... 3 cr
Prereq: None. Freq: Occasionally.
Designed for non-science majors. An investigation of contemporary issues including energy and the environment. Intended to introduce fundamental chemical principles and the scientific method of inquiry. May be applied to the environmental studies minor. Three-hour lecture.

113 Chemical Principles I ..... 5 cr
Prereq: Two years of high school chemistry, MATH 111 and -consent of instructor. Freq: Occasionally.
Intended primarily for students who plan to major in chemistry. Also for well-prepared students in other programs who are seeking a more in-depth introduction to modern chemistry than that offered in CHEM 101. Lectures cover the fundamental principles of chemistry starting with chemical bonding. Laboratory work includes chemical instrumentation and -computer-aided data acquisition and analysis. Three-hour lecture; one-hour discussion; three-hour lab.

114 Chemical Principles II ..... 5 cr
Prereq: CHEM 113 or consent of instructor. Freq: Occasionally.
A continuation of CHEM 113 providing students with a strong foundation for upper-level chemistry courses. The laboratory complements the lecture material and continues the use of modern chemical instrumentation. Three-hour lecture; one-hour discussion; three-hour lab.

115 Chemical Science ..... 4 cr
Prereq: UW-Milwaukee math proficiency or UW-Parkside MATH 111. Freq: Fall.
A course in the fundamental principles of chemistry including the atomic nature of matter, chemical reactions, gases, solutions, acids and bases, and nuclear chemistry. Required for nursing students. Not open to students with credit in CHEM 102 or 114. May not be applied to the chemistry major. Three-hour lecture; three-hour lab.

206 Quantitative Analysis ..... 5 cr
Prereq: C or better in CHEM 102 or consent of instructor. Freq: Fall, Summer.
Overview of extraction techniques, sample preparation and statistical analysis. Chemical kinetics and equilibrium applied to the analysis of complex mixtures using acid-base, complexation, precipitation, oxidation-reduction and electrochemical methods. Overview of chemical instrumentation and data processing, theory and use of various chromatographic and spectroscopic methods. Two-hour lecture, one-hour discussion, six-hour lab.

208 Contemporary Chemical Analysis ..... 2 cr
Prereq: C or better in CHEM 114. Freq: Occasionally.
An overview of chemical instrumentation, data processing and manipulation. Detailed presentation of various types of chromatography, the van Deemter equation, resolution and recent developments. Atomic and molecular spectroscopic methods, Beer's law and qualitative and quantitative applications. Laboratory experiments have both investigative and quantitative components. One-hour lecture; three-hour lab.

209 Environmental Analysis Laboratory ..... 2 cr
Prereq: CHEM 109 or concurrent enrollment; or consent of instructor. Freq. Occasionally.
Provides students with an introduction to analytical techniques commonly employed with environmental samples. Topics include regulatory limits, proper reporting of analytical results, and validation techniques. Hands-on experience analyzing air, water and soil samples for easy and difficult to analyze components. Four hour lab.

215 Organic and Biochemistry ..... 4 cr
Prereq: CHEM 102 or 114 or 115. Freq: Spring.
An overview of organic chemistry followed by a study of the structure and function of important biomolecules and energy metabolism. Follows CHEM 115 in the sequence for nursing students. Not open to students with credit in CHEM 322 or BIOS 307. Three-hour lecture; three-hour lab.

290 Special Topics ..... 1-4 cr
Prereq: Consent of instructor. Freq: Occasionally.
Selected topics in chemistry.

302 Physical Chemistry I ..... 4 cr
Prereq: C or better in CHEM 206 or 208 and in MATH 221 and PHYS 202 or consent of instructor. Freq: Fall.
A study of thermodynamics and chemical kinetics. Laboratory utilizes spreadsheets and higher level programming for numerical analysis. Three-hour lecture; three-hour lab.

303 Physical Chemistry II ..... 3 cr
Prereq: CHEM 302. Freq: Spring.
A continuation of CHEM 302. Statistical mechanics, quantum mechanics and spectroscopy. Three-hour lecture.

304 Physical Chemistry Laboratory I ..... 3 cr
Prereq: CHEM 302 or consent of instructor. Freq: Spring.
Experiments focus on macroscopic phenomena including physical properties of matter, kinetics, and thermodynamics. Six-hour lab.

305 Physical Chemistry Laboratory II ..... 2 cr
Prereq: CHEM 303, concurrent registration or consent of instructor. Freq: Occasionally.
Theory and practice of spectroscopy; a wide range of -spectroscopic techniques is examined. One-hour lecture; three-hour lab.

306 Chemical Instrumentation ..... 3 cr
Prereq: C or better in CHEM 206 or 208 and completion of PHYS 202 and CHEM 323 or consent of instructor. Freq: Fall, (even years).
Study of the construction and principles of operation of modern instruments and their use in the chemistry laboratory. Three-hour lecture.

307 Biochemical Metabolism ..... 3 cr
Prereq: CHEM 322 or consent of instructor. Freq: Fall.
A study of the chemistry of biological systems, with emphasis on metabolism and macromolecular biosynthesis. Three-hour lecture. Cross-listed with BIOS 307.

308 Biochemistry Laboratory ..... 2 cr
Prereq: CHEM 322 and consent of instructor. Freq: Fall, Spring.
Familiarization with the use of scientific instruments and techniques, and developing proficiency in the process of scientific investigation. This course is appropriate for chemistry majors who have completed CHEM 307 or 324. Four-hour lab. Cross-listed with BIOS 435.

310 Inorganic Chemistry ..... 3 cr
Prereq: CHEM 303 or concurrent registration.
Freq: Spring, odd years.
Descriptive and synthetic inorganic chemistry with emphasis on chemical periodicity, coordination compounds, and inorganic reaction mechanisms. Three-hour lecture.

321 Organic Chemistry I ..... 4 cr
Prereq: CHEM 102 or 114. Freq: Fall, Spring.
A study of aliphatic and aromatic compounds with emphasis on structure, reaction mechanisms, and synthesis. Introduction to spectroscopy. Three-hour lecture; one-hour discussion.

322 Organic Chemistry II ..... 4 cr
Prereq: CHEM 321. Freq: Fall, Spring.
A continuation of CHEM 321. More extensive use of spectroscopy in the elucidation of structures and reaction mechanisms. The chemistry of functional groups, syntheses, and selected topics. Three-hour lecture; one-hour discussion.

323 Organic Chemistry Laboratory ..... 3 cr
Prereq: CHEM 322 or concurrent registration or consent of instructor. Freq: Fall, Spring, Summer.
An introduction to the methodology, techniques, and procedures of organic chemistry, including an introduction to the principles of green chemistry, the use of chemical literature, and laboratory record keeping. Emphasizes the synthesis and spectroscopic characterization of organic compounds. Six-hour lab.

324 Chemistry of Biological Systems ..... 3 cr
Prereq: CHEM 322 Freq: Fall.
Structures, synthesis and characterization of biological molecules including proteins, carbohydrates, nucleic acids, and primary and secondary metabolites. Chemical mechanisms of biological reactions. Biochemical thermodynamics and kinetics. Three-hour lecture.

390 Special Topics in Chemistry ..... 1-3 cr
Prereq: None. Freq: Occasionally.
Selected topics in chemistry.

400 Instrumental Analysis Laboratory ..... 3 cr
Prereq: C or better in CHEM 206 or 208 or consent of instructor. Freq: Spring.
Experiments in trace analysis utilizing electrochemical and optical methods as well as gas and liquid chromatography. Six-hour lab.

401 Advanced Organic Laboratory ..... 3 cr
Prereq: C or better in CHEM 322 and 323. Freq:Fall.
Advanced multi-step synthesis and characterization of organic and some inorganic compounds. Structure elucidation by classical and instrumental methods such as IR, NMR, GC/MS, and UV spectroscopy. Includes applications of the principles of green chemistry. Six-hour lab.

402 Advanced Organic Chemistry ..... 3 cr
Prereq: C or better in CHEM 322. Freq: Fall, odd years.
Selected topics in mechanistic, theoretical, heterocyclic, and physical organic chemistry. Three-hour lecture.

410 Advanced Biochemistry ..... 3 cr
Prereq: BIOS 240 or CHEM/BIOS 307 or CHEM 324 or consent of instructor. Freq: Spring, even years.
A study of advanced topics in biochemistry including thermodynamics, protein structure, and enzyme kinetics and mechanisms. Three-hour lecture.

490 Special Topics in Chemistry ..... 1-3 cr
Prereq:. Consent of instructor. Freq: Occasionally.
Selected topics in chemistry.

494 Internship in Chemistry ..... 1-3 cr
Prereq: Completion of CHEM 206 or 208 or 323, GPA of 2.5 or higher and consent of instructor. Freq. Fall, Spring, Summer.
Work in a chemistry-related position under the joint guidance of a faculty member and an on-site supervisor. Projects will specify learning goals and objectives related to the theory and application of modern chemistry. Usually graded on credit/no-credit basis. May repeat for up to 6 credits.

495 Senior Seminar ..... 1 cr
Prereq: Junior or senior standing. Freq: Spring.
Research and presentation of selected topics from chemical literature. One-hour discussion.

497 Senior Thesis ..... 1 cr
Prereq: Senior standing, chemistry major and consent of instructor. Freq: Fall, Spring.
Thesis based on experimental work.

499 Independent Study ..... 1-3 cr
Prereq: Consent of instructor and department chair.
Freq: Fall, Spring, Summer.
Individual projects of an experimental or theoretical nature conducted under the direct supervision and guidance of a staff member. Usually graded on credit/no-credit basis and not applied to GPA.

Graduate Courses

620 Advanced Biochemistry ..... 3 cr
Prereq: BIOS 240 or CHEM/BIOS 307 or CHEM 324 or consent of instructor. Freq: Spring, (even years).
Advanced topics in biochemistry including thermodynamics, protein structure, and enzyme kinetics and mechanisms. Not open to students with credit in CHEM 410.

COMMUNICATION

RITA/CART 265 • 262-595-2331

Degree Offered:
Bachelor of Arts.

Chair & Associate Professor:
F. Akindes, Ph.D.

Professor:
Mullen, Ph.D.; Shailor, Ph.D.

Associate Professors:
Castor, Ph.D.; Crafton, Ed.D.; Viramontes, Ph.D.

Assistant Professor:
Moore, Ph.D.

Department Overview

Communication affects our lives at multiple levels. At one level, it can be thought of as the way we construct knowledge and information through human interaction — whether face to face or mediated. At another level, it is the process through which we continually negotiate the meaning and purpose of our lives. At no level is this process transparent or innocent. Rather, it is influenced by the various ways in which we identify ourselves as individuals and as groups. The Communication Department believes that a theoretical understanding of these processes as well as the ability to apply that understanding in real-life situations is essential.

The communication major and minor prepare students to succeed in the 21st century. We live in a dynamic time shaped by new technologies, digital media, cultural convergence, a global economy, and a rich diversity of racial and ethnic cultures, encompassing nationality, religion, language, gender, sexual orientation, social class, physical conditions, and age. The Communication Department is structured around communities of practice with emphasis on four areas: media studies, human interaction, organizational communication, and public relations. The Communication Department's faculty and staff welcome working with students to develop individualized and integrated courses of study to meet their professional and personal interests

Studies indicate that, in the future, students will have jobs that currently do not exist. What is important for students to learn, then, is how to remain nimble and flexible in an ever-changing global society. The Communication Department prepares students for a complex and uncertain future by developing skills and competencies that apply to multiple life and work situations. These communication skills include writing, speaking, listening, resolving conflicts, and interacting across and within different cultures whether face to face or mediated. Inherent in these skills are analyzing, problem-solving, and self-reflecting.

By the end of their programs of study, communication majors and minors are expected to be able to demonstrate two levels of cultural competence: professional and theoretical. Six learning objectives state the assumptions common to courses in the major and its various course concentrations. Although not a requirement, students are strongly encouraged to seek an internship to gain experience in a chosen field of interest. Student understanding of the learning objectives is demonstrated through a portfolio of their work assembled during a capstone course in the last semester of study.

Student Organizations/Clubs

The Parkside Association of Communicators (PAC) is a student organization dedicated to promoting interaction among students, faculty/staff, alumni, and working professionals. The club regularly organizes events and activities valuable to students' professional and intellectual development.

Lambda Pi Eta (LPH) is the national communication honor society for undergraduates. Students who are declared majors with at least 60 credits, have a cumulative GPA of 3.00 or higher, have completed at least 12 credits in the major, and have a major GPA of 3.25 or higher are eligible.

Parkside Communication Alumni Association (PCAA) is open to all alumni who were communication majors while students at the University of Wisconsin-Parkside. The mission is to encourage and coordinate the connection of UW-Parkside communication alumni with each other, with faculty, and with students.

Communication students are also encouraged to gain experience in career interests through campus-wide organizations including Ranger News, the student newspaper; and WIPZ radio station.

Internships

An internship is a professional experience designed to round out a student's education. Internships can be either paid or unpaid. Both types are valuable for resume building, application of theoretical knowledge to hands-on experience, exploring future career opportunities, and making contacts and networking outside the university. An internship is strongly recommended for communication majors, particularly during the senior year. COMM 494 Communication Internship, is designed to facilitate the student's structured and systematic application of communication concepts to a job experience through the completion of a written case study. Normally, only

senior-status students who meet a GPA requirement of 2.80 in the major are eligible for an on-the-job experience under academic supervision. See the departmental internship director for detailed instructions. Up to 3 credits of internship may be counted toward the 400-level electives requirement in the major.

Program Objectives

The Communication Department curriculum is grounded in the assumption that the 21st-century lifestyle calls for a broad range of communication skills, often used in combination with one another. Therefore we expect our graduates to be practiced readers, writers, speakers, listeners, producers, observers, and performers. Each course taken toward the B.A. in communication at the University of Wisconsin-Parkside will emphasize one or more of the six learning objectives listed below:

1. Identity: Analyzing and critiquing how human identity is constructed, reinforced, and transformed through the ways we communicate.
2. Social justice: Promoting social justice in ways that acknowledge and celebrate a diverse global culture.
3. Knowledge: Understanding how knowledge is constructed within systemic and historically situated processes.
4. Messages: Creating and critiquing messages in ways that reflect both professional competence and ethical decision-making.
5. Texts: Interpreting and explaining a range of texts in ways that question cultural assumptions.
6. Contexts: Identifying and practicing multiple roles within groups and organizations.

Demonstrating successful completion of the communication major as a whole is the goal of the Senior Seminar capstone course (COMM 495), taken in a student's final semester of study.

It is the student's responsibility to be aware of the requirements of the major at the time it is declared, as well as any changes in the major instituted by the faculty. It is also the student's responsibility to consult regularly with his/her adviser regarding the program of study.

Requirements for Admission to Communication Major

To be accepted as a communication major, a student must have a 2.25 cumulative GPA. Students who do not meet the GPA requirement may be considered pending majors and will be assigned a communication advisor.

Requirements for the Communication Major (48 credits)

Students admitted to the major should plan to complete the 100- and 200-level requirements in communication (including required course work in other departments) before taking upper-level courses. These courses have been planned and sequenced so as to provide a broad overview of the field, introduce essential skills, and help students plan their futures both within the program and following college graduation. At least 15 credits of upper-level courses in the major must be completed at UW-Parkside. The communication major must also have a minimum 2.25 cumulative GPA in order to enroll in COMM 495 Senior Seminar, the department's capstone course. Non-majors interested in taking upper-level communication courses should consult with the course instructor before registering.

Additionally, as they near completion of their required lower-level courses, communication majors and minors are expected to meet with their advisers to discuss recommended sequences of elective courses for specific career or graduate school paths. The department maintains extensive advising materials to help students plan for and navigate the wide range of careers that are available.

The following courses are required of all communication majors:

1. Core Courses (24 credits)

SPCH 105 Public Speaking ..... 3 cr
OR
COMM 205 Oral Interpretation..... 3 cr

COMM 107 Communication and the Human Condition ..... 3 cr

(must earn a grade of C or higher for credit toward the major)

COMM 108 Media and Society..... 3 cr

(must earn a grade of C or higher for credit toward the major)

COMM 207 Introduction to the Communication Discipline I ..... 3 cr
COMM 208 Introduction to the Communication Discipline II ..... 3 cr
COMM 295 Sophomore Seminar ..... 3 cr
ART 104 Introduction to Digital Art ..... 3 cr

ENGL 201 Advanced Composition ..... 3 cr

OR
COMM 255 Introduction to News Writing ..... 3 cr

2. Communication Electives

A. Any level (3 credits)

B. 300-level (9 credits)

C. 400-level (3 credits)

3. General Electives Outside Communication Department - 300 or 400-level (6 credits)

Courses to be selected in consultation with adviser

4. Capstone Course (3 credits)

COMM 495 Senior Seminar..... 3 cr

Requirements for Communication Minors (21-24 credits)

MINOR IN HUMAN INTERACTION (24 CREDITS)

The human interaction minor is designed for students who wish to investigate the ways people interact in face-to-face contexts, across diverse communities. It will be of greatest value to students interested in moving into careers where they will work directly with people of varied backgrounds, including positions in personnel management, human resources, counseling, mediation, and social services.

1. Core Courses (12 credits)

SPCH 105	Public Speaking	3 cr
	OR	
COMM 205	Oral Interpretation	3 cr
COMM 107	Communication and the Human Condition	3 cr
COMM 207	Introduction to the Communication Discipline, Part I	3 cr
COMM 208	Introduction to the Communication Discipline, Part II	3 cr

2. Foundational Courses (9 credits)

COMM 310	Interpersonal Communication	3 cr
COMM 335	Language in Human Communication	3 cr
COMM 365	Intercultural Communication	3 cr

3. Electives (3 credits)

Choose one:

COMM 315	Communication and Gender	3 cr
COMM 330	Communication and Socialization	3 cr
COMM 350	Narrative Analysis	3 cr
COMM 363	Communication and Ethnicity	3 cr
COMM 385	Strategies for Constructive Dialogue	3 cr
COMM 390	Special Topics in Communication (topic approval required)	3 cr
COMM 490	Special Topics in Communication (topic approval required)	3 cr
COMM 494	Communication Internship (approval required)	3 cr

MINOR IN ORGANIZATIONAL COMMUNICATION (21 CREDITS)

A minor in organizational communication is designed to help students analyze the role of communication in organizations in order to communicate more effectively within an organization.

1. Lower-level Required Courses (12 credits)

SPCH 105	Public Speaking	3 cr
	OR	
COMM 205	Oral Interpretation	3 cr
COMM 107	Communication and the Human Condition	3 cr
COMM 202	Group Communication	3 cr
	OR	
COMM 285	Introduction to Conflict Analysis and Resolution	3 cr
ENGL 204	Writing for Business and Industry	3 cr
	OR	
COMM 240	Introduction to Public Relations	3 cr

2. Upper-level Courses (9 credits)

COMM 303	Organizational Communication	3 cr

Choose one (3 credits)

COMM 315	Communication and Gender	3 cr
COMM 363	Communication and Ethnicity	3 cr
COMM 365	Intercultural Communication	3 cr

Choose one (3 credits)

COMM 385	Strategies for Constructive Dialogue	3 cr
COMM 390	Special Topics in Communication (topic approval required)	1-3 cr
COMM 490	Special Topics in Communication (topic approval required)	1-3 cr
COMM 494	Communication Internship	1-3 cr
HRM 343	Human Resource Management	3 cr
HRM 442	Improving Employee Performance	3 cr

MINOR IN PUBLIC RELATIONS (24 CREDITS)

A minor in public relations allows students to develop a general understanding of the concepts and practices involved in being a public relations practitioner and/or a member of an organization who is responsible for various communication tasks which help to create and maintain relationships between an organization and its publics.

Required Courses (24 credits)

COMM 105	Public Speaking	3 cr
	OR	
COMM 205	Oral Interpretation	3 cr
COMM 108	Media and Society	3 cr
COMM 207	Introduction to the Communication Discipline, Part I	3 cr
COMM 208	Introduction to the Communication Discipline, Part II	3 cr
COMM 240	Introduction to Public Relations	3 cr
COMM 255	Introduction to News Writing	3 cr
COMM 360	Contemporary Media Industries	3 cr
COMM 494	Communication Internship	3 cr

MINOR IN COMMUNICATION (GENERALIST) (21 CREDITS)

This minor is intended for students seeking a broad exposure to the field of communication, as well as those seeking to tailor their minor to complement a particular major or course of study.

1. Core Courses (12 credits)

COMM 107	Communication and the Human Condition	3 cr
COMM 108	Media and Society	3 cr
COMM 207	Introduction to the Communication Discipline , Part I	3 cr
COMM 208	Introduction to the Communication Discipline, Part II	3 cr

2. Electives (9 credits)

A. Communication course at any level (3 credits)

B. 300 or 400-level communication courses (6 credits)

These credits must be approved by a departmental adviser to ensure an appropriate and timely sequence of courses.

Requirements for the Communication Certificates

CERTIFICATE IN CONFLICT ANALYSIS AND RESOLUTION (12 CREDITS)

The certificate program in conflict analysis and resolution (CAR) prepares students as leaders in creating constructive responses to conflict. Through course work and field experiences, students learn how to analyze and respond to conflicts at multiple levels – interpersonal, organizational, cultural, and international. This certificate is recommended for those moving into positions as counselors, teachers, managers, mediators, and community leaders. To complete the program, the student must earn a grade of C or better in the required course work.

1. Core Courses (9 credits)

The three core courses provide training in several areas of conflict transformation: conflict analysis and assessment, dispute mediation, dialogue facilitation, and conflict intervention. The courses must be taken in sequence. All three courses are required for completion of the certificate.

COMM 285	Introduction to Conflict Analysis and Resolution	3 cr
COMM 385	Strategies for Constructive Dialogue	3 cr
COMM 485	Practicum in Conflict Intervention	3 cr

2. Elective (3 credits)

The purpose of the elective course is to help the student place his/her understanding of conflict in a broader social context. Therefore, the elective course must be from outside the student's major. After consulting with the program adviser, the student is to take one of the following courses:

COMM 363	Communication and Ethnicity	3 cr
COMM 370	Communication and Social Change	3 cr
COMM 490	Special Topics in Communication (topic approval required)	1-3 cr
HIST 260	International Conflict	3 cr
PHIL 215	Contemporary Moral Problems: Ethics and Conflict	3 cr
PHIL 220	Politics, Law and Society	3 cr
PHIL 320	Value Theory	3 cr
POLS 341	International Conflict and Cooperation	3 cr
SOCA 233	Criminology	3 cr
SOCA 234	Juvenile Delinquency/Juvenile Justice	3 cr
SOCA 323	Institutional Racism in America	3 cr
SOCA 331	Deviant Behavior	3 cr
SOCA 354	Class, Status, and Power	3 cr
SOCA 356	Political Sociology	3 cr

MEDIA LITERACY CERTIFICATE (16 CREDITS)

The media literacy certificate provides critical tools for analyzing, interpreting and critically questioning a range of media texts. The certificate is designed for parents, teachers, and citizens concerned with media production, consumption and messages in various media – social media, television, music, film, video games, the Internet, handheld mobile devices, etc. Key themes include individual, national, and global impact awareness, media ownership, media/cultural convergence, and the implications of new technologies on identity construction, human communication and democracy in the U.S. and around the world.

1. Core Courses (9 credits)

COMM 108	Media and Society	3 cr
COMM 368	Children and the Media	3 cr
COMM 463	Gender, Race, Class and Sexualities in Media	3 cr

2. Electives (6 credits)

Choose two:

COMM 360	Contemporary Media Industries	3 cr
COMM 366	Communication and Popular Music	3 cr
COMM 390	Special Topics in Communication (topic approval required)	3 cr
COMM 430	Cyberspace Communication	3 cr
COMM 435	Integrated Marketing Communication	3 cr
COMM 490	Special Topics in Communication (topic approval required)	3 cr
COMM 494	Communication Internship (approval required)	3 cr

3. Final Project (1 credit)

COMM 468	Media Literacy Project	1 cr

Courses in Communication (COMM)

107 Communication and the Human Condition ..... 3 cr
Prereq: None. Freq: Fall, Spring.
Examines social aspects of human life, including a strong focus on how identity, culture and social relationships are managed in interaction. Includes an introduction to how language constructs a version of the world in interaction.

108 Media and Society ..... 3 cr
Prereq: None. Freq: Fall, Spring.
Explores the intersection of media with social, economic, historical, and political spheres of contemporary life. Must earn a grade of C or higher for credit toward the major.

202 Group Communication ..... 3 cr
Prereq: None. Freq: Yearly.
Explores various concepts in group communication including group development, climate, problem solving, decision making, and power.

205 Oral Interpretation ..... 3 cr
Prereq: None. Freq: Fall, Spring
Students perform selections from a range of literature that may include poetry, prose, children's literature, drama and nontraditional texts. Provides an experience before an audience with emphasis on the improvement of oral expression and articulation.

207 Introduction to the Communication Discipline, Part I ..... 3 cr
Prereq: COMM 107,108. Freq: Fall, Spring.
Introduces the communication discipline as a community of practice. Emphasizes the practical uses of contemporary communication theory and research to solve problems.

208 Introduction to the Communication Discipline, Part II ..... 3 cr
Prereq: COMM 107, 108, and 207. Freq: Fall, Spring.
Students develop their professional identities as practitioners of communication research.

240 Introduction to Public Relations ..... 3 cr
Prereq: COMM 107, 108. Freq: Fall.
Introduces the theories, methods, and practice of public relations and their application in industry, government, education, social agencies, and other institutions.

255 Introduction to News Writing ..... 3 cr
Prereq: ENGL 101, COMM 108; or consent of instructor.
Freq: Fall, Spring.
Covers news gathering, basic reporting, journalistic ethics, and other topics.

285 Introduction to Conflict Analysis and Resolution ..... 3 cr
Prereq: COMM 107 or consent of program adviser.
Freq: Fall, Spring.
Surveys approaches to understanding, transforming, and resolving conflicts. Includes case studies at the interpersonal, organizational, community/cultural, and international levels.

290 Special Topics in Communication .....1-3 cr
Prereq: COMM 107 or 108; or consent of instructor.
Freq: Occasionally.
Selected topics in communication will be examined.

295 Sophomore Seminar ..... 3 cr
Prereq: COMM 107 or 108. Freq: Fall, Spring.
Introduces students to the communication major. Reviews departmental learning objectives, explores communication career and assists students in developing a professional identity.

303 Organizational Communication..... 3 cr
Prereq: Core courses or consent of instructor. Freq: Fall.
Examines the role of communication in organizational settings. Topics include organizational communication theories and elements; as well as contemporary organizational systems and their functioning.

310 Interpersonal Communication..... 3 cr
Prereq: COMM 107, 207, 208. Freq: Fall.
Examines the role of communication in structuring and accomplishing interpersonal interactions with an emphasis on the ways interactional processes construct relationships and identities.

315 Communication and Gender..... 3 cr
Prereq: Core courses or consent of instructor. Freq: Spring.
Explores the role of communication in the construction of gender, and the role of gender in the social organization and use of language and communication systems.

330 Communication and Socialization ..... 3 cr
Prereq: Core courses and COMM 310, or consent of instructor.
Freq: Occasionally.
Examines current theories of child development with a focus on how children learn to communicate and the relationship between language and identity construction. Focuses on observations of children in three major contexts: home, school, peers.

335 Language in Human Communication..... 3 cr
Prereq: Core courses or consent of instructor. Freq: Occasionally.
Examination of the role of language in creating, maintaining, and transforming the social world from cultural, rhetorical, and/or philosophical perspectives. The ethical implications of language use in contemporary contexts will be addressed.

340 Health Communication..... 3 cr
Prereq: Core courses or consent of instructor. Freq: Spring.
Examines fundamentals of caregiver and client interactions, the relationship between our health and our interactions with others, and the production of health messages.

350 Narrative Analysis..... 3 cr
Prereq: Core courses or consent of instructor. Freq: Fall.
Examines the ways that storytelling creates identity and negotiates social life. Topics include structure, function, genres, and contexts of narrative.

360 Contemporary Media Industries..... 3 cr
Prereq: COMM 108, 207, 208; or consent of instructor. Freq: Fall.
Examines contemporary media industries in the U.S., including broadcast and cable television, radio, film, popular music, newspapers, the Internet, and others. Emphasizes industrial structures and the ways these industries work together in the 21st century.

363 Communication and Ethnicity ..... 3 cr
Prereq: COMM 107 or consent of instructor. Freq: Fall, Spring.
Critical examination of communication practices which construct, maintain, transform, or threaten ethnic identity in a co-cultural context. May be repeated with different content. Emphasis rotates among African Americans, Asian Americans, Latinos/as, and Native American Indians. Cross-listed with ETHN 363.

365 Intercultural Communication ..... 3 cr
Prereq: COMM 107, 207, 208; or consent of instructor. Freq: Fall.
Investigates the relationship between culture and human interaction, with an emphasis on ethical aspects of communication. Cross-listed with ETHN 365.

366 Communication and Popular Music..... 3 cr
Prereq: Core courses or consent of instructor. Freq: Occasionally.
Explores the cultural politics of popular music as communication in contemporary society. Cross-listed with ETHN 365.

368 Children and the Media ..... 3 cr
Prereq: COMM 108, 207, 208; or consent of instructor.
Freq: Spring.
Critically examines of the ways electronic media affect the lives of children. Gives particular attention to research studies and current policy debates.

385 Strategies for Constructive Dialogue..... 3 cr
Prereq: COMM 285 with a grade of C or better; or consent of instructor. Freq: Spring.
Studies the theory and practice of methods for conflict transformation. Includes facilitator training in dispute mediation, community dialogue, and the theatre of empowerment.

390 Special Topics in Communication .....1-3 cr
Prereq: Core courses or consent of instructor. Freq: Occasionally.
Selected topics in communication will be examined.

430 Cyberspace Communication ..... 3 cr
Prereq: COMM 360 and junior standing; or consent of instructor.
Freq: Occasionally.
Covers critical analysis of Internet-based communication, including social networking, crowdsourcing, online communities and collaboration, identity and privacy issues, and other topics.

435 Integrated Marketing Communication ..... 3 cr
Prereq: COMM 360 and junior standing; or consent of instructor. Freq: Fall.
Explores the historical and contemporary roles of advertising, public relations, and marketing communication in the functioning of social and economic institutions. Includes supervised field work.

460 Global Media ..... 3 cr
Prereq: COMM 360, junior standing; or consent of instructor. Freq: Spring.
Examines different national and international media organizations, both public and private. Covers concepts including globalization, cultural imperialism, and information flows.

463 Gender, Race, Class and Sexualities in Media ..... 3 cr
Prereq: COMM 360, junior standing; or consent of instructor. Freq: Fall.
Explores how mediated representations of gender, race, class, and sexualities contribute to our cultural identities.

468 Media Literacy Project ..... 1 cr
Prereq: Consent of instructor and department chair. Freq: Fall, Spring, Summer.
A capstone experience in which the student, under the guidance of a faculty member, prepares and conducts a media literacy activity in the community.

480 Practicum in Organizational Communication ..... 3 cr
Prereq: Consent of instructor. Freq: Yearly.
Practicum that involves applying principles from public relations and/or organizational communication to an actual organization in the community. Specific topic may address developing a public relations campaign, training and developing, or consulting. May be repeated for credit with a different topic.

485 Practicum in Conflict Intervention ..... 3 cr
Prereq: COMM 285, 385 with a grade of C or better. Freq: Spring.
Practicum in conflict intervention in a public setting (school, business, or community). Includes in-classroom training and supervised field experience.

490 Special Topics in Communication ..... 1-3 cr
Prereq: Core courses or consent of instructor. Freq: Occasionally. Selected topics in communication will be examined.

494 Communication Internship ..... 1-3 cr
Prereq: COMM major, 2.80 GPA in the major, senior standing; or consent of instructor and department chair. Freq: Fall, Spring, Summer.
Field experience combined with a guided, systematic and -structured application of communication concepts. Consult departmental internship director for procedures. May be repeated for a maximum of 6 credits. Up to 3 credits may be applied to the major.

495 Senior Seminar ..... 3 cr
Prereq: Core courses, graduating senior, 2.25 cumulative GPA; or consent of instructor. Freq: Fall, Spring.
Assesses, integrates, and extends the student's intellectual grasp of the field. Includes career development planning. Taken during a student's final semester.

499 Independent Study ..... 1-3 cr
Prereq: Core courses and consent of instructor and department chair. Freq: Fall, Spring, Summer.
Individual investigation of selected problems in communication. May be repeated for credit.

COMMUNITY BASED LEARNING

Center for Community Partnerships • Tallent Hall • 262-595-2146 • 262-595-2599

Degree Offered:
None. A certificate in community based learning is offered.

Faculty Director:
TBA

Program Overview

Students may earn a certificate in various subject areas that offer credit for community based learning. This is a coherent yet flexible program that documents students' experiences at putting theoretical concepts to use in applied community settings. This program contributes to the university's mission by formalizing attempts to connect to the community in a consistent way through establishing experiential learning opportunities in the curriculum.

Community based learning experiences are intended to strengthen students' ability to contribute meaningfully to the community, enhance their professional preparation and provide relevance to course work. Community based learning courses are designed to help students:

1. Become involved in civic affairs by:
   - Recognizing community issues that exist locally or globally
   - Realizing their commitment to learning about and solving those issues
   - Acquiring the skills and knowledge to take action effectively
   - Becoming actively-engaged.
2. Participate effectively in dialogue around community issues;
3. Maximize their learning of concepts presented in the classroom in both major and general education courses;
4. Understand how knowledge gained in the classroom can be applied to solving practical problems in both the workplace and in the larger community;
5. Develop skills such as teamwork, problem solving, and making presentations, both inside and outside of the classroom;
6. Gain skills in working with diverse groups;
7. Make relevant professional contacts in the community.

Requirements for Admission to the Certificate in Community Based Learning (CBL)

Complete a program declaration (plan declaration form). Declarations must be approved by the faculty director or the director for community engagement. The forms are available in the Academic Advising Center.

Requirements for the Certificate in Community Based Learning (12 credits)

The certificate requirements include two required courses and two elective courses that offer CBL credit.

Introductory Course Required (3 credits)

CBL 101 Introduction to Community Based Learning ..... 3 cr

Elective Courses (6 credits)

Two additional courses that offer a CBL project or placement:

a. Courses listed in the course catalog as community based learning (CBL) courses (other than CBL 101 and 495);

b. Courses negotiated with instructors not designated with CBL credit in the course schedule, for individual or collaborative community projects, with the approval of the CBL program director;

c. Internships may be used for CBL credit and should conform to UW-Parkside policies and procedures for internships (see the Programs and Policies section of this catalog).

Capstone Required (3 credits)

CBL 495 Capstone in Community Based Learning*…. ..... 3 cr

* Note: Another 495 capstone course may be used to fulfill this requirement with approval from the faculty director.

Courses in Community Based Learning (CBL)

101 Introduction to Community Based Learning..... 3 cr
Prereq: None, Freq: Spring and Fall.
This course prepares students for community based learning experiences by exposing them to relevant philosophical and/or theoretical approaches, good practice and applied exercises. Through this course, students gain a common understanding of the intent of these experiences, improving their ability to capitalize on the relevance for their academic and career objectives.

290 Special Topics in Community Based Learning.....1-3 cr
Prereq: None. Freq: Occasionally.
Selected topics in community based learning will be examined.

390 Special Topics in Community Based Learning.....1-3 cr
Prereq: None. Freq: Occasionally.
Selected topics in community based learning will be examined.

495 Capstone in Community Based Learning..... 3 cr
Prereq: CBL 101 or consent of instructor. Freq: Spring and Fall.
This course provides an integrative experience for students after they have completed extensive community based learning work, helping them connect these experiences more fully to other academic principles and to their occupational aspirations, and making certain all intended learning outcomes of the community based learning certificate have been accomplished. Students will do this integration while completing a major community project, with the support of other students also doing community projects, and complete a portfolio documenting the value of the community based learning experience. Major community building perspectives and theories are incorporated into the course.

499 Independent Study in Community Based Learning .....1-4 cr
Prereq: Consent of instructor and department chair.
Freq: Occasionally.

COMPUTER SCIENCE

Molinaro 248 • 262-595-2314

Degrees Offered:
Bachelor of Science.

Master of Science (see graduate section).

Associate Professors:
Hansen, Ph.D.; Lincke, Ph.D.; Quevedo, Ph.D.

Assistant Professors:
Riley, Ph.D.

Lecturers:
Eddy, M.S.; Knautz, M.S.

Student Organizations/Clubs:
Computer Science Club

Career Possibilities:
Software engineer, systems programmer, applications programmer, network administrator, systems developer, systems analyst, web developer, security analyst, information systems auditor, quality assurance analyst.

Department Overview

The Computer Science Department offers strong academic programs that prepare students for work and continuing advancement in information technologies. The pervasive influence of computers in our everyday lives and the strategic importance of computing systems in our economy and government require an increasingly educated and technologically literate citizenry as well as highly skilled and knowledgeable computing professionals who understand, design, implement and manage complex information systems. Since the inception of the computer science major at UW-Parkside in 1979, graduates have found highly successful careers in computing and information technology throughout the region and the country.

Computing professionals must have a solid grounding of fundamentals as a basis for adapting to rapid changes in computing theory and practice. They must also have knowledge and experience with current methodologies which they can apply reliably to solve existing problems and to design new strategies and systems as the demand arises. They must be able to work cooperatively and to communicate effectively. Combining theory, practice, and collaboration, the computer science major at UW-Parkside prepares students for successful careers in computing and information systems and contributes to their growth as professionals.

Laboratory experiences are integral components of many of the department's computer science courses. Computer science students use the laboratory's high-performance workstations, servers, and printing facilities – available only to computer science majors – to carry out their programming and laboratory work.

The computer science major includes 62-63 credits in computer science, mathematics, and the sciences. In addition, computer science students must complete a 9-credit computer science breadth package that includes courses in significant application domains such as science, mathematics, business or economics.

In collaboration with faculty in management information systems, the Computer Science Department offers a master of science in computer and information systems (MSCIS). See the Graduate Programs section of this catalog for detailed MSCIS degree requirements, admissions information, and courses.

The Computer Science Department and the Mathematics Department jointly offer a double major in computer science and mathematics. The degree requirements for this double major are listed below.

The Computer Science Department also offers a computer science minor, a web development minor, and certificates in World Wide Web publishing, UNIX system administration, mobile development and cyber security.

Preparation for Graduate School

The computer science major is excellent preparation for students seeking to do graduate work in computer science. Such students may wish to supplement the minimum requirements for a computer science major with additional courses in mathematics and the sciences. Students considering graduate study in computer science are strongly encouraged to complete CSCI 331 as one of their electives.

Dual Degree BS and MSCIS Track

Computer science students who have finished the prerequisite courses for the MSCIS program and at least 40 credits within the CS major may apply for early admission to the MSCIS program. All admissions requirements, except having completed a bachelor's degree, still apply. By concurrently enrolling in both undergraduate and graduate courses students may complete their MSCIS degree in a considerably shorter time than the 2 years generally required after completing their bachelor's degree.

Internships

Many major employers and smaller businesses in the area hire UW-Parkside computer science students as interns in computing-related jobs. In addition to facilitating these informal non-credit bearing internships, the Computer Science Department sponsors a credit-bearing internship program. In a credit-bearing internship, the student, the computer science faculty, and the student's supervisor collectively agree on the internship's objectives; progress toward meeting these objectives is evaluated periodically throughout the term. Students should contact the department chair for more information.

Program Level Outcomes

The learning goals of the Computer Science major are aligned with ABET (Accreditation Board for Engineering and Technology) and the university's Shared Learning Goals. ABET student outcomes are defined preceded by a letter: e.g., a). ABET goals are grouped according to the university's Shared Learning Goals.

The computer science program enables students to attain, by the time of graduation:

Reasoned Judgment

1. An ability to apply knowledge of computing and mathematics appropriate to the discipline
2. An ability to analyze a problem, and identify and define the computing requirements appropriate to its solution
3. An ability to design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs

Social and Personal Responsibility

1. An ability to function effectively on teams to accomplish a common goal
2. An understanding of professional, ethical, legal, security and social issues and responsibilities
3. An ability to analyze the local and global impact of computing on individuals, organizations, and society
4. Recognition of the need for and an ability to engage in continuing professional development

Communication

1. An ability to communicate effectively with a range of audiences
2. An ability to use current techniques, skills, and tools necessary for computing practice

Requirements for the Computer Science Major (71-72 credits)

In addition to meeting the general university requirements of a UW-Parkside degree, students seeking to graduate with a major in computer science must satisfy the following:

- Completion of computer science major requirements.
- Attainment of a minimum UW-Parkside cumulative GPA of 2.50 in all courses eligible to meet the student's computer science major requirements, including courses that meet the computer science major breadth requirement.

Required Major Courses (62-63 credits)

Required Mathematics Course (5 credits)

MATH 221 Calculus and Analytic Geometry I ..... 5 cr

Science Course (5 credits)

Choose one:

PHYS 201 General Physics I..... 5 cr
OR
CHEM 101 General Chemistry I..... 5 cr

Computer Science Courses (40-41 credits)

CSCI/
MATH 231 Discrete Math..... 3 cr

CSCI 145 Introduction to Computer Science..... 5 cr
OR
CSCI 241 Computer Science I..... 4 cr

CSCI 242 Computer Science II..... 4 cr
CSCI 245 Assembly Language Programming..... 3 cr
CSCI 309 Probability and Statistics ..... 3 cr
CSCI 333 Programming Languages ..... 3 cr
CSCI 340 Data Structures and Algorithm Design... 3 cr
CSCI 355 Computer Architecture ..... 3 cr
CSCI 370 Operating Systems..... 3 cr
CSCI 380 Database Management Systems..... 3 cr
CSCI 475 Software Engineering
Principles and Practice I ..... 3 cr
CSCI 476 Software Engineering
Principles and Practice II ..... 3 cr
CSCI 495 Computer Science Seminar..... 2 cr

Elective Courses (12 credits)

Choose four courses:

CSCI 331 Computational Models ..... 3 cr
CSCI 405 Artificial Intelligence ..... 3 cr
CSCI 420 Computer Graphics..... 3 cr
CSCI 421 Computer Vision..... 3 cr
CSCI 422 Multimedia Systems ..... 3 cr
CSCI 423 Mobile Device Programming..... 3 cr
CSCI 440 Compiler Design and Implementation . 3 cr
CSCI 444 Event-Driven Programming..... 3 cr
CSCI 445 Web Security..... 3 cr
CSCI 467 Computability and Automata ..... 3 cr

CSCI 477 Computer Communications
and Networks..... 3 cr
CSCI 478 Network Security..... 3 cr
CSCI 479 Information Systems Security ..... 3 cr
CSCI 480 Advanced Databases ..... 3 cr

Required Computer Science Breadth Requirement (9 credits):

Students must complete a package of 9 or more credits outside of computer science in a coherent collection of courses that are relevant to computer science and that meet the approval of the computer science faculty. Several such packages have been pre-approved, in areas such as mathematics, the sciences, art, business and economics. Pre-approved packages include:

- MATH 222 and 301
- MATH 222 and PHYS 202
- CHEM 102 and 215
- Select any 3 courses from: ACCT 201, BUS 272, FIN 330, MGT 349, and MKT 350
- ECON 320 or 321, and two additional 300-level ECON courses
- GEOG 455, 460 and 465
- CRMJ 316, 380 and BUS 272
- ART 102, 377 and either 271 or 477

Optionally, a student may submit an individually designed computer science breadth package of 9 or more credits for approval by the computer science faculty. See the department chair for details.

Requirements for the Computer Science/Mathematics Double Major (88-89 credits)

Students may satisfy graduation requirements for both computer science and mathematics by completing all required courses for computer science with 9 elective credits and PHYS 201, together with the following mathematics courses (which automatically satisfy the computer science breadth requirement):

Required Math courses (26 credits):

MATH 222	Calculus and Analytic Geometry II	5 cr
MATH 223	Calculus and Analytic Geometry III	5 cr
MATH 301	Linear Algebra	4 cr
MATH 303	Set Theory, Logic and Proof	3 cr
MATH 317	Differential Equations and their Applications	4 cr
MATH 350	Advanced Calculus	4 cr
	OR	
MATH 367	Elementary Number Theory	4 cr
MATH 441	Abstract Algebra	4 cr

Students completing the computer science/mathematics double major are strongly encouraged to take CSCI 331 as one of their electives.

Course Audit Restrictions

Computer science courses are generally not available for audit.

Disruption of Studies

Normally, students must meet the major requirements in effect at the time they declare a major; however, students majoring in computer science who do not attend continuously may be subject to the major requirements in effect upon their return. In particular, students who do not complete (with a passing grade) a computer science course numbered above 241 for four consecutive semesters will be subject to the major requirements in effect upon their next registration for a computer science course.

Substitutions

Requests for course substitutions to meet the requirements of the computer science major need the approval of the computer science faculty. In the case of the computer science/mathematics double major, substitutions require the approval of both the computer science faculty and the mathematics faculty.

Transfer Credits

In addition to the minimum UW-Parkside cumulative GPA requirement of 2.50 for courses in the major, students with transfer credits applying to the computer science major must also attain a minimum cumulative GPA of 2.50 in all course work required, including transfer credits.

Part-Time Study

The computer science major is available to both full-time and part-time students. Classes meet throughout the day, including evenings. Evening classes are offered on a restricted rotation basis to permit persons working full time during the day to complete major requirements during off-the-job hours. Contact the Computer Science Department chair for details.

Requirements for the Computer Science Minor (25-26 credits)

The Computer Science Department offers a minor in computer science. It is designed to meet the needs of students who are majoring in another field, but who desire a deeper understanding of computers and software. Students seeking to minor in computer science must attain a minimum UW-Parkside cumulative GPA of 2.50 in all courses eligible to meet the student's computer science minor requirements.

Required Mathematics Course (5 credits)

MATH 221	Calculus and Analytic Geometry I	5 cr

Required Computer Science Courses (14-15 credits)

CSCI/ MATH 231	Discrete Mathematics	3 cr
CSCI 145	Introduction to Computer Science	5 cr
	OR	
CSCI 241	Computer Science I	4 cr
CSCI 242	Computer Science II	4 cr
CSCI 340	Data Structures and Algorithms	3 cr
	OR	
CSCI 380	Database Management Systems	3 cr

Elective Courses (6 credits)

At least 6 credits of CSCI courses numbered 331 or above, excluding CSCI 375.

Requirements for the Web Development Minor (26-28 credits)

The Computer Science Department, in collaboration with the Art and Business departments, offers a minor in web development. The minor is designed for students who are seeking an in-depth technical understanding of website development and administration. Students completing the minor will be well situated to take on jobs as web programmers, web developers and web server administrators.

Required Courses (23-25 credits)

ART 102	Introduction to Two-Dimensional Design	3 cr
ART 377	Web Design I	3 cr
ART 477	Web Design II	3 cr
CSCI 145	Introduction to Computer Science	5 cr
OR		
CSCI 241	Computer Science I	4 cr
OR		
MIS 221	Business Programming	3 cr
CSCI 220	Web Concepts I	3 cr
CSCI 322	Web Concepts II	3 cr
CSCI 492	Practicum in Web Development	2 cr
ENGL 202	Technical Writing	3 cr

Elective Course (3 credits)

Choose one:

MIS 422	Internet Programming	3 cr
MIS 423	Design Tech. for Web-based IS	3 cr
MIS 328	Database Management Systems.	3 cr
CSCI 445	Web Security	3 cr
CSCI 380	Database Management Systems	3 cr
A pre-approved CSCI 490 or MIS 490 such as Web Services		3 cr

Requirements for the Mobile Development Certificate (14 credits)

The Computer Science Department offers a certificate in mobile development for students interested in careers involving developing mobile applications for tablet computers and mobile phones. With the rise in popularity and functionality of mobile devices, the need for skilled mobile developers has increased. Our certificate provides students a background in writing software for multiple mobile device platforms, designing user interfaces for mobile devices, and designing networking architecture to connect mobile devices to each other. Individuals may enter the program at any point, depending on background and experience.

Required Courses (14 credits)

CSCI 145	Introduction to Computer Science	5 cr
CSCI 210	Mobile Device Interfaces	3 cr
CSCI 423	Mobile Device Programming	3 cr
CSCI 424	Networked Applications	3 cr

Requirements for the UNIX System Administration Certificate (9-10 credits)

The Computer Science Department offers a certificate in UNIX system administration that provides background and experience for students interested in careers in system administration. This certificate consists of the following courses:

Required Courses (9-10 credits)

CSCI 145	Introduction to Computer Science	5 cr
OR		
CSCI 241	Computer Science I	4 cr
CSCI 274	UNIX Concepts and Tools	1 cr
CSCI 275	UNIX Scripting	1 cr
CSCI 375	UNIX System Administration	3 cr

Requirements for the World Wide Web Publishing Certificate (15 credits)

In cooperation with the Art Department, the Computer Science Department offers a certificate in World Wide Web publishing. The certificate serves traditional students who want to augment their major and improve their employability by adding webmaster skills, as well as professionals interested in the essentials of webpage design. Individuals may enter the program at any point, depending on background and experience.

Required Courses (15 credits)

ART 102	Introduction to Two-Dimensional Design	3 cr
ART 377	Web Design I	3 cr
CSCI 130	Introduction to Programming	3 cr
CSCI 220	Web Concepts I	3 cr
CSCI 322	Web Concepts II	3 cr
OR		
ART 477	Web Design II	3 cr

Requirements for the Cyber Security Certificate (9 credits)

The Computer Science Department offers a certificate in cyber security for students interested in careers as an information systems auditor or security analyst. Our certificate is the first offered by a four year university in Wisconsin that meets the Committee on National Security Systems National Training Standard for: Information Systems Security (INFOSEC) Professionals, NSTISSI No. 4011. With the growth of computer networking and the World Wide Web, cyber security has become of increasing importance to all computer users. Our certificate gives students a background in securing desktop computers, servers, and the networks that connect them. The certificate is supported by a dedicated laboratory that is isolated from the rest of the campus network, allowing students to gain practical hands-on knowledge of the tools used to both attack and defend computers.

Choose three courses (9 credits)

CSCI 445	Web Security	3 cr
CSCI 477	Computer Communication and Networks	3 cr
	OR	
MIS 424	Advanced Business Data Communications	3 cr
CSCI 478	Network Security	3 cr
CSCI 479	Information Systems Security	3 cr

Courses in Computer Science (CSCI)

101 Computer Software Tools ..... 3 cr
Prereq: None. Freq: Occasionally
Each section introduces a particular software tool. Commonly offered tools include: word processors, spreadsheets, presentation software and databases. Meets two hours per week for eight weeks. May be repeated for credit with different content. Students are expected to have basic computer proficiency skills before taking this course. Students seeking basic computer proficiency skills are encouraged to take ACSK 095.

105 Introduction to Computers ..... 3 cr
Prereq: None. Freq: Fall, Spring, Summer.
Computer components and the principles of operation; networking, the Internet and the World Wide Web; problem solving techniques, introduction to algorithms, elementary programming concepts.

130 Introduction to Programming ..... 3 cr
Prereq: MATH 111 or equivalent. Freq: Fall.
Fundamentals of high-level programming language: object-orientation, methods, functions, variables, program control.

145 Introduction to Computer Science ..... 5 cr
Prereq: C or better in MATH 112 and 113 or 114. Freq: Fall.
An introduction to the fundamentals of software development; including software classes, objects, logic, selection control, repetition control, subprograms, parameter passage, and rudimentary software engineering techniques. Students complete numerous programming projects using a modern programming language. Three-hour lecture; one-hour discussion; two-hour lab. Not open to those with credit in CSCI 241.

210 Mobile Device Interfaces ..... 3 cr
Prereq: Math 111. Freq: Fall.
Focuses on the fundamentals of interface design for mobile devices. Topics include input, output, organization, and human-computer interaction. Various tools are used to design and implement interfaces appropriate for various screen sizes and resolutions found on mobile devices.

220 Web Concepts I ..... 3 cr
Prereq: C or better in CSCI 130, 145 or 241; or MIS 221; or consent of instructor Freq: Fall.
Web client programming concepts. website authoring, dynamic web pages, object usage, events and event-driven programming, markup languages, document object model. Two-hour lecture, two-hour lab.

231 Discrete Mathematics ..... 3 cr
Prereq: C of better in MATH 112. Freq: Fall, Spring.
Sets; the number system; Boolean algebra; formal logic and proofs; relations and functions; combinatorics and recurrence relations; graphs and trees. Cross-listed with MATH 231.

241 Computer Science I ..... 4 cr
Prereq: CSCI 130; C or better in MATH 112 and 113, or MATH 114; or consent of instructor. Freq: Yearly.
Fundamentals of software development; including software classes, objects, logic, selection control, repetition control, subprograms, parameter passage, and rudimentary software engineering techniques. Students complete numerous programming projects using a modern programming language. Three-hour lecture; two-hour lab. Not open to those with credit in CSCI 145.

242 Computer Science II ..... 4 cr
Prereq: C or better in CSCI 145 or 241. Freq: Fall, Spring.
Object-oriented programming concepts including inheritance and polymorphism; recursion; introduction to data structures including: lists, stacks, queues, trees and maps; advanced sorting and searching algorithms. Three-hour lecture, two-hour lab.

245 Assembly Language Programming ..... 3 cr
Prereq: C or better in either CSCI 145 or 241; C or better in CSCI 231, 242 or concurrent registration. Freq: Fall, Spring.
Organization of computers, digital representation of data, symbolic coding and assembler systems, instructions, addressing modes, program segmentation and linkage, and applications.

274 UNIX Concepts and Tools ..... 1 cr
Prereq: C or better In any CSCI or MIS course, or consent of instructor. Freq: Fall.
Concepts and tools for UNIX including file system organization, directory and file manipulation, text processing, UNIX processes, editors, interacting with other users, interacting with Internet hosts systems.

275 UNIX Scripting ..... 1 cr
Prereq: C or better in CSCI 130, 145 or 241, or MIS 221, or concurrent registration and C or better in CSCI 274. Freq: Fall.
Unix shells, shell variables and the environment, scripting languages, input and output, control structures, argument handling, functions, parameter passing and start-up scripts.

290 Special Topics in Computer Science ..... 1-4 cr
Prereq: Consent of instructor. Freq: Occasionally.
Elementary topics in computer science.

296 Professional Certification ..... 1-6 cr
Prereq: Consent of instructor. Freq: Occasionally.
Instruction and laboratory work preparing students to take professional certification examinations. Credits will vary depending on certification program. Special laboratory fees, add/drop deadlines, and fee refund policies may apply.

309 Probability and Statistics ..... 3 cr
Prereq: C or better in Math 221. Freq: Spring
Elementary probability; random variables, properties of distributions, sampling, queuing theory, central limit theorem and law of large numbers.

322 Web Concepts II ..... 3 cr
Prereq: CSCI 220 or consent of instructor. Freq: Spring.
Server-side programming concepts; server architectures; relational databases and database connectivity; dynamic web pages; form processing; web services. Two-hour lecture, two-hour lab.

331 Computational Models ..... 3 cr
Prereq: C or better in CSCI 231. Freq: Occasionally.
Regular languages, finite automata, context-free languages and grammars, push-down automata, Turing machines, algorithms and the Church-Turing thesis, and decidability.

333 Programming Languages ..... 3 cr
Prereq: C or better in CSCI 231, 242. Freq: Spring.
Introduction to the syntax and semantic issues in programming languages and their effect on language implementation. This includes methods to specify languages, data storage, and the sequence of control in programs. Non-procedural languages, including functional and logic languages, will be examined.

340 Data Structures and Algorithm Design ..... 3 cr
Prereq: C or better in CSCI 231, 242. Freq: Spring.
Study of the design, implementation and analysis of computer algorithms; time and space requirements for sorting, searching, graph theory, mathematics and string processing algorithms.

355 Computer Architecture ..... 3 cr
Prereq: C or better in 245. Freq: Spring.
The design of computer systems and components. Processor design, control structures and microprogramming; caches, memory hierarchies, mass memory, and memory management; buses, interrupts and I/O structures; multiprocessors and advanced processors.

368 Mathematical Modeling..... 3 cr
Prereq: MATH 222; MATH 250 or CSCI 242. Freq: Occasionally.
Survey of mathematical models, models involving differential equations, probabilistic models, Markovian models, simulation, and Monte-Carlo methods. Cross-listed with MATH 368.

370 Operating Systems ..... 3 cr
Prereq: C or better in CSCI 242 and 355. Freq: Fall.
Operating system concepts, process definition and implementation, deadlock, memory management and protection, distributed system architecture, and case studies.

375 UNIX System Administration ..... 3 cr
Prereq: C or better in CSCI 275. Freq: Spring.
UNIX system administration concepts and techniques including system organization, kernel configuration, device management, system files and runtime maintenance, software configuration and installation, and network configuration; comparison of UNIX with other operating systems. Two hour lecture; two hour lab.

380 Database Management Systems..... 3 cr
Prereq: C or better in CSCI 242. Freq: Fall.
The relational model, database design, relational database query languages such as Relational Algebra and SQL, database normalization techniques, physical database design.

405 Artificial Intelligence (AI) ..... 3 cr
Prereq: C or better in CSCI 333. Freq: Occasionally.
Introduction to Artificial Intelligence (AI) techniques that include search, game playing, and knowledge representation. Specific subdisciplines of AI including natural language processing and neural networks. Programming assignments in both Prolog and LISP. Not open to those with credit in CIS 605.

420 Computer Graphics..... 3 cr
Prereq: C or better in CSCI 340. Freq: Occasionally.
Graphics hardware and software, techniques for representation and visualization, two- and three-dimensional transformations, concepts and techniques of visual realism.

421 Computer Vision..... 3 cr
Prereq: C or better in CSCI 340 or 333. Freq: Occasionally.
Review of algebra of matrices and partial differentiation. Introduction to Machine Vision and Image Processing including image formation, thresholding, image filtering, edge detection, image segmentation, image data compression, image similarity and some dynamic vision.

422 Multimedia Systems..... 3 cr
Prereq: C or better in CSCI 333 or 340. Freq: Occasionally.
Principles and design of multimedia systems; implementation of multimedia algorithms; and discussion of current multimedia technologies. Not open to students wth credit in CIS 622.

423 Mobile Device Programming..... 3 cr
Prereq: C or better in CSCI 333, or consent of instructor.
Freq: Occasionally.
Examination of existing tools, environments and programming languages for developing applications for mobile devices. Exploration of current research on mobile applications and future trends.

424 Networked Applications ..... 3 cr
Prereq: C or better in CSCI 423 or consent of instructor. Freq: Spring.
Explores server-side application programming concepts. Topics include server architectures, communication protocols, relational databases and database connectivity, dynamic content delivery and communication security.

440 Compiler Design and Implementation ..... 3 cr
Prereq: C or better in CSCI 333 or concurrent registration.
Freq: Occasionally.
Theory, design and implementation of compilers and other syntax-directed systems. Applies techniques of finite state machines, lexical analysis, symbol tables, parsing, storage allocation and code generation to the development of a compiler. Laboratory work included.

444 Event-Driven Programming..... 3 cr
Prereq: C or better in CSCI 370. Freq: Occasionally.
Origins of events; the event-driven programming model; interrupt processing as event handling; client-server architectures; windowing environments and GUI programming; development support software; case studies; and student project.

445 Web Security..... 3 cr
Prereq: C or better in CSCI 242 or 322. Freq: Occasionally
Vulnerabilities of web languages, interfaces, servers and databases. Identifying and avoiding vulnerabilities with shopping carts, HTTP/HTTPS and the URL. Detecting and preventing hacking techniques such as cyber graffiti, e-shoplifting, impersonation, buffer overflows and cross-site scripting.

467 Computability and Automata..... 3 cr
Prereq: C or better in CSCI 331 or consent of instructor.
Freq: Occasionally.
Turing machines, recursive functions, Kleene's T Predicate, Ackermann's function, finite automata, grammars and languages. Cross-listed with MATH 467.

475 Software Engineering Principles and Practice I..... 3 cr
Prereq: C or better in CSCI 333, 340, 370 or 380. Freq: Fall.
An introduction to UML design and teamwork in the development of a larger software system. The use of UML use case, activity, class/object, interaction, and state diagrams in the creation of efficient designs and systems.

476 Software Engineering Principles and Practice II..... 3 cr
Prereq: C or better in CSCI 475. Freq: Spring.
Software development from an engineering perspective including software development models, team organization and management, implementation strategies, software testing and verification, and project cost estimation. Students will demonstrate their mastery of software engineering design and development strategies through implementation of a significant team-based project.

477 Computer Communications and Networks.....3 cr
Prereq: C or better in CSCI 242, 245. Freq: Occasionally.
Transmission protocols, layered network protocols, network topology, message routing, performance analysis, security, and case studies.

478 Network Security..... 3 cr
Prereq: C or better in CSCI 370, 375, 477 or MIS 327.
Freq: Occasionally.
Computer and network security related to operating systems, networks and system administration issues, including hacking, incident response, firewalls, VPNs, intrusion detection, and auditing. A background in computer networking is helpful.

479 Information Systems Security..... 3 cr
Prereq: C or better in CSCI 242 or MIS 328. Freq: Occasionally.
Introduction to information systems security. Considers technical, administrative, and physical aspects of IT security. Topics include fraud, risk, information protection, business continuity, network security, auditing, and security planning and governance.

480 Advanced Databases ..... 3 cr
Prereq: C or better in CSCI 380. Freq: Occasionally.
Review of relational database languages such as SQL and Relational Algebra, and query optimization techniques. Non-relational database models including object-oriented databases, XML databases, and deductive databases. Data mining, transaction management, concurrency control, text retrieval, and web data management.

490 Special Topics in Computer Science ..... 1-4 cr
Prereq: Consent of instructor. Freq: Occasionally.
Advanced topics in computer science with applications.

492 Practicum in Web Development ..... 2 cr
Prereq: Consent of instructor. Freq: Fall, Spring.
Independent work in developing a significant web site or on a specific problem in web development under the supervision of faculty.

493 Internship in Computer Science ..... 1-2 cr
Prereq: Consent of instructor and department chair.
Freq: Fall, Spring.
Participation in the technical activities of an ongoing organization under the joint guidance and supervision of a member of the organization and member of the faculty. Grading will be on a credit/no-credit basis. A student may register and receive credit in this course for a maximum of 6 credits.

494 Cooperative Education ..... 1-2 cr
Prereq: Junior standing and consent of instructor.
Freq: Occasionally.
Participation in the Cooperative Education Program offered by the division, which provides alternate classroom and field work experience under faculty supervision. Maximum of 2 credits per work period and up to a total of 6 credits.

495 Computer Science Seminar ..... 2 cr
Prereq: Any 300-level CSCI course or consent of instructor.
Freq: Spring.
Examines computer ethics, the computing profession, current trends in information technology, and career opportunities. Includes oral presentations.

499 Independent Study ..... 1-3 cr
Prereq: Consent of instructor and department chair.
Freq: Fall, Spring.
Independent work on a specific problem in computer science under the supervision of faculty.

CRIMINAL JUSTICE

Molinaro 367 • 262-595-3416

Degree Offered:
Bachelor of Arts.

Professors:
Rome, Ph.D., Takata, Ph.D.

Associate Professor:
Faggiani, Ph.D.

Assistant Professor:
Watts, Ph.D.

Lecturer:
Loud, M.S.Ed.

Career Possibilities:
The criminal justice major is designed to provide a broad-based liberal arts education for undergraduates interested in careers in criminal justice and criminal law. Increasingly, criminal justice agencies require bachelor's degrees for entry-level and management positions. Possible career opportunities include federal, state, and local law enforcement, probation and parole officers, youth counselors, private investigators, criminal investigators, correctional officers, intelligence analysts, legal assistants, family violence counselors, victim-witness advocates and counselors, statistical research analysts, court administrators, customs officers, and border patrol agents.

Department Overview

The criminal justice major is an interdisciplinary field with emphasis on the social sciences. Criminal justice examines the scientific study of the structure and function of law enforcement, the courts and corrections. In other words, criminal justice examines decision-making processes, operations and other justice-related issues.

Program Level Outcomes

Our students can use their knowledge in Criminal Justice to:

1. Improve the Justice System - by communicating the results of Criminal Justice concepts and criminological theories to articulate methods and strategies to improve our Justice System.
2. Advance the Scientific Basis - exercise reasoned judgment to advance the scientific basis of criminal justice practices, policies and procedures by identifying and evaluating research needs and priorities of our Justice Agencies.
3. Promote Ethical Principles and Practices - demonstrate social and personal responsibility by evaluating evidence, acting ethically, and reflecting the values that are the underpinnings of Criminal Justice as an academic discipline.

Preparation for Graduate School

The criminal justice major provides preparation for professional and graduate studies in law, criminology, criminal justice, sociology, public administration, and other related fields.

Requirements for Admission to the Criminal Justice Major

In order to declare a major in criminal justice, the student must have 1) CRMJ 101 Introduction to Criminal Justice (or equivalent transfer course) with a grade of C or better, and 2) an overall GPA of at least 2.25.

Requirements for the Criminal Justice Major (42 Credits)

This 42-credit major includes a core of 27 credits of criminal justice courses and 15 credits of upper-level electives. At least 15 credits of upper-level courses in the major must be completed at UW-Parkside. An internship is strongly recommended.

Complete with a C or better (C-minus is not acceptable) all courses toward the criminal justice major. Courses are selected in consultation with your academic adviser.

A. Required Core Courses (27 credits)

CRMJ 101	Introduction to Criminal Justice	3 cr
CRMJ 200	Criminal Justice Research Methods	3 cr
CRMJ 233	Criminology	3 cr
CRMJ 234	Juvenile Delinquency/Juvenile Justice	3 cr
CRMJ 235	Police and Society	3 cr
CRMJ 316	Criminal Procedure	3 cr
CRMJ 363	Corrections	3 cr
CRMJ 365	Race, Crime and Law (DV)	3 cr
CRMJ 380	Criminal Law	3 cr

B. Upper-Level Electives (15 credits)

Suggested 300-level electives relevant to possible career tracks:

Law Enforcement

CRMJ 305	Family Violence	3 cr
CRMJ 335	Liability Issues in Criminal Justice	3 cr
CRMJ 344	Organized Crime	3 cr
CRMJ 345	White Collar Crime	3 cr
CRMJ 355	Forensic Evidence	3 cr
CRMJ 366	Women, Crime and Criminal Justice	3 cr
CRMJ 368	Victimology	3 cr
CRMJ 371	The Criminal Mind	3 cr
CRMJ 372	Violence	3 cr
CRMJ 387	Terrorism and Security	3 cr
PHIL 328	Ethics/Criminal Justice System	3 cr
POLS 310	Constitutional Law: Civil Liberties	3 cr
SOCA 310	Forensic Anthropology	3 cr

Courts/Law

CRMJ 335	Liability Issues in Criminal Justice	3 cr
CRMJ 352	Law and Social Change	3 cr
CRMJ 359	Law and Society	3 cr
CRMJ 371	The Criminal Mind	3 cr
CRMJ 375	Criminal Court Process	3 cr
PHIL 328	Ethics/Criminal Justice System	3 cr
POLS 310	Constitutional Law: Civil Liberties	3 cr
POLS 320	Constitutional Law: Structure of Government	3 cr

Corrections

CRMJ 305	Family Violence	3 cr
CRMJ 325	Restorative Justice	3 cr
CRMJ 335	Liability Issues in Criminal Justice	3 cr
CRMJ 361	Correctional Intervention	3 cr
CRMJ 362	Community Corrections	3 cr
CRMJ 364	Capital Punishment	3 cr
CRMJ 366	Women, Crime, Criminal Justice	3 cr
CRMJ 371	The Criminal Mind	3 cr
CRMJ 372	Violence	3 cr
PHIL 320	Value Theory: Punishment	3 cr
PHIL 328	Ethics/Criminal Justice System	3 cr

Juvenile Justice

CRMJ 305	Family Violence	3 cr
CRMJ 366	Women, Crime and Criminal Justice	3 cr
CRMJ 372	Violence	3 cr
CRMJ 391	The Criminal Justice Profession	3 cr
PHIL 328	Ethics/Criminal Justice System	3 cr

Criminal Justice/Social Justice

CRMJ 352	Law and Social Change	3 cr
CRMJ 353	Criminal Justice/Social Justice	3 cr
CRMJ 359	Law and Society	3 cr
CRMJ 367	Latinos(as) and the Law	3 cr
CRMJ 374	Crime & Human Rights	3 cr
CRMJ 385	Media, Crime and Criminal Justice	3 cr
CRMJ 388	Comparative and International Criminal Justice Systems	3 cr
CRMJ 391	The Criminal Justice Profession	3 cr
POLS 316	Diversity Law: African Americans (DV)	3 cr
CRMJ 492	Criminal Justice Research Seminar	3 cr
CRMJ 494	Criminal Justice Internship*	3-6 cr

* Only 3 credits of CRMJ 494 will count toward criminal justice upper-division elective credits

Requirements for the Criminal Justice Minor (24-26 Credits)

The minor in criminal justice consists of a minimum of 24-26 credits, distributed as follows:

Core Courses Required (12 credits)

A. Required Course:

CRMJ 101	Introduction to Criminal Justice	3 cr

Select 9 credits from the following Core Courses:

CRMJ 233	Criminology	3 cr
CRMJ 234	Juvenile Delinquency/Juvenile Justice	3 cr
CRMJ 235	Police and Society	3 cr
CRMJ 316	Criminal Procedure	3 cr
CRMJ 363	Corrections	3 cr
CRMJ 365	Race, Crime and Law (DV)	3 cr
CRMJ 380	Criminal Law	3 cr

B. Research Methods/Statistics (3-5 credits)

CRMJ 200	Criminal Justice Research Methods	3 cr

or equivalent methods/statistics course approved by the criminal justice adviser.

C. Upper-Level Electives (Select 9 credits)

Suggested 300-level electives relevant to possible career tracks:

Law Enforcement

CRMJ 305	Family Violence	3 cr
CRMJ 335	Liability Issues in Criminal Justice	3 cr
CRMJ 344	Organized Crime	3 cr
CRMJ 345	White Collar Crime	3 cr
CRMJ 355	Forensic Evidence	3 cr
CRMJ 366	Women, Crime and Criminal Justice	3 cr
CRMJ 368	Victimology	3 cr
CRMJ 371	The Criminal Mind	3 cr
CRMJ 372	Violence	3 cr
CRMJ 387	Terrorism and Security	3 cr
PHIL 328	Ethics in the Criminal Justice System	3 cr
POLS 310	Constitutional Law: Civil Liberties	3 cr
SOCA 310	Forensic Anthropology	3 cr

Courts/Law

CRMJ 335	Liability Issues in Criminal Justice	3 cr
CRMJ 352	Law and Social Change	3 cr
CRMJ 359	Law and Society	3 cr
CRMJ 371	The Criminal Mind	3 cr
CRMJ 375	Criminal Court Process	3 cr
PHIL 328	Ethics in the Criminal Justice System	3 cr
POLS 310	Constitutional Law: Civil Liberties	3 cr
POLS 320	Constitutional Law: Structure of Government	3 cr

Corrections

CRMJ 305	Family Violence	3 cr
CRMJ 325	Restorative Justice	3 cr
CRMJ 335	Liability Issues in Criminal Justice	3 cr
CRMJ 361	Correctional Intervention	3 cr
CRMJ 362	Community Corrections	3 cr
CRMJ 364	Capital Punishment	3 cr

CRMJ 366	Women, Crime and Criminal Justice	3 cr
CRMJ 371	The Criminal Mind	3 cr
CRMJ 372	Violence	3 cr
PHIL 320	Value Theory: Punishment	3 cr
PHIL 328	Ethics in the Criminal Justice System	3 cr

Juvenile Justice

CRMJ 305	Family Violence	3 cr
CRMJ 366	Women, Crime and Criminal Justice	3 cr
CRMJ 372	Violence	3 cr
CRMJ 391	The Criminal Justice Profession	3 cr
PHIL 328	Ethics in the Criminal Justice System	3 cr

Criminal Justice/Social Justice

CRMJ 352	Law and Social Change	3 cr
CRMJ 353	Criminal Justice/Social Justice	3 cr
CRMJ 359	Law and Society	3 cr
CRMJ 367	Latinos(as) and the Law	3 cr
CRMJ 374	Crime & Human Rights	3 cr
CRMJ 385	Media, Crime and Criminal Justice	3 cr
CRMJ 388	Comparative and International Criminal Justice Systems	3 cr
CRMJ 391	The Criminal Justice Profession	3 cr
POLS 316	Diversity Law: African Americans (DV)	3 cr
CRMJ 492	Criminal Justice Research Seminar	3 cr
CRMJ 494	Criminal Justice Internship*	3-6cr

* Only 3 credits of CRMJ 494 will count toward criminal justice upper-division elective credits

Courses in Criminal Justice (CRMJ)

101 Introduction to Criminal Justice ..... 3 cr
Prereq: None. Freq: Fall, Spring, Summer.
An introduction to the study of agencies and processes involved in the criminal justice system: law enforcement, the courts, corrections, and juvenile justice. An analysis of the roles and problems within criminal justice agencies in a democratic society.

200 Criminal Justice Research Methods ..... 3 cr
Prereq: CRMJ 101. Freq: Fall, Spring.
Methods, philosophy and sources of criminal justice research.

233 Criminology ..... 3 cr
Prereq: CRMJ 101 or SOCA 100 or 101 or consent of instructor. Freq: Fall, Spring.
Examination of past and current theory and research. Crime as a consequence of social, economic, political and personal factors. Critique of approaches to prevention and correction. Cross-listed with SOCA 233.

234 Juvenile Delinquency/Juvenile Justice ..... 3 cr
Prereq: CRMJ 101 or SOCA 100 or 101 or consent of instructor. Freq: Fall, Spring.
Conceptions of juvenile delinquency; the offender in the juvenile justice system; the philosophy, structure and function of juvenile courts; the philosophy, development, and organization of diversion, detention and treatment of the juvenile offender. Cross-listed with SOCA 234.

235 Police and Society ..... 3 cr
Prereq: CRMJ 101 or SOCA 100 or 101 or consent of instructor. Freq: Fall, Spring.
A study of the various levels, roles, and functions of law enforcement in America. The nature and responsibilities of law enforcement are discussed and evaluated, including police accountability and civil liability. Examines the racial, ethnic and gender issues in law enforcement. Cross-listed with SOCA 235.

290 Special Topics in Criminal Justice ..... 3 cr
Prereq: Consent of instructor. Freq: Occasionally.
Selected topics in criminal justice will be examined. General elective only, not upper-level elective.

305 Family Violence ..... 3 cr
Prereq: CRMJ 101 or consent of instructor. Freq: Occasionally.
An examination of the criminal justice response to family violence, which includes child abuse, spousal abuse, elder abuse, date rape, and others. The prevalence and extent of family violence as well as strategies for treatment and prevention will be explored.

316 Criminal Procedure ..... 3 cr
Prereq: CRMJ 101 or consent of instructor. Freq: Fall, Spring
This course provides a selective analysis of the constitutional amendments most relevant to criminal justice process. Designed to complement criminal law and criminal court process, it offers a comprehensive explanation of the Fourth, Fifth, Sixth, Eighth, and 14th amendments; more commonly known as the criminal justice amendments.

325 Restorative Justice ..... 3 cr
Prereq: CRMJ 101 or consent of instructor. Freq: Yearly.
This course examines the basic principles of restorative justice and its variants, such as transformative justice, peacemaking criminology, and community justice systems. Restorative justice is contrasted with the dominant retributive/punitive model of justice. The position of the victim, offender, and the community within the context of restorative justice is also explored and examined.

335 Liability Issues in Criminal Justice ..... 3 cr
Prereq: CRMJ 101 or consent of instructor. Freq: Occasionally.
Liability issues in criminal justice focuses on the constitutional and statutory rules governing liability for governmental actions resulting in harm to citizens under civil rights laws.

344 Organized Crime ..... 3 cr
Prereq: CRMJ 101 or consent of instructor. Freq: Occasionally.
This course examines the development of organized crime in America and internationally, including the history, development, ethnic links, and impact on society and the economy. International cooperation in addressing the problem of organized crime will be covered.

345 White Collar Crime ..... 3 cr
Prereq: CRMJ 101 or consent of instructor. Freq: Occasionally.
This course covers a variety of issues in white collar and corporate crime including the kinds of offenses officially defined in the law as white collar crime. Criminological theories about white collar crime, including controversies over how it is defined, are reviewed.

352 Law and Social Change ..... 3 cr
Prereq: CRMJ 101or SOCA 100 or 101 or consent of instructor. Freq: Yearly.
This course will provide a broad theoretical background against which to explore policies in the system of law, in definition and enforcement of the law, and to follow those policies as they have been and are presently affected by social change. Cross-listed with SOCA 352.

353 Criminal Justice/Social Justice ..... 3 cr
Prereq: CRMJ 101 or consent of instructor. Freq: Occasionally.
This course explores the theory, policy and practice of justice from the criminological, sociological and philosophical perspectives of justice. The relationship between criminal justice and social justice will be examined.

355 Forensic Evidence ..... 3 cr
Prereq: CRMJ 101 or consent of instructor. Freq: Occasionally.
This course covers a variety of issues in forensic investigation including the types of scientific evidence frequently encountered in the criminal courts. Particular emphasis on scientific evidence in criminal investigations and a few selected cases involving introduction of scientific evidence, are reviewed.

359 Law and Society ..... 3 cr
Prereq: CRMJ 101, SOCA 100 or 101. Freq: Occasionally.
Selected legal rules, principles, and institutions treated from a sociological perspective. Influence of culture and social organization on law; role of law in social change; social aspects of the administration of justice; and social knowledge and law. Cross-listed with SOCA 359.

361 Correctional Intervention ..... 3 cr
Prereq: CRMJ 101, or consent of instructor. Freq: Yearly.
This course will review the history of correctional treatment in the United States, from doing penance in the earliest forms of prison to modern day rehabilitative techniques. It will include a discussion of both conservative and liberal form of correctional intervention and is intended to give students an understanding of the interventions that are used to reduce criminal behavior in the field of corrections.

362 Community Corrections ..... 3 cr
Prereq: CRMJ 101 or consent of instructor. Freq: Occasionally.
An overview of major components of community-based methods of correctional supervision with an emphasis on probation and parole. Community supervision will be examined from historical, philosophical, social and legal perspectives.

363 Corrections ..... 3 cr
Prereq: CRMJ 101 or SOCA 100 or 101 or consent of instructor. Freq: Fall, Spring.
Analysis of the organization of correctional agencies and the role of corrections in the criminal justice system. Review of theories, practices, systems, and treatment methods. Cross-listed with SOCA 363.

364 Capital Punishment ..... 3 cr
Prereq: CRMJ 101 or consent of instructor. Freq: Occasionally.
An examination of historic and current trends in capital punishment. Considers the literature and philosophical basis of capital punishment, and other issues (e.g., the costs, future trends). Provides an in-depth examination of capital punishment from a criminal justice policy perspective.

365 Race, Crime and Law ..... 3 cr
Prereq: CRMJ 101 or SOCA 100 or 101, junior standing. Freq: Fall, Spring.
This course explores the intersections of race, crime and law in terms of the historical context, the present-day situation and future directions. From law enforcement to courts and corrections, this course focuses on the multiple perspectives from offender to victim to criminal justice practitioner. Cross-listed with SOCA 365.

366 Women, Crime and Criminal Justice ..... 3 cr
Prereq: CRMJ 101 or consent of instructor. Freq: Occasionally.
Examines the study of female crime and delinquency. In addition to women as offenders, this course focuses on women as victims and workers in the criminal justice system. Cross-listed with WGSS 366.

367 Latinos(as) and the Law ..... 3 cr
Prereq: CRMJ 101 or POLS 100; or consent of instructor. Freq: Occasionally.
Introduces and examines experiences Latinos(as) encounter with and within the U.S. criminal justice system, as well as related international and transnational issues. A range of theoretical frameworks will be utilized, including socio-ecological, political, and psychological. Cross-listed with ISTD 367/POLS 367.

368 Victimology ..... 3 cr
Prereq: CRMJ 101, or SOCA 100 or 101 or consent of instructor. Freq: Occasionally.
An examination of the causes and consequences of crime victimization. The history and recent re-emergence of the study of the victim, the types and circumstances of criminal victimization. The course addresses victims' rights and the victims' rights movement. Cross-listed with SOCA 368.

371 The Criminal Mind ..... 3 cr
Prereq: CRMJ 101 or consent of instructor. Freq: Occasionally.
Criminal behavior will be examined in relation to learning factors, psychopathy, juvenile delinquency, mental disorders, violence and homicide, sexual offenses, economic crimes, drugs and alcohol and the correctional system.

372 Violence ..... 3 cr
Prereq: CRMJ 101 or consent of instructor. Freq: Occasionally.
This course introduces students to the study of violence and offers a historically grounded, multidisciplinary approach that integrates perspectives from the social sciences, humanities and the natural and physical sciences, in order to provide a comparative framework within which to understand violence.

374 Crime & Human Rights ..... 3 cr
Prereq: CRMJ 101 or consent of instructor. Freq: Occasionally.
Focuses on the interrelationship between crime and human rights. Discusses the Bill of Rights especially the freedom of expression, fundamental fairness and equality. Examines the American criminal justice system via the works of prominent writers, researchers and activists.

375 Criminal Court Process ..... 3 cr
Prereq: CRMJ 101 or consent of instructor. Freq: Occasionally.
An analysis of the criminal court process from the formal charging of criminal cases through sentencing. An examination of the manner in which cases move through the criminal court system.

380 Criminal Law ..... 3 cr
Prereq: CRMJ 101 or consent of instructor. Freq: Fall, Spring.
An analysis of substantive criminal law. Included are elements of crime; crimes against person, property and public morality; complicity; and inchoate crime.

385 Media, Crime and Criminal Justice ..... 3 cr
Prereq: CRMJ 101 or consent of instructor. Freq: Occasionally.
Examination of the interrelationship between the mass media, crime and criminal justice. Some topics covered: media and the social construction of crime; crime and justice in the entertainment and news media; media as a cause of crime; and media-based anti-crime efforts.

387 Terrorism and Security ..... 3 cr
Prereq: CRMJ 101 or consent of instructor. Freq: Occasionally.
This course explores and examines the phenomenon of terrorism from a global context. Focusing on a critical understanding of the history and theories of terrorism as well as the societal responses to terrorism, and the civil and human rights implications of such response.

388 Comparative and International Criminal Justice Systems..... 3 cr

Prereq: CRMJ 101 or consent of instructor. Freq: Yearly.

This course examines critically the theory and methods of comparative criminal justice. A survey of the procedures and processes employed by other countries to identify, adjudicate and respond to crime and deviant behaviors.

391 The Criminal Justice Profession ..... 3 cr

Prereq: CRMJ 101 or consent of instructor. Freq: Occasionally.

This course examines the development of the criminal justice profession – the historical changes, present-day issues and future directions. In addition, this course focuses on various issues such as professional socialization ranging from the macro-occupational structure of the profession to the micro-processes of becoming a criminal justice professional, traditional and nontraditional career paths within criminal justice, promotions, and professional advancement.

490 Special Topics in Criminal Justice ..... 3 cr

Prereq: CRMJ 101 and junior standing, or consent of instructor. Freq: Fall, Spring.

Selected topics in criminal justice are offered and the content varies from semester to semester.

492 Criminal Justice Research Seminar..... 3 cr

Prereq:CRMJ 101 and junior standing. Consent of instructor. Freq: Occasionally.

A selected criminal justice research project at the advanced level will be offered to students under faculty supervision. Hands-on community research will be conducted as a class project. Research project will vary from semester to semester. May be repeated for credit with different projects.

494 Criminal Justice Internship .....3-6 cr

Prereq: Junior standing, criminal justice major, departmental permission required. Freq: Fall, Spring, Summer.

Field experience designed to further the student's integration of theory and practice in a professional setting. Potential placements include federal, state, county and municipal criminal justice or administrative law agencies or nonprofit residential treatment facilities. Limited enrollment. (Only 3 credits of the 6 credits can be used to fulfill the criminal justice upper-level elective credit.)

499 Independent Study.....1-4 cr

Prereq: Criminal justice major; junior standing, and consent of instructor. Freq: Fall, Spring.

Independent work on specific problems in criminal justice under faculty supervision. Eligible areas of study include topics that are not explored sufficiently in the existing curriculum.

ECONOMICS

Molinaro 367 • 262-595-2316

Degree Offered:
Bachelor of Arts.

Professors:
Cloutier, Ph.D.; Kaufman, Ph.D. (Chair); Khan, Ph.D.

Assistant Professor:
Bahmani, Ph.D.

Student Organizations/Clubs:
Economics Club.

Career Possibilities:
Graduates with a bachelor's degree in economics are employed in a wide variety of jobs in both the private and public sectors of the economy. Recent economics graduates have obtained positions at Snap-on Inc., Modine Manufacturing, Komatsu, Humana Healthcare, US Bank, Northwestern Mutual, Educators Credit Union, Case-New Holland, Hewitt Associates, the U.S. Veteran's Administration, Prudential Financial, Runzheimer International, the U.S. Internal Revenue Service, S.C. Johnson, Humana, Diversey, Mercer, AXA Advisors, and Johnson Bank. In addition, economics graduates have become teachers in area high schools or have begun their professional careers by working for local government agencies or nonprofit organizations. Other economics graduates have harnessed their entrepreneurial abilities and have started up their own firms, such as LienBoss LLC and Singh Financial and Insurance Services.

Department Overview

Economics is the study of rational choice and the allocation of scarce resources in light of social values and competing needs and wants. Economics is used by everyone—individuals, businesses, and governments—and examines fundamental issues faced by societies: what goods and services should be produced; how should they be produced; and how should they be distributed in today's interconnected world. Studying economics develops methods of thinking that can be directly applied to a wide variety of problems in many different areas. Economics majors and minors develop analytical and problem-solving skills that enable them to understand economic phenomena and make optimal economic decisions.

The Economics Department offers both a major in economics and a minor in economics. Within the economics major, three courses of study are possible: the general major; the monetary and financial economics concentration in the major; and the quantitative concentration in the major. In addition to core principles and theory courses, the Economics Department teaches a wide range of advanced elective courses in various subfields of economics, including economic development, environmental economics, financial economics, industrial organization, international economics, labor economics, money and banking, public economics, and sports economics.

The Economics Department also supports the Economics Club, which visits the Chicago Federal Reserve Bank most semesters, and the Economics Honor Society.

Center for Economic Education

The CEE offers professional development programs and curriculum materials to K-12 teachers that enable them to teach economics and finance more effectively.

Preparation for Graduate School

The economics program provides an excellent foundation for graduate work in business, law, or the social sciences. The quantitative concentration in the economics major is designed particularly for students who expect to study economics or related fields in graduate school. Recent economics graduates have been accepted into graduate programs at the University of Georgia, George Washington University, the University of Oregon, the University of Wisconsin-Milwaukee, and the University of Wisconsin-Madison.

Internships

The internship in economics is a 1-3 credit learning experience in either the private or public sector for students with a minimum 2.50 cumulative GPA and with department approval.

Program Level Outcomes

1. Economics graduates will be able to evaluate the implications of economic scarcity in the context of resource allocation, production, and consumption and various economic institutions (aligns with Reasoned Judgment).

   Outcomes/Objectives:

   - Students can compare and evaluate the consequences of and the tradeoffs resulting from economic scarcity in the context of different market structures.

- Students can compare and evaluate the consequences of and the tradeoffs resulting from economic scarcity in the context of macroeconomic variables.

2. Economics graduates will be able to apply tools of economic decision-making to make optimal (efficient) economic decisions (aligns with Reasoned Judgment).

   Outcomes/Objectives:

   - Students can construct and apply economic models and analytical tools to explain economic relationships and evaluate solutions to economic problems.
   - Students can create economic databases, work effectively with data, and perform quantitative analysis.

3. Economics graduates will be able to evaluate the desirability of economic decisions and policies in terms of their effects on individual and social welfare (aligns with Social and Personal Responsibility).

   Outcomes/Objectives:

   - Students can compare and evaluate changes in the economic welfare of individuals, households, firms, government, and society resulting from domestic economic policies and global external economic shocks.
   - Students can compare and evaluate changes in the economic welfare of individuals and households in the context of diversity, equity, and other social goals.

4. Economics graduates will be able to communicate economic concepts, data, models, theories, and analyze effectively using various forms of media and communication technologies (aligns with Communication).

   Outcomes/Objectives:

   - Students can communicate in writing and by using tables, graphs, or mathematical representations (models) effectively to demonstrate comprehension of the underlying economic concepts and relationships.
   - Students can communicate verbally by using the spoken word or multimedia technologies effectively.

Requirements for the Economics Major (33-38 credits)

The Economics Department offers three courses of study in the economics major: the general major; the monetary and financial economics concentration in the major; and the quantitative concentration in the major. Economics majors must attain a minimum cumulative GPA of 2.25 in courses for the major. Transfer students must attain a minimum cumulative GPA of 2.25 in transfer courses applied to the major in addition to UW-Parkside courses for the major. Courses in introductory accounting and computer skills are recommended.

Required Core Courses (15 credits)

The economics core courses provide students with a solid foundation in both macroeconomics and microeconomics and an introduction to basic quantitative techniques. The following courses, or their equivalents, are required of all students (15 credits):

ECON 120	Principles of Microeconomics	3 cr
ECON 121	Principles of Macroeconomics	3 cr
QM 210	Business Statistics I	3 cr
ECON 320	Intermediate Micro Theory	3 cr
ECON 321	Intermediate Macro Theory	3 cr

Students who receive a B or better in ECON 101 and then declare an economics major after taking ECON 101 may petition to substitute ECON 101 for ECON 121. Transfer students who major in economics must earn at least 3 credits in intermediate theory (ECON 320, 321, or 412) at UW-Parkside.

Requirements for the General Economics Major (33 credits)

The general major is intended for students who seek a broad experience in economics and do not expect to study economics in graduate school. The general major consists of 33 credits to be completed as follows:

A. Required Core Courses Listed Above (15 credits)

B. Elective Courses (18 credits)

A minimum of 18 additional credits in economics, including at least 12 credits in upper-level (300 and 400 level) courses.

Requirements for the Major with the Monetary and Financial Economics Concentration (36 credits)

The monetary and financial economics concentration is designed for students who are interested in professional positions in the financial and banking sectors. This concentration consists of 36 credits to be completed as follows:

A. Required Core Courses Listed Above (15 credits)

B. Additional Required Courses (18 credits)

ACCT 201	Financial Accounting	3 cr
FIN 330	Managerial Finance	3 cr
ECON 366	Money and Banking	3 cr
ECON 367	Financial Institutions and Markets	3 cr
ECON 409	Introduction to Econometrics	3 cr
ECON 411	International Economics - Finance	3 cr

C. Elective Courses (3 credits)

Choose one course:

FIN 335	Investments	3 cr
ECON 360	Industrial Organization and Public Policy	3 cr
FIN 431	Advanced Managerial Finance	3 cr

Requirements for the Major with the Quantitative Concentration (38 credits)

The quantitative concentration is strongly recommended for students who expect to study economics in graduate school or seek a career using quantitative methods. This concentration consists of 38 credits to be completed as follows:

A. Required Core Courses Listed Above (15 credits)

B. Additional Required Courses (11 credits)

MATH 221	Calculus and Analytic Geometry I	5 cr
ECON 409	Introduction to Econometrics	3 cr
ECON 412	Managerial Economics	3 cr

C. Elective Courses (12 credits)

A minimum of 12 additional credits in economics, including at least 9 credits in upper-level (300 and 400 level) courses. Additional courses in mathematics are strongly recommended. Consult your economics adviser regarding recommended courses.

Requirements for the Economics Minor (18 credits)

The economics minor is intended for students who wish to develop a core understanding of economics that will complement their primary field of study. Whatever the major, a minor in economics signals to prospective employers that a UW-Parkside graduate possesses the analytical tools needed to understand economic phenomena and changing economic conditions.

Economics minors must attain a minimum cumulative GPA of 2.25 in courses for the minor. Transfer students must attain a minimum cumulative GPA of 2.25 in transfer courses applied to the minor in addition to UW-Parkside courses for the minor.

A. Required Courses (9 credits)

ECON 120	Principles of Microeconomics	3 cr
ECON 121	Principles of Macroeconomics	3 cr

Choose one of the following theory courses:

ECON 320	Intermediate Micro Theory	3 cr
ECON 321	Intermediate Macro Theory	3 cr

B. Elective Courses (9 credits):

A minimum of 9 additional credits in economics (200 level and above) including at least 6 credits in upper-level (300 and 400 level) courses.

Recommended Courses Outside of Economics

Economics majors who are either seeking a career in business or planning on pursuing an M.B.A. at UW-Parkside are strongly encouraged to complete a minor in business management. Please consult the Business Department for details.

Courses in Economics (ECON)

101 The American Economy ..... 3 cr
Prereq: None. Freq: Fall, Spring, Summer.
Provides an overview of the basic economic forces, institutions, and policy governing the U.S. economy. A one-semester survey course for students not intending to major in economics or business management. Not open to students with credit in ECON 120 or 121.

120 Principles of Microeconomics ..... 3 cr
Prereq: Computational skills required. Freq: Fall, Spring, Summer.
Develops and applies principles and models of demand and supply, consumer behavior, producer behavior, competitive and imperfectly competitive markets, and related contemporary economic policy issues.

121 Principles of Macroeconomics ..... 3 cr
Prereq: Computational skills required. Freq: Fall, Spring, Summer.
Develops and applies principles and models of economic aggregates such as national income, unemployment, inflation, economic growth, and the monetary system and analyzes monetary and fiscal policy.

210 Contemporary Economic Issues ..... 3 cr
Prereq: ECON 101, 120, or 121. Freq: Occasionally.
Discusses and analyzes current economic issues using basic economic principles. May include topical guest lectures by economics faculty.

260 Industrial Organization and Public Policy ..... 3 cr
Prereq: ECON 120. Freq: Occasionally.
Investigates patterns of market structure and business strategies, analyzes policies regarding collusive behavior and monopolization, and discusses current regulatory issues. Offered simultaneously with ECON 360. Cannot receive credit for both ECON 260 and ECON 360.

280 Comparative Economic Systems ..... 3 cr
Prereq: ECON 101, 120, or 121. Freq: Occasionally.
Compares and explores different present day economic systems in terms of their principles of operations, economic functions, and relevant social conditions and objectives.

290 Special Topics in Economics ..... 1-3 cr
Prereq: ECON 101, 120, or 121; or consent of instructor.
Freq: Occasionally.
Examines economic issues, problems and events of current interest. Subject matter varies. May be repeated with different topic.

300 Environmental Economics ..... 3 cr
Prereq: ECON 120. Freq: Occasionally.
Examines the relationships between economic behavior and environmental quality and analyzes environmental policies in terms of social benefits and costs, incentives, and economic efficiency.

301 Economic Issues of South Asia ..... 3 cr
Prereq: ECON 101, 120, or 121; or consent of instructor.
Freq: Occasionally.
Examines the recent economic development history of South Asia—primarily Bangladesh, India, Pakistan, and Sri Lanka with a detailed focus on India. Studies the macroeconomic performance, poverty reduction, human capital development, and related issues within the context of democratization in this region.

304 Economics of Urban Problems ..... 3 cr
Prereq: ECON 101 or 120. Freq: Occasionally.
Applies tools of economic analysis to selected urban problems including housing, urban renewal and development, transportation, pollution, poverty, crime, and the financing of urban services.

305 Economics of Sports ..... 3 cr
Prereq: ECON 120; or consent of instructor.
Freq: Spring (odd years) .
Examines economic issues in professional sports such as labor relations, player salaries, ticket prices, franchise values, competitive balance, stadium financing, and market structure.

308 Economic Development ..... 3 cr
Prereq: ECON 120, 121. Freq: Occasionally.
Studies economic problems and prospects of developing nations, including theories, methods, and practices of economic development and sustainable development.

310 International Trade ..... 3 cr
Prereq: ECON 120. Freq: Occasionally.
Examines theories of international trade, government policy toward international trade, and international trading arrangements and institutions. Cross-listed with INTS 310/ECON 510.

320 Intermediate Micro Theory ..... 3 cr
Prereq: ECON 120, 121. Freq: Fall.
Develops and applies theories of consumption, production, market structures, general equilibrium, and welfare economics.

321 Intermediate Macro Theory ..... 3 cr
Prereq: ECON 120, 121. Freq: Spring.
Develops and applies theories of aggregate demand and supply, national income and GDP, savings and consumption, investment, net exports, balance of payment, and schools of economic thought. Examines monetary and fiscal policies.

325 American Economic History ..... 3 cr
Prereq: ECON 101 or 120; or consent of instructor.
Freq: Occasionally.
Discusses the growth of the American economy from colonial times to the present.

330 The Economics of Gender ..... 3 cr
Prereq: ECON 101 or 120. Freq: Occasionally.
Investigates feminist approaches to economic theory, gender differentials in the labor market, and women in the global economy.

360 Industrial Organization and Public Policy ..... 3 cr
Prereq: ECON 120. Freq: Occasionally.
Investigates patterns of market structure and business strategies, analyzes policies regarding collusive behavior and monopolization, and discusses current regulatory issues. A research paper is required. Offered simultaneously with ECON 260. Cannot receive credit for both ECON 260 and ECON 360.

366 Money and Banking ..... 3 cr
Prereq: ECON 120, 121. Freq: Fall.
Analyzes the role of money, money creation, the operation of central and commercial banks, monetary policy, and international monetary systems. Cross-listed with ECON 566.

367 Financial Institutions and Markets ..... 3 cr
Prereq: ECON 120, 121. Freq: Spring.
Examines financial institutions, money and capital markets, sources and uses of funds, the determination of market yields, asymmetric information, and risk. Cross-listed with ECON 567.

380 The Labor Market ..... 3 cr
Prereq: ECON 120. Freq: Occasionally.
Analyzes the economic and social forces determining labor supply and demand, unemployment, labor mobility, human capital, discrimination by race and gender, and earnings inequality.

405 Public Economics ..... 3 cr
Prereq: ECON 120, 121. Freq: Occasionally.
Examines theories of public goods and externalities, public choice, benefit-cost analysis, and taxation. Analyzes tax and expenditure policies, government social insurance and redistribution programs, and mechanisms to remedy market failures.

409 Econometrics ..... 3 cr
Prereq: ECON 120. Freq: Fall.
Develops standard econometric techniques and applies them to economic issues and problems. Covers topics including multiple regression, dummy variables, forecasting, and problems of autocorrelation, multicollinearity, and heteroskedasticity. Cross-listed with ECON 609.

411 International Monetary Economics ..... 3 cr
Prereq: ECON 121. Freq: Occasionally.
Examines foreign exchange markets, international monetary arrangements and investments, theories of balance of payments and exchange rates, open economy macroeconomics. Cross-listed with INTS 411/ECON 611.

412 Managerial Economics ..... 3 cr
Prereq: ECON 120, 121, QM 210, and MATH 221. Freq: Spring (even years).
Develops and applies microeconomic models and quantitative and optimizing techniques to business decisions involving demand, production, cost, market structures, and pricing strategies. Cross-listed with ECON 612.

490 Special Topics in Economics ..... 1-3 cr
Prereq: ECON 101, 120, or 121; or consent of instructor. Freq: Occasionally.
Examines selected topics in economics. Subject matter varies. May be repeated with different topic.

492 Research Experience in Economics ..... 1-3 cr
Prereq: Senior standing, 3.00 GPA, economics major with 21 ECON credits, and consent of instructor. Freq: Spring, Summer, Fall.
Provides a supervised learning experience assisting in faculty research. No more that 3 credits may be applied toward economics major.

494 Economics Internship ..... 1-3 cr
Prereq: 2.5 GPA, consent of instructor, and department chair.
Freq: Fall, Spring, Summer.
A supervised learning experience in either the public or private sector. Enrollment dependent on availability of suitable placement opportunities. Credit may not be applied toward economics major or minor.

499 Independent Study ..... 1-3 cr
Prereq: Consent of instructor and department chair.
Freq: Fall, Spring, Summer..
Available to qualified students under supervision of individual instructor. Topics must be mutually agreed upon by student and professor.

Graduate Courses

The 500 and 600-level courses listed below are intended only for students enrolled in the UW-Parkside Master of Business Administration program.

510 International Trade ..... 3 cr
Prereq: ECON 120. Freq: Occasionally.
Examines theories of international trade, government policy toward international trade, and international trading arrangements and institutions. Requires a research project. Not open to students with credit in ECON 310/INTS 310.

566 Money and Banking ..... 3 cr
Prereq: ECON 120, 121. Freq: Occasionally.
Analyzes the role of money, money creation, the operation of central and commercial banks, monetary policy, and international monetary systems. Requires a research project. Not open to students with credit in ECON 366.

567 Financial Institutions and Markets ..... 3 cr
Prereq: ECON 120, 121. Freq: Spring.
Examines financial institutions, money and capital markets, sources and uses of funds, the determination of market yields, asymmetric information, and risk. Requires a research project. Not open to students with credit in ECON 367.

609 Econometrics ..... 3 cr
Prereq: ECON 120, 121, and QM 210 or MBA 511; or consent of instructor. Freq: Fall.
Develops standard econometric techniques and applies them to economic issues and problems. Covers topics including multiple regression, dummy variables, forecasting, and problems of autocorrelation, multicollinearity, and heteroskedasticity. Requires a research project. Not open to students with credit in ECON 409.

611 International Monetary Economics ..... 3 cr
Prereq: ECON 121. Freq: Occasionally.
Examines foreign exchange markets, international monetary arrangements and investments, theories of balance of payments and exchange rates, open economy macroeconomics. Requires a research project. Not open to students with credit in ECON 411/ INTS 411.

612 Managerial Economics ..... 3 cr
Prereq: ECON 120, 121, QM 210 or MBA 511; and MATH 221. Freq: Spring (even years).
Develops and applies microeconomic models and quantitative and optimizing techniques to business decisions involving demand, production, cost, market structures, and pricing strategies. Requires a research project that involves the collection and analysis of economic data. Not open to students with credit in ECON 412.

690 Special Topics in Economics ..... 1-3 cr
Prereq: ECON 120 and 121; or consent of instructor. Freq: Occasionally.
Examines selected topics in economics. Subject matter varies. May be repeated with different topic.

EDUCATOR DEVELOPMENT

Molinaro D111 • 262-595-2180

Offered through the Institute of Professional Educator Development

Wisconsin Educator Developmental Licensure Levels Offered:
Early Adolescence-Adolescence (EA-A): ages 10-21; Grades 6-12.

New licensure levels will be added through program expansion.

Contact the educator development adviser for detailed and current information regarding all licensure programs, or visit the website.

Educator Development Program Committee:
The program committee is made up of the affiliate faculty of programs leading to licensure, educator development faculty and staff and members of the Executive Committee. Current members include Mark Eichner (MUS), Shi Hae Kim (SOCA), Dana Oswald (ENGL), Richard Walasek (GEOG), and Gary Wood (CHEM).

Student Organizations/Clubs:
Student Wisconsin Educators Association (SWEA)

Career Possibilities:
Licensed educator in the following roles: teacher, principal, reading specialist, school district administrator, superintendent, director of instruction, instructional program coordinator, non-instructional coordinator, educational researcher, higher education faculty in the field of education.

Program Overview

Education is essential to creating and sustaining a just and democratic society. The University of Wisconsin-Parkside is a key partner in the creation and implementation of a regional, responsive system of educator development. The process of designing and implementing the Institute of Professional Educator Development demonstrates UW-Parkside's commitment to provide "high quality academic programs rooted in the tradition of a liberal education in the arts, sciences and professions, responsive to the occupational, civic and cultural needs of the region…" (UW-Parkside Mission, 2010).

The Institute of Professional Educator Development (IPED) serves as a national model for developing professional educators who recognize and address the challenges of providing education for life in the 21st century. Programs currently housed in the Institute are Educator Development and Advanced Professional Development. These programs are co-equal partners in providing integrated pathways to Wisconsin's initial and professional educator licenses. Attainment of these licenses is an essential requirement of many careers in education, including classroom teacher, principal, director of instruction, and instructional program coordinator. The design of the program is the result of a community-based process and is intended to meet the program standards of the national Council for the Accreditation of Educator Preparation (CAEP), the Interstate Teacher Assessment and Support Consortium's (InTASC) Model Core Teaching Standards, and Wisconsin Administrative Code PI 34, which governs both educator preparation program approval and educator licensure in Wisconsin.

The program builds the professional knowledge, dispositions and expertise required of all educators in the 21st century. Involvement in the program begins from the moment a student decides "I want to be an educator" and continues through their career.

Requirements for Admission to the Educator Development Program

All admitted UW-Parkside students, in good standing, can indicate their intent to enter the Educator Development Program. The networked Educator Development Advising Team will work with students to assess existing competency in the following areas:

Communication Skill:
Proficiency in reading, writing, mathematics, speaking, listening, and use of media and technology (including emerging technologies) to convey and construct understanding and negotiate meaning and purpose.

General Academic Knowledge:
Proficiency in creative expression, reasoned judgment, social and personal responsibility, as developed through prior learning in the social studies, arts and humanities (including literature), and Western and non-Western history and contemporary culture.

Understanding of Science and Mathematics:
Proficiency in the content of mathematics and science, including scientific inquiry, problem solving, and analysis.

Dispositions:
Self-awareness, awareness of others, and passion for learning.

PRAXIS I (PPST):
Required assessment of proficiency in reading, writing, and mathematics.

Students who demonstrate required proficiency in each of these four areas, meet all requirements, and who earn a passing score on the state-required PRAXIS I examination can apply for admission to the Educator Development Program.

Students interested in entering the program must first declare their intent with the Educator Development Program adviser in IPED. Students must make this declaration in addition to any declaration of major.

Only students who are formally admitted to the program are eligible to register for courses in the Educator Development Program.

Requirements for the Educator Development Program for Degree-Seeking Students (56-59 credits in conjunction with the degree)

The individualized development profile (IDP) of each accepted student maps the recommended pathway for the concurrent completion of the degree (including the general education program and the major) and the Educator Development Program. All students declaring the intent to enter the Educator Development Program must also declare a licensable major, one that is recognized by the Wisconsin Department of Public Instruction as appropriate for each license level and category. The following is a summary of currently approved licensable majors:

Licensable Majors for the Early Adolescence-Adolescence (EA-A) License*

Students must declare an eligible major that can lead to a license in one of the following categories of license:

- Biological Sciences
- Chemistry
- English
- Mathematics
- Political Science
- Sociology

* New majors leading to licensure will be added through program expansion. Please check the IPED website or office for new offerings.

Requirements for the License in Addition to the Major and the Degree

Clinical Program
Clinical practice focuses on applying professional expertise to advance the learning of others in P-12 and other educational settings. The program is a combination of complementary on-campus academic classes and clinical experiences. Clinical practice and learning "in real P-12 classrooms, in real settings" is integrated with important academic learning and course work at all levels of the program. UW-Parkside students bring all of their developing knowledge and skill to bear on their practice in clinical experiences, furthering their development as professionals. Performance in the clinical program is evaluated by professional educators in the field, university supervisors, and program faculty.

Portfolio
To be recommended for the license students must create a developmental portfolio that demonstrates proficiencies in the following:

Performance Tasks
Demonstration of professional knowledge, skills and dispositions in the performance of specific tasks such as learning design, teaching, and analysis of student learning.

Communication Skills
Demonstration of expertise in reading, writing, mathematics, speaking, listening, and use of media and technology (including emerging technologies) to convey and construct understanding and negotiate meaning and purpose in the design and implementation of instruction.

Human Relations and Professional Dispositions
Demonstration of dispositions, including collaboration, inclusivity and openness to diversity, the use of evidence in design of learning, critical reflection and self-evaluation, and a passion for personal and professional learning and development.

Content Knowledge
Demonstration of understanding of the central concepts, tools of inquiry, and structures of the discipline or disciplines in which you teach, and demonstrated ability to connect concepts and engage learners in critical thinking, creativity, and collaborative problem solving related to authentic local and global issues.

Pedagogical Knowledge
Demonstration of understanding of learning, human development, professional ethics, motivational techniques, cultural and individual learning differences, instructional strategies, design and implementation of learning, and assessment, including impacts on the learner and learning.

Clinical Program
Demonstration of ability to enact effective practice in supervised, evaluated experiences in authentic educational settings, including pre-student teaching, practica, student teaching, and internships.

State-Mandated Evaluations

Wisconsin Administrative Code PI 34 requires that candidates for the license meet required levels of performance on the following examinations, as of the time of the publication of this catalog. These examinations are approved by the superintendent of public instruction and are required of all persons seeking an initial license:

- **ETS PRAXIS I (also known as the PPST)**

  Reading, writing, and mathematics.

- **ETS PRAXIS II**

  Content knowledge examination (specific for each license type and category).

- **edTPA**

  National evaluation of teaching performance during student teaching.

  An evaluation of competency in the teaching of reading for all licenses.

  More information about each examination can be found on the Wisconsin Department of Public Instruction website at www.dpi.wi.gov.

Required Core Courses (47-49 credits)

A. Pre-Professional Sequence (2- 4 Credits)

EDU 100	Educator Learning Community Seminar and Pre-Clinical I	1 cr
EDU 200	Educator Learning Community (ELC) Seminar and Pre-Clinical II	1 cr

Students must successfully demonstrate all qualifications for candidacy for the initial license as a prerequisite to admission to the Developing Expertise (EDU 300) course sequence.

B. Developing Expertise Sequence (12 credits)

EDU 300	Seminar and Practicum I: The Learner and Learning	2 cr
EDU 302	Learning and Developmentally Appropriate Design	2 cr
EDU 304	Context and Culture in Learning Environments	2 cr
EDU 310	Seminar and Practicum II Learning Design and Assessment	2 cr
EDU 312	Designed Learning Curriculum	2 cr
EDU 314	Assessment of Learning	2 cr

Students must successfully meet performance benchmarks for required progress in developing mastery as a prerequisite to admission to the Demonstrating Expertise in Practice (EDU 400) course sequence.

C. Demonstrating Expertise in Practice Sequence (18 credits)

EDU 400	Seminar and Practicum III: Teaching Content	2 cr
EDU 402	Instructional Models and Strategies	3 cr
EDU 404	Differentiation and Diagnostic Assessment	3 cr
EDU 406	Instructional Technologies & Design Module 1	1 cr
EDU 410	Seminar and Practicum IV: Individualized Learning Design	2 cr
EDU 412	Literacy Development	3 cr
EDU 414	Culturally Relevant Pedagogy	3 cr
EDU 416	Instructional Technologies and Design Module II	1 cr

D. The Residency (15 credits)

EDU 420	Residency Seminar	3 cr
EDU 425	Residency (Student Teaching)	12 cr

Other Required Courses (9-10 credits)

A. Education as a Human Endeavor

PHIL 215	Contemporary Moral Problems	3 cr

B. Human Learning and Development

PSYC 101	Introduction to Psychological Science	3 cr

C. Probability and Statistical Analysis

SOCA 250	Statistics for the Social Sciences	4 cr
	OR	
	Approved course in probability and statistical analysis	3 cr

Courses in the Educator Development Program (EDU)

100 Educator Learning Community Seminar and Pre-Clinical I ..... 1 cr

Prereq: Admission to the Educator Development Program and consent of IPED. Freq: Fall, Spring, Summer.

Examination of the state of education in southeastern Wisconsin, as experienced in a structured observation of diverse school and classroom environments. Emphasis on cognitive, linguistic, social, cultural, and environmental contexts of teaching and learning. Members of the pre-professional educators learning community will complete 20 hours of supervised and evaluated field experiences in well-structured field visits and work-shadowing opportunities. Seminar meets bi-weekly. May be repeated for a maximum of 2 credits.

200 Educator Learning Community (ELC) Seminar and Pre-Clinical II ..... 1 cr

Prereq: EDU 100 and consent of IPED. Freq: Fall, Spring, Summer.

Examination of the complex diversity of the people who live, work and learn in southeastern Wisconsin, with an emphasis on the exploration of learning in community. The seminar supports analysis of learning environments created by community initiatives and organizations representing the diverse racial, cultural, language and economic groups within southeastern Wisconsin. Members of the pre-professional educators learning community will complete 20 hours of supervised and evaluated field experiences in well-structured community placements. Seminar meets bi-weekly. May be repeated for a maximum of 2 credits.

300 Seminar and Practicum I: The Learner and Learning..... 2 cr
Prereq: EDU 200 and consent of IPED. Concurrent with EDU 302, 304. Freq: Fall, Spring.
Learning in seminar continues development of deep understanding of the professional knowledge base in education related to human learning and development and the professional design of effective learning progressions and environments. Candidates are introduced to models and strategies of instruction derived from specific theoretical perspectives on human learning, development, and difference as they apply in educational practice. Candidates apply understandings of learning theory and models to design developmentally and culturally appropriate learning for P-12 students in 60 contact hours of supervised and evaluated practicum experience.

302 Learning and Developmentally Appropriate Design..... 2 cr
Prereq: EDU 200 and consent of IPED. Concurrent with EDU 300, 304. Freq: Fall, Spring.
Develop deep understanding of complex interactions between individual development and difference, and learning. Examine theoretical understandings of the interactions between cognitive, linguistic, social, emotional and physical development that have impacts on individual student learning. Develop expertise in using theory- and research-based models of learning design to create developmentally appropriate experiences in specific academic subject areas. Implement and evaluate learning designs in the concurrent EDU 300 seminar and practicum experience.

304 Context and Culture in Learning Environments..... 2 cr
Prereq: EDU 200 and consent of IPED. Concurrent with EDU 300, 302. Freq: Fall, Spring.
Develop deep understanding of the complex interaction between context, culture, and learning. Research the professional knowledge base regarding the role of language, culture, and class on individual and group learning, including learning of specific academic content such as math, science, social studies and reading. Critically examine the alignment between theory, practice and actual interactions in a diverse classroom setting, in the concurrent EDU 300 seminar and practicum experience.

310 Seminar and Practicum II: Learning Design and Assessment..... 2 cr
Prereq: EDU 200 and consent of IPED. Concurrent with EDU 312, 314. Freq: Fall, Spring.
Learning in seminar continues development of professional expertise in the areas of communication, critical reflective judgment and self-evaluation, and introduces the use of data in instructional design and decision making. Candidates are introduced to models and strategies of learning design and assessment derived from current theoretical perspectives on valid, reliable and meaningful design and evaluation of learning. Candidates apply understandings of learning and assessment design to the creation and evaluation of content-based learning in 60 contact hours of supervised and evaluated practicum experience in diverse P-12 educational settings.

312 Designed Learning Curriculum ..... 2 cr
Prereq: EDU 200 and consent of IPED. Concurrent with EDU 310, 314. Freq: Fall, Spring.
Develop deep understanding of current theory, concepts and principles, and models of instructional design. Apply this understanding to create learning progressions based on assessed student needs (e.g., academic, developmental, psycho-social, cultural preferences and norms, etc.) for both individual and group learning. Implement short-term academic content learning designs for P-12 students in the EDU 310 placement, and evaluate effectiveness in achieving learning outcomes.

314 Assessment of Learning..... 2 cr
Prerequisites: EDU 200 and consent of IPED. Concurrent with EDU 310, 312. Freq: Fall, Spring.
Develop initial understanding of theories of assessment and evaluation of learning, and examine models of classroom assessment design. Research and differentiate between approaches to classroom assessment, standardized achievement testing, psychometrics, and diagnostic assessments. Apply theories of assessment and evaluation to create a learner-centered assessment strategy for a short-term learning progression. Implement and valuate the assessment strategy in the concurrent EDU 310 seminar and practicum experience.

400 Seminar and Practicum III: Teaching Content ..... 2 cr
Prereq: EDU 300, 302, 304; 310, 312, 314 and consent of IPED. Concurrent with EDU 402, 404, 406. Freq: Fall, Spring.
Learning in the seminar will expand and deepen understanding of the professional knowledge base in education, and engage learners in a critical examination of practice as part of a formal learning community. Develop deep understanding of the interaction between pedagogical knowledge and pedagogical content knowledge in the enactment of effective, theory- and research-based instructional practice. Use appropriate instructional technology and understanding of learning, development and differentiation to design content-specific learning progressions. Practicum requires 60 contact hours of supervised and evaluated work in a diverse P-12 setting.

402 Instructional Models & Strategies ..... 3 cr
Prereq: EDU 300, 302, 304; 310, 312,314 and consent of IPED. Concurrent with EDU 400, 404, 406. Freq: Fall, Spring.
Expand and deepen understanding of theory- and research-based instructional models and strategies, with emphasis on the connection between the neurophysiology of learning and development and discipline-specific instructional design models and strategies. Examine current models, strategies, and activities, including direct instruction, learning cycle, inquiry-based learning, problem-based learning, and collaborative learning, and review the assumptions about the neurophysiology and neuropsychology of learning on which they are founded. Apply this understanding to the design and evaluation of content-specific learning progressions implemented in EDU 400.

404 Differentiation and Diagnostic Assessment ..... 3 cr
Prereq: EDU 300, 302, 304; 310, 312, 314 and consent of IPED. Concurrent with EDU 400, 402, 406. Freq: Fall, Spring.
Expand and deepen understanding and application of theory- and research-based models of differentiation of instruction to meet diagnosed learning needs in the classroom. Includes opportunities to diagnose learning needs and differentiate instruction in the EDU 400 practicum. Analysis of case studies of diagnostic assessment and differentiation, including student learning outcomes and recommendations for practice.

406 Instructional Technologies and Design Module I ..... 1 cr
Prereq: EDU 300, 302, 304, 310, 312, 314 and consent of IPED. Concurrent with EDU 400, 402, 404. Freq: Fall, Spring.
On-site exploration and initial practice in the designed use of learning technologies currently available in a diverse P-12 practicum placement. Candidates design and implement a technology plan, and evaluate the effectiveness of the plan in supporting achievement of specific learning goals and outcomes, and in supporting differentiation of instruction. Requires a 20 hour supervised and evaluated practicum.

410 Seminar and Practicum IV: Individualized Learning Design ..... 2 cr
Prereq: EDU 400, 402, 404, 406 and consent of IPED.
Concurrent with EDU 412, 414, 416. Freq: Fall, Spring.
Learning in seminar expands and deepens understanding of theory- and research-based design of individualized, differentiated, and culturally relevant learning experiences. Candidates conduct action research on the impact of developmentally appropriate, culturally relevant learning experiences on learning in a specific content area or of important cross-disciplinary knowledge and skill. Includes assessment of learning outcomes and use of instructional and discipline-specific technologies. Practicum requires 60 contact hours of supervised and evaluated work in a diverse P-12 setting.

412 Literacy Development ..... 3 cr
Prereq: EDU 400, 402, 404, 406 and consent of IPED.
Concurrent with EDU 410, 414, 416. Freq: Fall, Spring.
Expand and deepen understanding of theory- and research-based models of literacy development in reading and writing, with an emphasis on literacy development in the academic content areas. Study the concept of multiple literacies (e.g., scientific literacy, mathematical literacy, social literacy). Candidates use student learning outcome data to evaluate the effectiveness of literacy development approaches used in practice in the EDU 410 practicum.

414 Culturally Relevant Pedagogy ..... 3 cr
Prereq: EDU 400, 402, 404, 406 and consent of IPED.
Concurrent with EDU 410, 412, 416. Freq: Fall, Spring.
Expand and deepen understanding of theory of culturally-mediated learning and emergent models of culturally relevant pedagogy. Extensive review of the literature, case study analysis, and field-based research on culturally-relevant pedagogy in the EDU 410 practicum. Candidates will discuss relevant implications for learning posed by culturally-grounded perspectives on learning, including appropriate and valid academic content to be learned.

416 Instructional Technologies and Design Module II ..... 1 cr
Prereq: EDU 400, 402, 404, 406 and consent of IPED.
Concurrent with EDU 410, 412, 414. Freq: Fall, Spring.
Expand and deepen expertise in the use of technology to support learning. Emphasis is placed on integrating content specific technology-use strategies into instructional design. Candidates will design a learning progression in a subject area that appropriately integrates multiple instructional and discipline-specific technologies, and implement and evaluate the effectiveness of the plan. Requires a 20 hour supervised and evaluated practicum.

420 Residency Seminar ..... 3 cr
Prereq: EDU 410, 412, 414, 416 and consent of IPED.
Concurrent with EDU 425. Freq: Fall, Spring.
Learning in seminar supports successful completion of the residency and state-mandated edTPA evaluation of teaching practice (to begin in 2015). Candidates conduct research into their own practice in relation to three significant challenges (sustaining professional vision and identity; adaptive expertise in the face of complex education demands, and enacting and evaluating practice) Additional support for career placement and advanced professional development planning.

425 Residency (Student Teaching) ..... 12 cr
Prereq: EDU 410, 412, 414, 416 and consent of IPED.
Concurrent with EDU 420. Freq: Fall, Spring.
The residency is a full responsibility, P-12 school semester-long clinical evaluation of teaching practice, with either a “beginning of the academic year” or “ending of the academic year” experience. Specific guidelines for this experience are found in Wisconsin Administrative Code PI 34 and in the University of Wisconsin-Parkside residency program handbook.

ENGLISH

RITA/CART 235 • 262-595-2139

Degree Offered:
Bachelor of Arts.

Professors:
Vopat, Ph.D.

Associate Professors:
Lenard, Ph.D.; Martinez, Ph.D.; McRoy, Ph.D. (Chair), Oswald, Ph. D.

Assistant Professors:
Coronado, Ph.D; Pedersen, Ph.D.; Spartz, Ph.D.; Swiderski, Ph.D.

Senior Lecturers:
Glaub. M.A., Jagielnik, M.A.; Karpowicz, M.A.; McGuire, M.Phil.; Miller, M.A.

Lecturers:
Kushner, Ph.D.; Trylling,, M.F.A.

Student Organizations/Clubs:
A chapter of Sigma Tau Delta, a national English honor society.

Career Possibilities:
Typical career opportunities for English majors include editors, reporters, teachers, business persons, lawyers, and writers – fiction and poetry, technical and business, and advertising.

Department Overview

The English major is designed to suit the needs of UW-Parkside's heterogeneous population of traditional and nontraditional-aged students and their varied career paths and goals. Often combined with other majors and minors, it can become a valuable tool for students to achieve a traditional liberal education, helping them acquire a broad view of human experience, a critical approach to cultural traditions, and more complete self-understanding.

Each of its three concentrations, while offering a solid grounding in literature and communication skills, emphasizes a distinct area of expertise and understanding. The standard major is especially appropriate for those planning further graduate or professional study or literary careers; it offers the opportunity to explore the traditions of British and American literature in depth. The writing concentration enables those who envision careers in business, industry, or public service to sharpen their communication skills in both general and specialized areas. The language arts concentration focuses on the needs of education professionals and fulfills Wisconsin Department of Public Instruction requirements for teacher training; it is also appropriate for students generally interested in linguistics and language study.

Program Level Outcomes

1. Writing Goal: Students will become writers who know how to employ a wide range of strategies as they write and to use different writing process elements appropriately to communicate with different audiences for a variety of purposes.
2. Critical Reading and Analysis Goal: Students will become accomplished, active readers who value ambiguity and complexity, and who can demonstrate a wide range of strategies for understanding texts, including interpretations with an awareness of, attentiveness to, and curiosity toward other perspectives.
3. History and Theory Goal: Students will develop a comprehensive knowledge of the variety of texts in diverse time periods and in diverse locations, as well as know the critical and historical principles behind the construction of literary, linguistic, and cultural histories, in order to demonstrate an active participation in scholarship.
4. Research Goal: Students will be able to follow a research process from proposal, research, drafts, to final projects.
5. Collaborative Learning Goal: Students will learn that the ability to communicate their ideas to a larger audience is as important as having the ideas themselves, and that sharing and coordinating ideas sustains and develops the larger intellectual sphere, of which they are a part. Students will understand the connection between collaborative learning and their intended professional field(s), including but not limited to their future professional roles and responsibilities.

Learning Outcomes

Writing Goal:

1. Students can write texts informed by specific (as is appropriate for the discipline and course contexts) rhetorical strategies.
2. Students can write in several modes and for different audiences and purposes, with an awareness of the social implications and theoretical issues that these shifts raise.
3. Students can revise for content and edit for grammatical and stylistic clarity.

Critical Reading and Analysis Goal:

1. Students can apply a wide range of strategies to comprehend, evaluate, and interpret texts. These strategies may include, but are not limited to: drawing on their prior experience, their interactions with other readers and writers, reflection, intertextuality, their knowledge of word meaning and of other texts, their word identification strategies, and their understanding of textual features (e.g., sound-letter correspondence, sentence structure, syntax, context, graphics, images).
2. Students can evaluate the aesthetic and ethical value of texts.
3. Students will demonstrate an ability to recognize how formal elements of language and genre shape meaning. They will recognize how writers can transgress or subvert generic expectations, as well as fulfill them.

History and Theory Goal:

1. Students can demonstrate knowledge the terminology of literary and/or cultural periods in order to be active participants in a variety of literary and/or cultural fields.
2. Students can identify and employ theoretical approaches to literary and/or cultural study (including, but not limited to, film studies, linguistics, and professional and technical writing).
3. Students demonstrate an ability to read texts in relation to their historical and cultural contexts, in order to gain a richer understanding of both text and context, and to become more aware of themselves as situated historically and culturally.

Research Goal:

1. Students can identify and formulate questions for productive inquiry.
2. Students can evaluate sources for credibility, bias, quality of evidence, and quality of reasoning.
3. Students use citation methods and structures appropriate to their field of study.

Collaborative Learning Goal:

1. Students can effectively peer review.
2. Students can engage in thoughtful and critical debate.
3. Students can produce quality collaborate projects.

Requirements for Admission into the English Major

Applicants must have at least a 2.0 GPA.

Preparation for Graduate School

Students considering graduate study in English are urged to consult their advisers early in their programs. Their programs should include strong representation in the various historical periods and major authors of literature in English, as well as the various genres. In addition, ENGL 366 Theory of Literature and Criticism should be taken when offered. Advisers may suggest additional reading to fill in gaps. If a course needed for graduate study preparation is not currently offered, it is often possible to cover the same material through independent study (ENGL 499). To explore this possibility, students should consult their advisers.

Internships

English majors who choose the writing concentration must complete a writing internship. Those majors and others interested in internships should see the department chair or those department members listed as teaching English 494 in the course schedule for further information.

Recommended Courses Outside of English

To obtain appropriate background information on the literary works and figures studied in English courses, students are advised to take some of their elective credits in the following courses: U.S. History 101 and 102; Western and European History 118, 119, and 120; Philosophy 101 and 102; Art History 125 and 126; and Humanities 101 and 102.

Requirements for the English Major (45-51 credits)

The English major consists of courses in English and related disciplines beyond the required freshman composition sequence. Students are encouraged to consult with English Department faculty advisers before choosing a concentration and during its completion to fulfill their program of study most expediently and comfortably.

Portfolio Requirement

At the beginning of their last semester, English majors must submit for approval a portfolio of written work that they have completed in English courses at UW-Parkside. Unapproved portfolios must be revised. A portfolio of student work should consist of the following:

1. A cover letter describing the content and purpose of the portfolio.
2. A reflective essay by the student on his or her assessment of their development in the major.
3. A paper from ENGL 266.
4. A paper from an upper-level English course.
5. The seminar paper or the senior thesis. (These may be added to the portfolio when they are completed.)

Additional information on the portfolio requirement may be obtained by visiting the English Department office, the department chair's office, or the English Department web page.

Requirements for the Standard Major (45-48 credits)

The standard major in English is particularly recommended for students intending to go on to graduate study in literature.

A. Introduction to Literature (3 credits)

ENGL 167 Introduction to Literature……3 cr

B. British Literature (6 credits)

ENGL 216 Survey of British Literature to 1800..... 3 cr
ENGL 217 Survey of British Literature, 1800-1920..... 3 cr

C. American or Contemporary Literature (6 credits)

Choose two courses:

ENGL 226 Survey of American Literature to 1855..... 3 cr
ENGL 227 Survey of American Literature, 1855-1920..... 3 cr
ENGL 237 Survey of Modern and Contemporary Literature, 1920 to Present..... 3 cr

D. Literary Analysis (3 credits)

ENGL 266 Literary Analysis ..... 3 cr

E. Grammar, History or Linguistics (3 credits)

Choose one course:

ENGL 287 Grammar for Writers and Teachers..... 3 cr
ENGL 380 History of the English Language..... 3 cr
ENGL 387 Linguistics..... 3 cr

F. Women's Literature (3 credits) */**

G. Minority Literature (3 credits) */**

H. Advanced British literature (6 credits)

Choose two courses (300-400 level), one being Shakespeare

I. Advanced American literature (6 credits)
Choose two courses (300/400 level)

J. Advanced modern/cultural literature (3 credits)

Choose one course (300/400 level)

K. Teaching Composition (3 credits)

ENGL 489 Teaching Composition..... 3 cr

L. Senior Seminar/Thesis (3 credits)

Choose one course:

ENGL 495 Senior Seminar..... 3 cr
ENGL 497 Senior Thesis ..... 3 cr

* One of the courses in women's literature or minority literature must be at the 300/400 level.

** ENGL 367 or 469 may satisfy both the woman's literature and the minority literature requirement, if subject matter is appropriate. Contact the department to initiate this option through an executive action.

Requirements for the Writing Concentration (48 credits)

The writing concentration in English is especially recommended for students planning to pursue careers or graduate work in writing.

A. Introduction to Literature (3 credits)

ENGL 167 Introduction to Literature ..... 3 cr

B. British Literature (3 credits)

Choose one course:

ENGL 216 Survey of British Literature to 1800..... 3 cr
ENGL 217 Survey of British Literature, 1800-1920..... 3 cr

C. American or Contemporary Literature (6 credits)

Choose two courses:

ENGL 226 Survey of American Literature to 1855..... 3 cr
ENGL 227 Survey of American Literature, 1855-1920..... 3 cr
ENGL 237 Survey of Modern and Contemporary Literature, 1920 to Present..... 3 cr

D. Advanced Composition (3 credits)

ENGL 201 Advanced Composition ..... 3 cr

E. Creative or Professional Writing (3 credits)

Choose one course:

ENGL 202, 204, 206, 207, 402, 403, 406, 407

F. Literary Analysis (3 credits)

ENGL 266 Literary Analysis & Editing..... 3 cr

G. Grammar (3 credits)

ENGL 287 Grammar for Writers and Teachers..... 3 cr

H. Advanced Writing (3 credits)

ENGL 310 Advanced Expository Writing..... 3 cr

I. History or Linguistics (3 credits)

Choose one course:

ENGL 380 History of the English Language..... 3 cr
ENGL 387 Linguistics..... 3 cr

J. Advanced Literature (6 credits)

Choose two courses in advanced British, American or modern literature (300/400 level)

K. Advanced Writing Elective (3 credits)

Choose one 300-400 level writing course, which might include a course from disciplines other than English

L. Teaching Composition (3 credits)

ENGL 489 Teaching Composition..... 3 cr

M. Internship (3 credits)

ENGL 494 Internship in Writing & Editing ..... 3 cr

N. Senior Seminar/Thesis (3 credits)

Choose one course:
ENGL 495 Senior Seminar..... 3 cr
ENGL 497 Senior Thesis ..... 3 cr

Requirements for the Language Arts Concentration (48-51 credits)

The language arts concentration in English is recommended for students seeking to eventually go into a teaching profession.

A. BASIC LITERATURE: (36 credits)

I. Introduction to Literature (3 credits)

ENGL 167 Introduction to Literature ..... 3 cr

2. British Literature (3 credits)

Choose one course:

ENGL 216 Survey of British Literature to 1800..... 3 cr
ENGL 217 Survey of British Literature, 1800-1920 ..... 3 cr

3. American or Contemporary Literature (3 credits)

Choose one course:

ENGL 226 Survey of American Literature to 1855 ..... 3 cr
ENGL 227 Survey of American Literature, 1855-1920 ..... 3 cr
ENGL 237 Survey of Modern and Contemporary Literature, 1920 to Present ..... 3 cr

4. Women's Literature (3 credits)

Choose one course:

ENGL 112 Women in Literature ..... 3 cr
ENGL 269 Intro to Women Writers * ..... 3 cr

5. Literature of Diversity (3 credits)

Choose one course:

ENGL 267 Literature of Diversity *..... 3 cr

* Women's Literature and Literature of Diversity may be combined if subject matter is appropriate. Contact the department to initiate this option through an executive action. If they are combined, then reduce required credits by 3.

6. Shakespeare (3 credits)

ENGL 320 Shakespeare ..... 3 cr

7. World Literature (3 credits)

Choose one course:

ENGL 246 Survey of World Literature ..... 3 cr
ENGL 247/ MODL 247 Survey of Modern World Literature ..... 3 cr
ENGL 364 The Epic and Mythology..... 3 cr

B. Literary Analysis (3 credits)

ENGL 266 Literary Analysis ..... 3 cr

C. Grammar (3 credits)

ENGL 287 Grammar for Writers and Teachers..... 3 cr

D. History of the English Language (3 credits)

ENGL 380 History of the English Language……3 cr

E. Linguistics (3 credits)

ENGL 387 Linguistics..... 3 cr

Students are encouraged to take either ENGL 380 or PSYC 304.

F. Young Adult Literature (3 credits)

ENGL 354 Young Adult Literature ..... 3 cr

G. Advanced Literature (6 credits)

Choose two courses (one must be in a poetry class):

ENGL 311 British Drama ..... 3 cr
ENGL 312 British Novel..... 3 cr
ENGL 314 British Poetry..... 3 cr
ENGL 321 American Drama ..... 3 cr
ENGL 322 American Novel..... 3 cr
ENGL 323 American Short Story ..... 3 cr
ENGL 324 American Poetry..... 3 cr
ENGL 331 Modern & Contemporary Drama ..... 3 cr
ENGL 332 Modern & Contemporary Novel..... 3 cr
ENGL 333 Modern Short Fiction..... 3 cr
ENGL 334 Modern & Contemporary Poetry..... 3 cr
ENGL 468 Holocaust Studies ..... 3 cr

With approval from an adviser, some 400-level courses may be substituted for those listed above.

H. Speech or theatre arts course (3 credits)

I. Teaching Composition (3 credits)

ENGL 489 Teaching Composition……3 cr

J. Senior Seminar or Thesis (3 credits)

Choose one course:

ENGL 495 Seminar in Literature ..... 3 cr
ENGL 497 Senior Thesis ..... 3 cr

Educator Development Program - English (affiliated major)

Students interested in becoming teachers will need to complete an approved program pathway to a Wisconsin initial educator license. The approved pathway to this license is a structured collaboration between the general education program, the major in English, and the Institute of Professional Educator Development (IPED). All approved educator licensure pathways at UW-Parkside require admission to IPED's Educator Development Program. It is very important to contact the IPED adviser at 262-595-2180 as soon as possible. Ideally, students interested in teaching should meet with the IPED adviser before enrolling in any university courses. The IPED adviser will work with you to complete your application to IPED's Educator Development Program and coordinate advising with the [major] department affiliate. Complete information about IPED and the Educator Development Program is available on our website.

Requirements for the English Minor (27 credits)

Students who desire to take a substantial number of courses in English but who do not intend to major in the subject should consider the English minor. The minor provides a foundation for further study, vocational or avocational, in English and the liberal arts, and serves as a useful concentration for students planning to enter professional fields.

A. Introduction to Literature (3 credits)

ENGL 167 Introduction to Literature ..... 3 cr

B. Basic Literature (6 credits)

Choose two courses:
ENGL 216-247, 267, 269

C. Literary Analysis (3 credits)

ENGL 266 Literary Analysis ..... 3 cr

D. Shakespeare (3 credits)

ENGL 320 Shakespeare ..... 3 cr

E. Writing (3 credits)

Choose one course:
ENGL 104, 201-209, 266, 310, 401-409, 489, 494

F. Advanced Work (9 credits)

Choose one course from three of the following areas:

British literature – ENGL 311-319, 411-419

American literature – ENGL 321-330, 421-430

Modern & Cultural Studies – ENGL 331-370, 436, 437, 464, 468

Writing – ENGL 310, 401-409, 494

Requirements for the Professional Writing Certificate (15 credits)

Degree-seeking and non-degree-seeking students who want to specialize in writing for career enhancement but do not intend to major or minor in English should consider the professional writing certificate, which consists of 15 credits:

A. Writing (6 credits)

Choose two courses:

ENGL 104 Basic Reporting..... 3 cr
ENGL 201 Advanced Composition ..... 3 cr
ENGL 202 Technical Writing ..... 3 cr
ENGL 204 Writing for Business and Industry ..... 3 cr

B. Advanced Writing (6 credits)

Choose two courses:

ENGL 310 Advanced Expository Writing..... 3 cr
ENGL 402 Advanced Technical Writing..... 3 cr
ENGL 403 Advanced Business Writing ..... 3 cr
ENGL 404 Non-Fiction Writing..... 3 cr

C. Internship (3 credits)

Choose one course:

ENGL 494 Internship in Writing and Editing .....3-6 cr
COMM 494 Communication Internship (project must entail writing) ..... 3 cr

Requirements for the Film Studies Certificate (15 credits)

Offered through the English Department and Humanities Program, the film studies certificate allows students to obtain an interdisciplinary concentration in film studies. All students awarded the film studies certificate must demonstrate a comprehensive understanding of the history of film across numerous cultures, genres, and movements, as well as the major features of film study and analysis. Additionally, students must complete 15 credit hours of course work in classes with a substantial film component and maintain a GPA of 3.0 or higher in all film certificate courses.

A. Required courses (9 credits)

ENGL 252/
HUMA 252 Introduction to Film..... 3 cr
ENGL 258 History of Film to 1950 ..... 3 cr
ENGL 259 History of Film from 1950 ..... 3 cr

B. Elective courses (6 credits)

Choose two courses:

ENGL 290 Special Topics (film or film studies)..... 3 cr
ENGL 358 Film Genres..... 3 cr
ENGL 458 Studies in Film..... 3 cr
ENGL 490 Special Topics (film or film studies)..... 3 cr
ENGL 495 Seminar in Literature film or film studies)..... 3 cr
ENGL 497 Senior Thesis (film or film studies) ..... 3 cr
ENGL 499 Independent Study (film or film studies)..... 3 cr

Additional film courses, offered through English and other departments, may also count toward completion of the film studies certificate. These courses will be determined on a semester-by-semester basis. Please contact the English Department office at 262-595-2139.

Completing the English Major in the Evening

The English Department makes an effort to schedule the courses needed to complete the major in the evening. However, specific courses are offered less frequently in the evening than in the day, so students must plan their course work carefully.

Skills Requirements in Reading and Writing

Most students meet the university reading and writing requirements by completing ENGL 101 with a grade of

C-minus or better. Students whose placement scores indicate superior skills in these areas may satisfy the requirements in reading and writing by passing a competence exam without taking ENGL 101.

Students whose placement examinations indicate that they need more preparation before taking ENGL 101 are required to complete ENGL 100 first. Students not yet ready for ENGL 100 are required to complete ACSK 090 (Composition Preparation), a course that will count in the semester credit load but will not count toward the 120-credit graduation requirement. Students placed in these courses must take them as soon as possible if they are to complete their competency requirements in the time allowed. (See the Skills Requirements policy in Policies section of the catalog.)

Courses in English (ENGL)

100 Fundamentals of English ..... 3 cr
Prereq: ASCK A090 with grade of C/CR or better; or appropriate placement score. Freq: Fall, Spring.
Introduces students to rhetorical, logical, and analytical concepts, including synthesis of rhetorical modes in the context of short essays. Emphasizes vocabulary development, reading comprehension, and the mastery of grammar and mechanics. Implements peer review and self-assessment. Introduces students to persuasive writing.

101 Composition and Reading ..... 3 cr
Prereq: Placement score or grade of C or better in ENGL 100. Freq: Fall, Spring.
Development of college-level competencies in writing and reading in a variety of subject and thematic contexts, with an emphasis on argumentation. Satisfies skills requirements in reading and writing.

104 Basic Reporting ..... 3 cr
Prereq: ENGL 101 with a grade of C- or better. Freq: Occasionally.
Writing for newspapers with emphasis on journalistic style, format, copy editing, and on various reporting methods.

112 Women in Literature ..... 3 cr
Prereq: None. Freq: Spring.
Surveys women writers from classical times to the modern era, in their cultural contexts, and identifies the way in which their writing illuminates women's experience. Works by women from various cultures and backgrounds are considered. Cross-listed with WGSS 112.

166 Literacy Tutor Training ..... 1 cr
Prereq: None. Freq: Fall, Spring.
Training in tutoring adults in basic literacy and in English as a second language (15 hours), and 12 hours of individual tutoring, in cooperation with the Racine and Kenosha Literacy Councils.

167 Introduction to Literature ..... 3-4 cr
Prereq: English 100 or consent of instructor. Freq: Fall, Spring, Summer.
Techniques of literary analysis and critical approaches to literature organized around examples of major genres (fiction, drama, and poetry) selected chiefly from English and American writers. Four-credit section will require intensive writing, library research, revision, and a higher level of analysis of literary texts.

201 Advanced Composition ..... 3 cr
Prereq: ENGL 101 with a grade of C- or better or writing comp. Freq: Fall, Spring.
Further study and practice in English composition with emphasis on exposition.

202 Technical Writing ..... 3 cr
Prereq: ENGL 101 with a grade of C- or better or consent of instructor. Freq: Occasionally.
Writing instruction with an emphasis on presenting written and oral reports and interpreting technical writing.

204 Writing for Business and Industry ..... 3 cr
Prereq: ENGL 101 with a grade of C- or better. Freq: Fall, Spring.
The structure, style, and format of composition as related to professional settings. Includes the writing of short forms (memoranda, correspondence) and reports that solve problems and require research and analysis.

206 Creative Writing-Poetry ..... 3 cr
Prereq: ENGL 101 with a grade of C- or better. Freq: Fall, Spring.
A workshop in the techniques and practice of poetry writing. A student may take no more than six credits of ENGL 206/406 in any combination.

207 Creative Writing-Fiction ..... 3 cr
Prereq: ENGL 101 with a grade of C- or better. Freq: Fall, Spring.
A workshop in the techniques and practice of fiction writing. A student may take no more than 6 credits of ENGL 207/407 in any combination.

216 Survey of British Literature to 1800 ..... 3 cr
Prereq: ENGL 101 with a grade of C- or better or consent of instructor. Freq: Yearly.
Survey of major writers such as Chaucer, Spenser, Shakespeare, Milton, Swift, Pope and principal developments from medieval times through the 18th century.

217 Survey of British Literature, 1800-1920 ..... 3 cr
Prereq: ENGL 101 with a grade of C- or better or consent of instructor. Freq: Yearly.
Survey of major writers such as Wordsworth, Keats, Tennyson, Dickens, Hardy, Conrad and principal developments from the Romantic movement to the end of World War I.

226 Survey of American Literature to 1855 ..... 3 cr
Prereq: ENGL 101 with a grade of C- or better or consent of instructor. Freq: Yearly.
Survey of major writers such as Hawthorne, Poe, Emerson, Thoreau, Melville and principal developments from colonial times to mid-19th century.

227 Survey of American Literature, 1855-1920 ..... 3 cr
Prereq: ENGL 101 with a grade of C- or better or consent of instructor. Freq: Fall, Spring.
Survey of major writers such as Whitman, Dickinson, Twain, James, Chopin, Frost and principal developments from the mid-19th century to the end of World War I.

237 Survey of Modern and Contemporary Literature, 1920 to the Present ..... 3 cr
Prereq: ENGL 101 with a grade of C- or better or consent of instructor. Freq: Fall, Spring.
Survey of major writers such as Eliot, Yeats, Joyce, Faulkner, Hemingway, Woolf and Morrison and principal developments in literature, chiefly English and American, since World War I.

246 Survey of World Literature ..... 3 cr
Prereq: ENGL 101 with a grade of C- or better or consent of instructor. Freq: Yearly.
Broad survey of ancient, medieval, and Renaissance, including nonwestern literatures, exclusive of English literature.

247 Survey of Modern World Literature ..... 3 cr
Prereq: ENGL 101 with a grade of C- or better or consent of instructor. Freq: Occasionally.
Broad survey of several national and regional literatures including non-Western literatures, since the Renaissance, exclusive of those of England and the United States. Cross-listed with MODL 247.

252 Introduction to Film ..... 3 cr
Prereq: None. Freq: Occasionally.
An examination of the distinctive elements and techniques of film as art and the relationship of film to society. Cross-listed with HUMA 252.

258 History of Film to 1950 ..... 3 cr
Prereq: None. Freq: Fall.
The development of film techniques, visual qualities, genre, theory and cinematic art from the silent era to around 1950.

259 History of Film from 1950 ..... 3 cr
Prereq: None. Freq: Spring.
The development of film techniques, visual qualities, genre, theory and cinematic art from around 1950 to the present.

266 Literary Analysis ..... 3 cr
Prereq: ENGL 101 with a grade of C- or better.
Freq: Fall, Spring.
Stresses original criticism of literature (British, American, all periods), seminar experience, plus frequent reports and papers to practice original critical analysis. English majors are urged to take this course early in their major program.

267 Literature of Diversity ..... 3 cr
Prereq: ENGL 101 with a grade of C- or better. Freq: Yearly.
An introductory survey of literature of American ethnic groups. May be repeated with different topic.

268 Introduction to Holocaust Studies ..... 3 cr
Prereq: English 101 with grade of C- or better or consent of instructor. Freq: Yearly.
Overview of historical, philosophical and other issues surrounding the Holocaust, using texts by those who experienced the Holocaust. Cross-listed with HIST 268/INTS 268.

269 Introduction to Women Writers ..... 3 cr
Prereq: ENGL 101 with a grade of C- or better. Freq: Yearly.
An introduction to important women writers in their cultural contexts.

287 Grammar for Writers and Teachers ..... 3 cr
Prereq: English 101 with grade of C- or better. Freq: Yearly.
Review of grammar emphasizing terms and concepts used in discussing writing and usage.

290 Special Topics in English ..... 1-4 cr
Prereq: ENGL 101 with a grade of C- or better or consent of instructor. Freq: Occasionally.
Special topics in English will be examined. Course may be repeated for credit when topics change.

310 Advanced Expository Writing ..... 3 cr
Prereq: ENGL 201, 202, or 204 or consent of instructor.
Freq: Yearly.
Further study and practice in English composition with emphasis on more complex and advanced projects in expository writing.

311 British Drama ..... 3 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor; or THEA 150 and consent of instructor.
Freq: Occasionally.
A study of the history and development of drama from its beginnings through Shaw. Cross-listed with THEA 311.

312 British Novel ..... 3 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Yearly.
A study of the history and development of the novel form from its beginnings to the 20th century.

314 British Poetry ..... 3 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Occasionally.
A study of English poetry from its beginnings to about 1914.

320 Shakespeare ..... 3 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor; or THEA 150 and consent of instructor.
Freq: Fall, Spring.
A survey of the major plays, their Renaissance context, and meaning today. Some attention to the techniques of scholarship. Required of all majors. Cross-listed with THEA 320.

321 American Drama ..... 3 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Occasionally.
A historical study of the development of American drama to about 1900.

322 American Novel ..... 3 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Yearly.
A study of the development of the American novel.

323 American Short Story ..... 3 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Yearly.
A study of the development of and range of ideas in the American short story.

324 American Poetry ..... 3 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Occasionally.
A study of the development, range of ideas, and poetic theories of selected American poets.

331 Modern and Contemporary Drama ..... 3 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Occasionally.
A study of British, American, and/or European drama since World War I.

332 Modern and Contemporary Novel ..... 3 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Occasionally.
A study of the novel in Britain, America, and/or Europe since World War I.

333 Modern Short Fiction ..... 3 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Occasionally.
An exploration of such genres as the short story and novella since World War I.

334 Modern and Contemporary Poetry ..... 3 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Occasionally.
A study of British and American poetry from about 1914 to the present.

354 Young Adult Literature ..... 3 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Yearly
A study of representative young adult literature.

358 Film Genres ..... 3 cr
Prereq: ENGL 252, 258 or 259; or consent of instructor.
Freq: Occasionally.
A study of film genres such as film noir, the western, the war movie, science fiction, comedy, the detective film, etc. May be repeated for credit with a different topic.

364 The Epic and Mythology ..... 3 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Occasionally.
A study of the major epics including those by Homer, Virgil, and Dante.

366 Theory of Literature & Criticism.....3 cr
Prereq: ENGL 266, 3 credits in literature beyond ENGL 237. Freq: Occasionally.
An exploration of the nature of literature, the basis of literary criticism, and of different critical schools.

367 Studies in American Ethnic Literature.....3 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Occasionally.
An examination of the literature of one or more American ethnic writers or groups – such as African American, Hispanic, Native American, Asian American, Euro-American – with special emphasis on how literature reflects issues of the diversity of American culture.

368 Bible as Literature.....3 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Occasionally.
Study of the literary and cultural background, qualities, and influence of the Jewish and Christian scriptures.

380 History of the English Language.....3 cr
Prereq: ENGL 287 or consent of instructor. Freq: Yearly.
Historical and social varieties of English linguistic approaches to English syntax.

387 Linguistics.....3 cr
Prereq: ENGL 287 or consent of instructor. Freq: Yearly.
An introduction to major areas in the study of language, including phonology, syntax, semantics, historical, comparative linguistics and socio-linguistics.

390 Special Topics in English.....1-4 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Occasionally.
Selected topics in English will be examined. May be repeated for credit with different topic.

402 Advanced Technical Writing.....3 cr
Prereq: ENGL 202 or equivalent. Freq: Occasionally.
Emphasizes writing and editing skills needed to prepare a project such as a procedures manual, report of experimental findings, proposals, etc.

403 Advanced Business Writing.....3 cr
Prereq: ENGL 202 or 204 or consent of instructor. Freq: Occasionally.
Continued study of the forms of business writing and communication. Includes interviewing and appraisal performance documents; further study of written business messages, presentations, meetings and agendas; and writing for specialized situations such as crisis or media events.

404 Non-Fiction Writing.....3 cr
Prereq: ENGL 201, 204, or consent of instructor. Freq: Yearly.
Explores writing feature-length articles, historical accounts, reviews, opinion pieces, advanced essays, and various professional writing styles.

406 Advanced Creative Writing-Poetry.....1-6 cr
Prereq: ENGL 206 or consent of instructor. Freq: Fall, Spring.
Advanced work in poetry writing under the guidance of a professional poet. A student may take no more than 6 credits of 206/406 in any combination.

407 Advanced Creative Writing-Fiction.....1-6 cr
Prereq: ENGL 207 or consent of instructor. Freq: Fall, Spring.
Advanced fiction writing under the guidance of a professional writer. A student may take no more than 6 credits of ENGL 207/407 in any combination.

416 Major British Authors.....1-4 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Occasionally.
Topic varies. Intensive study of one or more major British authors. May be repeated for credit with different topic.

417 Studies in British Literature.....1-6 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Occasionally.
An examination of such topics as Medieval Literature, The Age of Pope, Victorian Poetry, etc. May be repeated for credit with different topic.

420 Advanced Shakespeare.....1-3 cr
Prereq: ENGL 320. Freq: Occasionally.
An examination of Shakespearean genres (tragedy, history, comedy, romance), dramaturgy, or themes as well as related subjects such as Shakespeare on film.

426 Major American Authors.....1-4 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Occasionally.
Topic varies. Intensive study of one or more major American authors. May be repeated for credit with different topic.

427 Studies in American Literature.....1-6 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Occasionally.
An examination of such topics as The Rise of Realism, American Naturalism, American Local Colorists, American Literary Criticism, etc. May be repeated for credit with different topic.

436 Major Modern and Contemporary Authors.....3 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Occasionally.
Topic varies. Intensive study of one or more major contemporary authors. May be repeated for credit with different topic.

437 Studies in Modern and Contemporary Literature.....1-6 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Occasionally.
An examination of such topics as the hero in modern literature, innovations in 20th century drama, experiments in literary form, etc. May be repeated for credit with different topic.

458 Studies in Film.....3 cr
Prereq: None. Freq: Occasionally.
An introduction to movements, techniques, theories, national cinemas, genres, directors, or periods. May be repeated for credit with different topic.

460 Literature and Other Disciplines.....1-6 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Occasionally.
The relation of literature to individual disciplines such as science, sociology, psychology, music, philosophy, etc. May be repeated for credit with change in discipline.

464 Studies in Cultural Patterns.....1-6 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Occasionally.
An examination of such topics as the novel as social -commentary, romanticism, the theory of tragedy, gay and lesbian literature, etc. May be repeated for credit with -different topic.

468 Holocaust Studies.....3 cr
Prereq: Engl 266; and 167 or a 200-level survey; or consent of instructor. Freq: Occasionally.
Intensive study of various aspects of the Holocaust, such as literature of the Holocaust, film and the Holocaust, literature of the Second Generation, etc. Cross-listed with HIST 468/HUMA 468.

469 Studies in Women Writers.....1-6 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Occasionally.
An examination of such topics as women in myth and literature. The novels of Jane Austen, contemporary women poets, etc. May be repeated for credit with different topic.

487 Studies in Language .....1-6 cr
Prereq: ENGL 187 or consent of instructor. Freq: Occasionally.
An examination of such topics as language in American culture, regional dialects, semantics, etc. May be repeated for credit with different topic.

488 Teaching Critical Reading & Literature ..... 3 cr
Prereq: ENGL 167 or a 200-level survey course; ENG 266; or consent of instructor. Concurrent with EDU 400, 404, 406.
Freq: Yearly.
Examines various approaches to teaching literature and critical reading skills at the middle/secondary level. Topics include strategies for motivating and supporting reluctant readers, principles of curriculum design, suggestions for devising and implementing a response-based literature program, approaches to teaching young adult literature, and overviews of professional resources for teaching literature in secondary schools. Replaces EDU 402 requirement.

489 Teaching Composition ..... 3 cr
Prereq: ENGL 101 with a grade of C or better. Freq: Yearly.
Methods and materials for the teaching and evaluation of writing. Creation of portfolio of teaching materials.

490 Special Topics in English .....1-4 cr
Prereq: ENGL 101 with a grade of C- or better or consent of instructor. Freq: Occasionally.
Special topics in English will be examined. May be repeated for credit with different topic.

494 Internship in Writing and Editing .....1-6 cr
Prereq: Consent of instructor and department chair.
Freq: Fall, Spring.
Practical application of professional-level writing skills in such areas as journalism, copy editing, technical, scientific, industrial, business, and legal writing, under joint supervision of a faculty member and organization representative. A maximum number of internship credits will be set by the faculty member, in keeping with university policy.

495 Seminar in Literature..... 3 cr
Prereq: ENGL 266 or consent of instructor. Freq: Fall, Spring.
Topics vary; ENGL 495 (or 497) is required of all majors.

496 Internship in Teaching/Tutoring ..... 3 cr
Prereq: Engl 489 or consent of instructor and department chair.
Freq: Fall, Spring
Students select working in a composition classroom or in the Tutoring Center as a writing tutor to gain experience in major aspects of composition instruction. Students must secure permission from a composition instructor or the Tutoring Center in order to register. Students will create a teaching/tutoring portfolio.

497 Senior Thesis..... 3 cr
Prereq: Consent of English faculty; Senior status or 21 credits toward English major. Freq: Fall, Spring.
Independent research and writing of an essay of substantial length under faculty supervision. Agreement of faculty member to undertake supervision is necessary before registration. ENGL 497 (or 495) is required of all majors.

499 Independent Study.....1-6 cr
Prereq: Consent of instructor and department chair.
Freq: Fall, Spring, Summer.
Regularly available under supervision of individual instructors.

590 Special Topics in English .....1-3 cr
Prereq: Undergraduate degree and consent of instructor.
Freq: Occasionally.
Special topics in English will be examined. May be repeated for credit with different topic.

ENVIRONMENTAL STUDIES

Degree Offered:
Bachelor of Science.

Professors:
Kaufman, Ph.D.; Walasek, Ph.D.; Wolf, Ph.D.;

Associate Professors:
James, Ph.D.; Mayer, Ph.D.; Rogers, Ph.D. (Director); Skalbeck, Ph.D.; Thomson, Ph.D.; Ward, Ph.D. Wood, Ph.D.

Assistant Professor:
Astoria, Ph.D., Coronado, Ph.D., Gillogly, Ph.D.,

Senior Lecturer:
Mossman, Ph.D.

Adjunct Instructor:
Kinzelman, Ph.D

Student Organizations/Clubs:
BIOS Club, Geosciences Club, Geography Club, Parkside Environmental Club.

Career Possibilities:
Environmental consulting, ecology, environmental law and law enforcement, environmental restoration, forestry, journalism, natural resource management, science teaching, sustainable management, wetlands management, wildlife conservation.

Program Overview

The Environmental Studies Program provides a learning environment that prepares students to understand and respond to local, regional, and global environmental challenges. The rigorous interdisciplinary curriculum fosters an understanding of the complexity of humans' relationship with nature and an appreciation of humankind's dependency on functioning ecosystems for survival. Through course work, research, and community engagement, the environmental studies, faculty create an environment for students that cultivates independent thinking, creative problem solving, and effective communication skills. Environmental studies graduates are well prepared for a diversity of careers or graduate studies in environmental sciences, management or advocacy through a unique combination of course work and practical experience. All graduates share a core curriculum covering natural and social sciences, statistics, and environmental chemistry that gives students core competencies in key areas demanded by all employers and professional programs. In lieu of particular concentrations, students, in close consultation with their advisers, choose from a diverse array of upper-level courses to focus on specialty areas of their choosing.

Program-Level Outcomes

Upon successful completion of the Environmental Studies major, students will be able to:

1. Understand the physical and social forces that govern the development and evolution of environmental systems and demonstrate expertise in how these systems can be sustainably managed.
2. Work collaboratively as part of an interdisciplinary team to analyze and solve environmental problems through a combination of content knowledge and critical reasoning.
3. Analyze the role of economics, politics, and society in evaluating and resolving environmental issues and have a thorough understand local, national, and international environmental laws and regulations.
4. Analyze and evaluate ecosystem services and the benefits of biodiversity to human welfare.
5. Effectively communicate environmental problems and solutions to both professional and non-professional audiences.

Requirements for the Environmental Studies Major (61-62 credits)

The major in environmental studies consists of 37-38 credits forming a core curriculum with an additional 24 credits in upper division electives, taken from at least 2 different departments.

A. Core Courses (37-38 credits)

GEOS 103	Environmental Science: An Earth Resources Approach	3 cr
	OR	
BIOS 104	Environmental Science: A Biological Approach	3 cr
GEOG 108	Culture and Environmental Sustainability	3 cr
CHEM 109	Environmental Chemistry*	3 cr

CHEM 209	Environmental Chemistry Lab*	2 cr
MATH 114	College Algebra II with Trigonometry**	5 cr
ENGL 202	Technical Writing	3 cr
POLS 302	Environmental Policy	3 cr
ECON 300	Environmental Economics	3 cr
ENVS 335	Energy.	4 cr
ENVS 499	Independent Study	2 cr
ENVS 495	Environmental Studies Seminar (two semesters - 1 credit each)	2 cr

Statistics Requirement

BIOS 210	Biostatistics	4 cr
OR		
GEOG 300	Geographic Methods	3 cr
OR		
SOCA 250	Statistics for the Social Sciences	4 cr

* Note 1: CHEM 115 or CHEM 101/CHEM 102 may be substituted for CHEM 109/209.

** Note 2: MATH 112 and MATH 113 (both must be taken) may be substituted for MATH 114

B. Elective Courses (24 credits)

No more than 16 credits in any one department will count toward this requirement for the major.

BIOS 303	Microbiology	4 cr
BIOS 305	Principles of Ecology	4 cr
BIOS 313	Invertebrate Zoology	4 cr
BIOS 318	Vertebrate Zoology	4 cr
BIOS 324	Botany	4 cr
BIOS 330	Topics in Field Biology	3 cr
BIOS 333	Restoration Ecology	4 cr
BIOS 336	Conservation Biology	3 cr
BIOS 340	Animal Behavior	4 cr
CHEM 215	Organic & Biochemistry	4 cr
CHEM 206	Quantitative Analysis	5 cr
CHEM 321	Organic Chemistry I	4 cr
CHEM 323	Organic Chemistry Lab	3 cr
ENGL 460	Literature and Other Disciplines (with eco-critical theory topic)	3 cr
ENVS 336	Environmental Justice	4 cr
ENVS 390	Special Topics in Environmental Studies	1-4 cr
ENVS 490	Special Topics in Environmental Studies	1-4 cr
GEOG 306	Natural Disasters and Society	3 cr
GEOG 308	Conservation of Natural Resources	3 cr
GEOG 324	Landforms and Environmental Processes	4 cr
GEOG 326	Biogeography	3 cr
GEOG 365	Geography in Land Use Planning	3 cr
GEOG 382	Soil Ecosystems and Resources	4 cr
GEOG 384	Landscape Ecology	3 cr
GEOG 396	Field Methods in Geography	4 cr
GEOG 460	Introduction to GIS Analysis	3 cr
GEOG 465	Advanced GIS Applications	3 cr
GEOS 301	Geomorphology	4 cr
GEOS 331	Introduction to Geochemistry	3 cr
GEOS 355	Stratigraphy & Sedimentation	4 cr
GEOS 361	Hydrogeology	3 cr
GEOS 420	Glacial Geology	4 cr
GEOS 440	Contaminants in Terrestrial Systems	3 cr
GEOS 445	Environmental Sampling, Monitoring & Assessment	4 cr
GEOS 470	Remediation Science and Technology	3 cr
SOCA 379	Society and Environment	3 cr
SOCA 382	Environmental Anthropology	3 cr

(Some of these courses have prerequisites; see an environmental studies adviser to plan your program of studies.)

Requirements for the Environmental Studies Minor (19 credits)

The environmental studies minor consists of a minimum of 19 credits, of which a minimum of 6 credits must be taken in science and a minimum of 6 credits in liberal arts, chosen from the following courses:

A. Required Course (3 Credits)

ENVS 495	Environmental Studies Seminar	1 cr

B. Environmental Survey (3 Credits)

BIOS 104	Environmental Science: A Biological Approach*	3 cr
CHEM 109	Environmental Chemistry	3 cr
GEOG 308	Conservation of Natural Resources	3 cr
GEOS 103	Environmental Science: An Earth Resources Approach**	3 cr

*Biological sciences majors should take BIOS 305 Principles of Ecology, not BIOS 104.

**Geosciences majors should not take GEOS 103.

C. Environmental Policy (3 Credits)

ECON 300	Environmental Economics	3 cr
POLS 302	Environmental Policy	3 cr
SOCA 379	Society and Environment	3 cr

D. Electives (12 Credits)

Twelve elective credits taken outside one's major field (except for a possible 3-credit independent study which may be taken within the major) selected from the list below or from ENVS 495 and core courses beyond those used to meet requirements A and B.

- BIOS 102, 202 or 303, 305, 313, 318, 324, 330
- ECON 120, 320
- ENGL 202
- ENVS 290, 335, 336, 390, 490, 499
- GEOG 108, 306, 323, 324, 326, 382, 384, 365, 396
- GEOS 106, 108, 320, 361, 440, 445, 465, 470
- PHIL 220
- POLS 202, 250
- SOCA 482

(Some of these courses have prerequisites; see an environmental studies adviser to plan your program of studies.)

Independent study for 3 credits may be taken under supervision of a member of the environmental studies faculty. An independent study within the student's major field must be approved by the environmental studies faculty committee.

Recommended Background Courses

Students pursuing an environmental studies minor are encouraged to take as many of the following as possible:

- CHEM 101, 102
- ECON 121, 325, 405
- ENGL 402
- GEOG 100, 105, 110, 215, 250, 315, 320, 360, 375
- GEOS 100, 101, 102, 301
- HIST 101, 102, 120, 128, 313, 324, 341, 346
- PHIL 101, 206, 320
- POLS 100, 104, 214, 215, 216, 320, 331, 341, 360, 400

Statistics is an important tool for environmental studies, and therefore students are urged to take one of the following:

- BIOS 210
- GEOG 300
- MATH 309, 310
- PSYC 250
- SOCA 250

Courses in Environmental Studies (ENVS)

190 Introduction to Environmental Studies 1cr
Prereq: None. Freq: Fall
Special topics in environmental studies will be examined.

290 Special Topics in Environmental Studies..... 1-4 cr
Prereq: Consent of instructor. Freq: Occasionally.
Special topics in environmental studies will be examined.

335 Energy ..... 4 cr
Prereq: MATH 111, PHYS 101. Freq: Spring.
Students will learn to evaluate unsolved questions regarding modern energy needs and the environment. Topics such as alternative energy sources, vehicle design, nuclear power and waste and public ownership of utilities, will be considered. Three hour lecture, three hour lab, presented in an integrated studio style.

336 Environmental Justice..... 4 cr
Prereq: BIOS 104 or GEOS 103. Freq: Spring.
Students will learn to evaluate unsolved questions regarding themes of social inequities and environmental contamination. Topics such as industrial zoning, brownfield development, urban agriculture, air quality and toxic waste processing will be considered. Three-hour lecture, three-hour lab.

390 Special Topics in Environmental Studies..... 1-4 cr
Prereq: Consent of instructor. Freq: Occasionally.
Special topics in environmental studies will be examined.

490 Special Topics in Environmental Studies..... 1-4 cr
Prereq: Consent of instructor. Freq: Occasionally.
Special topics in environmental studies will be examined.

495 Environmental Studies Seminar..... 1 cr
Prereq: Junior standing. Freq: Spring.
Major environmental issues are explored from a -multidisciplinary perspective; includes both faculty and -student-guided discussions. May be repeated for credit when the theme is different.

499 Independent Study..... 1-3 cr
Prereq: Consent of instructor and director.
Freq: Fall, Spring, Summer.
An independent project carried out under the supervision of a member of the environmental studies faculty. Up to 3 credits may count as elective credit toward the minor.

ETHNIC STUDIES

RITA/CART 238 • 262-595-2561

Degree Offered:
None. UW-Parkside offers an ethnic studies minor.

Director:
Shailor, Ph.D.

Steering Committee:
Akindes Ph.D.; Correa, Ph.D.; Evans, M.B.A.; Ha, Won, MLIS; French, Ph.D.; Khan, Ph.D.; Khoury, Ph.D.; Kinchen, Ed.D.; Kuruvilla, Ph.D.; Martinez, Ph.D.; Twyman, Ed.D.; Vidales, Ph.D.; Wang, Ph.D.

Career Possibilities:
Ethnic studies prepares students for an increasingly diverse 21st century. Ethnic studies alumni have continued onto graduate or law school for higher degrees, or found employment in education, social services, media, nonprofit, private and government organizations.

Program Overview

The Center for Ethnic Studies (CES) is an interdisciplinary program that places historically marginalized groups – Native American Indians, African Americans, Latinas/os and Asian Americans – at the center of academic inquiry. Ethnic studies courses critically examine race and ethnic inequality and power relations in the United States, including institutional racism and white privilege. The CES supports UW-Parkside initiatives relating to racial/ethnic diversity, the curriculum, campus climate, and retention of faculty, staff and students of color. The CES is responsible for reviewing course syllabi that fulfill the UW System's diversity (DV) requirement, and providing support to faculty and staff in developing courses that are inclusive of multiple histories, experiences, and bodies of knowledge. Ethnic studies has relevance to all students seeking a deeper understanding of what it means to be a U.S. American in a complex, diverse society.

Requirements for the Ethnic Studies Minor (21 credits)

The ethnic studies minor may be combined with any major. It consists of 21 credits, 12 in the core courses, and 9 in the electives. All elective courses listed below are 3 credits each. Special topics courses in ethnic studies (ETHN 290/390/490) are offered from time to time and may be substituted as a general elective with the consent of the director.

Core Courses (12 credits)

ETHN 201	Introduction to Ethnic Studies	3 cr
ETHN/ SOCA 206	Race and Ethnic Relations in the United States	3 cr
ETHN 320	Understanding White Privilege	3 cr
ETHN 494	Internship	3 cr
OR		
ETHN 499	Independent Study	3 cr

Electives Focused on Particular Ethnic Groups (3-6 credits)

ETHN/ HIST 333	Contemporary American Immigration	3 cr
ETHN/ MUSI 336	African American Music	3 cr
ETHN/ HIST 337	African American History	3 cr
ETHN/ COMM 363	Communication and Ethnicity	3 cr

Focus rotates among African Americans, Asian Americans, Latinas/os, and Native American Indians. May be repeated with different content.

ETHN/ SOCA 343	Latinas/os in the United States	3 cr
SOCA 227	North American Indians	3 cr
SOCA 324	African American Studies	3 cr
SOCA 328	Asians in American Society	3 cr

General Electives (3-6 credits)

COMM 107	Communication and the Human Condition	3 cr
COMM 463	Gender, Race, Class, and Sexualities in the Media	3 cr
CRMJ 365	Race, Crime and Law	3 cr
ENGL 267	Literature of Diversity	3 cr
ENGL 268/ 468	Introduction to Holocaust Studies	3 cr
ENGL 367	Studies in American Ethnic Literature	3 cr
ETHN/ PHYS 120	Astronomy of Native America	3 cr
ETHN 208	Multicultural Theatre in America	3 cr
ETHN 320	Understanding White Privilege	3 cr
ETHN/ MUSI 336	African American Music	3 cr

ETHN/ MUSI 338	Music of the Great Migration: 1900-1960	3 cr
ETHN/ MUSI 339	Music of the Great Migration: 1960-1990	3 cr
ETHN/ SOCA 360	Critical Ethnic Studies	3 cr
ETHN/ COMM 365	Intercultural Communication	3 cr
GEOG 101	Geography of American Ethnicity and Race	3 cr
HUMA 103	Diversity in the United States	3 cr
ETHN/ SOCA 206	Race and Ethnic Relations in the U.S.	3 cr
SOCA 323	Institutional Racism in America	3 cr
SOCA 325	Comparative Race and Ethnic Relations	3 cr

Additional courses, offered through ethnic studies and other departments, may also count toward completion of the ethnic studies minor. These courses will be determined on a semester-by-semester basis. For more information please contact the Center for Ethnic Studies Director Dr. Jonathan Shailor at 262-595-2218.

Courses in Ethnic Studies (ETHN)

120 Astronomy of Native America..... 3 cr
Prereq: None. Freq: Fall, Spring.
Examines primarily the astronomical views of Native Americans and looks at how mythos, science and discrimination intersect. Current cultural conflicts between science and native groups will be examined. Additional examples of the cultural development of astronomy and science will be drawn from the Americas, Africa, Oceania, and Asia. Cross-listed with PHYS 120.

201 Introduction to Ethnic Studies..... 3 cr
Prereq: Sophomore standing. Freq: Fall.
Key concepts and methodologies of U.S. ethnic studies are examined with particular emphasis on four under-represented groups: Native American Indians, African Americans, Asian Americans, and Latinos/as.

206 Race and Ethnic Relations in the U.S..... 3 cr
Prereq: SOCA 100 or 101 or consent of instructor. Freq: Fall, Spring, Summer.
Introduction to the formation and dynamics of ethnic and race relations in the United States and their social consequences in terms of the categorization of people and the distribution of their life chances. Cross-listed with SOCA 206.

208 Multicultural Theatre in America ..... 3 cr
Prereq: ENGL 101. Freq: Fall.
This survey course in multicultural theatre focusing on African American, Asian America, Latina/o American and Native American cultures utilizes dramatic texts, live performance events and anthropological research as a means of exploring and understanding voices of diversity expressed on the American stage in the past 50 years. Field trips to theatrical productions required. Additional fees required. Cross-listed with THEA 208.

290 Special Topics in Ethnic Studies .....1-3 cr
Prereq: None. Freq: Occasionally.
Selected topics in ethnic studies will be examined.

302 Race/Ethnicity: United States of America 1890 to the Present..... 3 cr
Prereq: HIST 250 or consent of instructor. Freq: Spring (even years).
Examines the continuing evolution of the United States into "an American kaleidoscope" during the 20th century. Tests the various concepts and models of ethno-cultural interaction against the complexity and diversity of historical development during a century of rapid, massive change. Cross-listed with HIST 302.

315 Diversity Law: Tribal Nations..... 3 cr
Prereq: POLS 100 or ETHN minor, POLS 216 recommended. Freq: Occasionally.
Tribal relationship with the U.S. government, as nations within a nation. Tribal sovereignty, Marshall trilogy, removal, allotment, Reorganization Act, the Indian Civil Rights Act, termination, Public Law 280, religious freedom, and modern tribal governments. The tribal nations of Wisconsin are emphasized. Cross-listed with POLS 315.

316 Diversity Law: African Americans..... 3 cr
Prereq: POLS 100 or ETHN minor, POLS 216 recommended. Freq: Occasionally.
Analyzes the relationship of African Americans to the United States Constitution, and includes such topics as slavery, the Fugitive Slave Acts, the Civil War Amendments, segregation, the civil rights movement, voting rights, affirmative action, and housing laws. Cross-listed with POLS 316.

320 Understanding White Privilege..... 3 cr
Prereq: Junior standing or consent of instructor. Freq: Yearly.
Examination of oppressive social systems constituted by inequitable distributions of privilege and power. Focus on the relationship between dominant groups and historically underrepresented groups in the U.S. Emphasis on issues of social justice and personal responsibility.

333 Contemporary American Immigration ..... 3 cr
Prereq: None. Freq: Occasionally.
Examines the global economic, social, and political forces that have shaped immigration to the United States since the passage of the Immigration and Nationality Act of 1965 and the ways in which immigration is changing the nation and the world. Includes models of assimilation, political participation, and psychological and cultural considerations. Cross-listed with HIST 333.

336 African American Music ..... 3 cr
Prereq: None. Freq: Summer.
Survey and study of development and evolution of African American music 17th century to present with attention given to historical, sociological, political, and humanistic contexts. Cross-listed with MUSI 336.

337 African American History ..... 3 cr
Prereq: None. Freq: Spring (odd years).
Examines the experience of African Americans from colonial times to the present with emphasis on their evolution as an ethnic group and on their struggle for equality. Cross-listed with HIST 337.

338 Music of the Great Migration: 1900-1960..... 3 cr
Prereq: None. Freq: Occasionally.
Survey and study of African American music, from 1900-1960, related to the Great Migration and its next generation. Attention given to historical, sociological, political, and humanistic contexts. Cross-listed with MUSI 338.

339 Music of the Great Migration: 1960-1990..... 3 cr
Prereq: None. Freq:Occasionally.
Survey and study of African American music, from 1960-1990, related to the Great Migration and its next generation. Attention given to historical, sociological, political, and humanistic contexts. Cross-listed with MUSI 339.

343 Latinas/os in United States ..... 3 cr
Prereq. SOCA 100, 101, or ETHN 201. Freq. Fall.
Focus on the social, political, and cultural dynamics of the Latina/o experience in the U.S. (i.e. racial/ethnic identity, racism, economy, immigration, colonialism). Cross-Listed with SOCA 343.

360 Critical Ethnic Studies ..... 3 cr
Prereq: SOCA 100 or 101; or consent of instructor. Freq: Yearly.
A critical examination of the social conditions under which ethnic, including 'racial', groups achieve the status of 'natural' and 'pure' social formations in the United States and in selected other societies. Special attention is given to perceptions of 'whiteness' and 'hybridity' and their social consequences. Cross-listed with SOCA 360.

363 Communication and Ethnicity ..... 3 cr
Prereq. COMM 107 or consent of instructor. Freq: Fall, Spring.
A critical examination of communication practices which construct, maintain, transform, or threaten ethnic identity in a co-cultural context. May be repeated with different content. Emphasis rotates among African Americans, Asian Americans, Latinas/os, and Native Americans. Cross-listed with COMM 363.

365 Intercultural Communication ..... 3 cr
Prereq: COMM 107, 207, 208; or consent of instructor. Freq: Fall.
Investigates the relationship between culture and human interaction with emphasis on ethical aspects of communication. Cross-listed with COMM 365.

390 Special Topics in Ethnic Studies ..... 3 cr
Prereq: None. Freq: Occasionally.
Selected topics in ethnic studies will be examined.

490 Special Topics in Ethnic Studies ..... 1-3 cr
Prereq: Junior standing, ETHN 201. Freq: Occasionally.
Selected topics in ethnic studies will be examined.

494 Internship ..... 1-3 cr
Prereq: Consent of instructor and director. Freq: Fall, Spring.
Supervised experience in planned projects that expose students to ethnic subcultures in the United States. Up to 3 credits can be applied to the minor.

499 Independent Study ..... 1-5 cr
Prereq: Consent of instructor and director. Freq: Fall, Spring, Summer.
Topics individually arranged. Descriptions for other minor courses are located in their respective departments.

GENERAL EDUCATION PROGRAM

Greenquist 318 • 262-595-2162

Degree Offered:
None

Program Contact:
Please see the website for the email address and phone number of the current director or contact the associate provost at 262-595-2261.

Program Overview

The role of the general education program in the liberal arts education provided by UW-Parkside is twofold: 1) to acquire a knowledge and skill set used across all academic disciplines; and 2) to become aware that knowledge is diverse and composed of different principles and methodologies. The goal is to prepare students to be successful in their professional, civic, and personal lives because a liberal arts education takes students beyond training for a specific career; it establishes the knowledge and fundamental skills used throughout life.

The program learning goals are communication, reasoned judgment and social and personal responsibility. These goals are defined by outcomes that reflect skills and abilities valued by all employers. These learning outcomes are:

Communication

1. Literacy – reading and writing for understanding and effective communication
2. Oral communication – listening, speaking and presenting effectively
3. Information technology– using modern information technology to retrieve and transmit information
4. Creative expression – communicating through artistic statement

Reasoned Judgment

1. Critical thinking – applying logic and reasoning to problem solving
2. Ethical thinking – recognizing and analyzing ethical issues and actions
3. Scientific thinking – understanding and applying the scientific method
4. Analytical skills – understanding how to produce and interpret quantitative and qualitative information
5. Aesthetic skills – critiquing and appreciating the fine arts (literary, visual, and performing)

Social and Personal Responsibility

1. Individual accountability – understanding what a responsible choice is and that one's present education and lifelong learning is a personal responsibility
2. Social equality – understanding and questioning the social, political, economic and historical conditions that construct diversity and inequality
3. Civic engagement – learning to use knowledge and skills to contribute to the community
4. Global perspective – acquiring the knowledge and skills that provide an understanding of international/global issues and processes
5. Teamwork – working effectively with others for a common goal

These goals serve as university-wide shared learning goals and represent the foundational framework for achievement in the major. In order to support that success, the distribution requirement fosters awareness of the difference principles and methodologies across disciplines as well as the similarities in the essential skills used by all disciplines. Students learn a "breadth" of knowledge by completing courses from disciplines representing:

- Humanities and the Arts
- Social and Behavioral Science
- Natural Science

The humanities and the arts foster imagination and creative expression through and about human experience in ways that the other areas do not. The social and behavioral sciences develop an understanding of social systems, the dynamics of individual and group behavior and the forces that operate in social relationships in areas ranging from economics to politics. The natural sciences develop an understanding of natural phenomena and the process and importance of scientific investigations.

Courses are approved on a yearly basis and reviewed on a five year cycle by the General Education Committee. All general education courses are to be offered on a yearly basis and at least one of the offerings from every department should be offered in an alternative format every three semesters. This offering frequency requirement ensures course availability. Course substitutions are typically not allowed because the assessment protocols are also part of the university's accreditation by the Higher Learning Commission. In general, changes are announced a full year in advance. The general education web site is updated on a regular basis and students

are encouraged to check the website to ensure that the course is in good standing in the year they plan to complete it.

The general education distribution requirement is part of the graduation requirements that also include essential skills (reading, writing and mathematics), the ethnic diversity requirement, the foreign language requirement, and the information literacy requirement in addition to fulfilling the requirements of the desired major, minor and/or certificate programs. Additional information related to these degree requirements is available in the chapter on Academic Programs and Policies.

Courses in General Education (GNED)

190 Special Topics .....1-5 cr
Prereq: Varies by topic. Freq: Occasionally.
Topics of special interest to the process content and assessment of general education. May be repeated for credit with different topic.

191 Special Topics: Humanities and the Arts .....1-5 cr
Prereq: Varies by topic. Freq: Occasionally.
Topics of special interest to the process, content and assessment of general education with specific emphasis in humanities and the arts. May be repeated for credit with different topic.

193 Special Topics: Social and Behavioral Science .....1-5 cr
Prereq: Varies by topic. Freq: Occasionally.
Topics of special interest to the process, content and assessment of general education with specific emphasis in the social and behavioral sciences. May be repeated for credit with different topic.

195 Special Topics: Natural Science ..... 1-5 cr
Prereq: Varies by topic. Freq: Occasionally.
Topics of special interest to the process, content and assessment of general education with specific emphasis in the natural sciences. May be repeated for credit with different topic.

197 Introduction to the Disciplines: Humanities and the Arts ..... 3 cr
Prereq: Freshman or sophomore Standing. Freq: Occasionally.
Explores the nature, history, overarching questions and notable figures in the Humanities and the Arts such as: art, communication, English, ethnic studies, liberal studies, modern languages, music, theatre, public speaking and women's, gender and sexuality studies. Topics include an explanation of the UW-P General Education Program and may include information about academic success issues.

290 Special Topics .....1-3 cr
Prereq: Freshman or sophomore standing. Freq: Occasionally.
Topics of special interest to the process, content and assessment of general education. May be repeated for credit with different topic.

294 Shared Governance Internship..... 2 cr
Prereq: Sophomore standing. Freq: Fall, Spring.
Research and project-related work associated with the General Education Committee. This course is designed for students without prior internship experience.

494 Shared Governance Internship..... 2 cr
Prereq: Junior standing, GNED 294 or permission of instructor. Freq: Fall, Spring.
Research and project-related work associated with the General Education Committee. This course is designed for the student who has completed another university-related internship course or similar experience or for work that merits the 400-level designation.

GENERAL SCIENCES

Overview

General science courses provide a broad introduction to science and the scientific method for the non-science major. These courses demonstrate the university's commitment to develop informed citizens who participate in their society with knowledge and understanding of science. Courses in this area are particularly useful for students preparing for careers in education.

Courses in General Science (GSCI)

102 Science and Pseudoscience..... 3 cr
Prereq: None. Freq: Fall, Spring.
This course provides a general introduction to the meaning and method of true science which will be examined in relation to fringe and pseudoscience topics. Three-hour lecture.

108 Introduction to Bioinformatics and Molecular Medicine.... 3 cr
Prereq: None. Freq: Occasionally.
Basic understanding of molecular aspects regarding health combined with related computer programming experience and discussion of ethical issues. Online/hybrid.

205 Foundations of Science I..... 3 cr
Prereq: None. Freq: Occasionally.
Designed for non-science majors interested in teaching. An integrated approach to selected physical science topics that focus on science as a way of knowing, with emphasis on gathering data and analyzing data critically and/or quantitatively. Provides a model of science education reform. Three-hour lecture.

206 Foundations of Science II..... 3 cr
Prereq: GSCI 205. Freq: Occasionally.
A continuation of GSCI 205 with greater emphasis on the life sciences and the technological impacts of science. Three-hour lecture.

490 Special Topics.....1-4 cr
Prereq: None. Freq: Occasionally.
Selected topics in science will be examined.

496 Internship.....1-3 cr
Prereq: Consent of instructor and department chair.
Freq: Fall, Spring, Summer.
Supervised science education experience arranged outside of the university setting.

499 Independent Study.....1-3 cr
Prereq: Consent of instructor and department chair.
Freq: Fall, Spring, Summer.
Supervised experiences related to science education.

GEOGRAPHY

Molinaro 362 • 262-595-3416

Degree Offered:
Bachelor of Arts.

Professor:
Walasek, Ph.D. (Chair); Wolf, Ph.D.

Associate Professor:
Ward, Ph.D.

Assistant Professor:
French, Ph.D.

Student Organizations/Clubs:
Geography Club

Career Possibilities:
Students who major in geography are well prepared for careers in many fields including environmental analysis and management, geographic information systems (GIS), community development, urban planning, and teaching. In addition, geography is a dynamic liberal arts major which combines cultural perspectives and analytical skills. Opportunities for employment are wide ranging. Employers understand that geography graduates possess a wide variety of professional abilities. Possible employers include mapping firms, environmental agencies, planning departments, site selection companies, marketing departments, school districts, emergency management agencies, nonprofit organizations, and defense agencies.

Department Overview

Geography is the study of the distribution, variation, and interrelation of the natural and cultural features of the Earth's surface. The UW-Parkside geography curriculum is designed to reflect the complexity of society and nature so that students will gain an understanding of the varied spatial factors which influence life in today's interconnected world. The Geography Department's mission is to extend geographic knowledge through exceptional educational programs, research projects, and service activities using advanced technology to train students and to solve problems. Geography's mission is important because aspects of place, area, location, and distribution are essential to resolving issues facing the region, the country and the world. Understanding global, national, and local patterns of economic activity, urban problems, cultural differences and environmental change is vital and emphasized within the department.

Students interested in geography have several options. Some students complete a general major in geography; many students include as part of their geography major one or more of the following:

- Concentration in planning
- Concentration in applied environmental geography
- Certificate in geographic information systems

The department also offers a geography minor.

Opportunities to assist in faculty research projects permit students to learn research tools used in geography and to apply concepts learned in the classroom. For example, students might learn how to take soil samples in the field, to analyze tree rings in the lab, to measure quality of life in segregated neighborhoods, or to use GIS for mapping, analysis, and decision making. In addition, students can gain service experiences through community-based learning projects.

PROGRAM LEVEL OUTCOMES

1. Knowledge: [global perspective and individual accountability] The goal is to educate students with fundamental geographic knowledge and concepts in the major areas of physical geography and human geography, while comprehending the interrelationships between the environment/nature and human activities.
2. Analytical and Technical Skills: [analytical skills; information technology competence] The goal is to train students to utilize several geographic tools: maps, statistics, field methods, geographic information systems, remote sensing and global positioning systems.
3. Synthesize and Communicate: [critical thinking; literacy and oral communication] The goal is for students to develop critical thinking skills to conduct research and solve problems: review literature, collect data, apply a methodology, and present the results.

Preparation for Graduate School

A major in geography provides excellent preparation for students seeking graduate study and degrees in geography, urban planning, environmental studies, international affairs, resource management, and other related fields.

Internships

The department is strengthened by an internship program with placement in local public or private sector locations. Students can gain valuable experience in a variety of real-world settings which increases their skills and adds to their resumes.

Requirements for the Geography Major Core Courses (27 - 28 credits)

All geography majors are required to complete the following courses or their equivalents:

GEOG 100	Physical Geography and the Environment	3 cr
GEOG 110	Intro to Geography-World Regions	3 cr
GEOG 215	Economic Geography	3 cr
GEOG 250	Map Use and Analysis	3 cr
GEOG 300	Geographic Methods	3 cr
GEOG 350	Cartography and GIS	3 cr
GEOG 495	Senior Seminar	3 cr

Plus one of the following human geography courses:

GEOG 101	Geography of American Ethnicity & Race	3 cr
GEOG 105	Contemporary Human Geography	3 cr
GEOG 108	Culture and Environmental Sustainability	3 cr

Plus one of the following advanced physical geography courses:

GEOG 324	Landforms and Environmental Processes	4 cr
GEOG 326	Biogeography	3 cr
GEOG 382	Soil Ecosystems and Resources	4 cr
GEOG 384	Landscape Ecology	3 cr
GEOG 396	Field Methods in Geography	4 cr

Requirements for the General Geography Major (39 credits minimum)

The general major is designed to provide students a broad background in geography. The core courses (27-28 credits) plus 12 credits of 300-level and above GEOG courses or their equivalents are required.

Requirements for the Concentration in Planning (39 credits minimum)

The concentration in planning is for students interested in careers or graduate study in urban and regional planning, business planning, environmental planning, or related fields. The core courses (27-28 credits) plus the following or their equivalents are required.

GEOG 360	Urban Geography	3 cr
GEOG 365	Geography in Land Use Planning	3 cr

Plus two of the following:

GEOG 330	Population Geography	3 cr
GEOG 340	Political Geography	3 cr
GEOG 375	Geography of Transportation	3 cr
GEOG 494	Internship in Geography*	3 cr

* Note that GEOG 494 must be with an approved agency/ organization or other suitable location in order to count for this concentration.

Requirements for the Concentration in Applied Environmental Geography (39 credits minimum)

This concentration allows students to emphasize physical geography and environmental analysis through a combination of classroom, lab, and field experiences. A career in environmental management is one example of where this concentration could be used. The core courses (27-28 credits) plus the following or their equivalent are required.

Four of the following (12-15 credits):

GEOG 306	Natural Disasters and Society	3 cr
GEOG 308	Conservation of Natural Resources	3 cr
GEOG 323	Climate Change	3 cr
GEOG 324	Landforms and Environmental Processes	4 cr
GEOG 326	Biogeography	3 cr
GEOG 382	Soil Ecosystems and Resources	4 cr
GEOG 384	Landscape Ecology	3 cr
GEOG 396	Field Methods in Geography	4 cr
GEOG 494	Internship in Geography*	3 cr

* Note that GEOG 494 must be with an approved agency/ organization or other suitable location in order to count for this concentration.

Requirements for the Geography Minor (18 credits)

The minor in geography consists of a minimum of 18 credits. The following courses or their equivalents are required:

GEOG 100	Physical Geography and the Environment	3 cr

One of the following:

GEOG 101	Geography of American Ethnicity & Race	3 cr
GEOG 105	Contemporary Human Geography	3 cr
GEOG 108	Culture and Environmental Sustainability	3 cr
GEOG 110	Intro to Geography-World Regions	3 cr

One of the following:

GEOG 215	Economic Geography	3 cr
GEOG 250	Map Use and Analysis	3 cr

The remaining 9 credits must be selected from geography courses at the 300-level and above.

Requirements for the Certificate in Geographic Information Systems (12 credits)

Geographic information systems (GIS) are used to store, display, and analyze spatially referenced databases to help solve problems and to assist in decision making. GIS is increasingly important in a variety of applications like transportation planning, business logistics, and environmental impact analysis. This certificate can be earned by completing the following or their equivalents.

GEOG 250	Map Use and Analysis	3 cr
GEOG 350	Cartography and GIS	3 cr
GEOG 460	Introduction to GIS Analysis	3 cr

Plus one of the following:

GEOG 455	Remote Sensing	3 cr
GEOG 465	Advanced GIS Applications	3 cr
GEOG 490	Special Topics (on GIS topics)	3 cr

The GIS certificate requires a 2.25 GPA minimum in the courses for the certificate.

Courses in Geography (GEOG)

100 Physical Geography and the Environment ..... 3 cr
Prereq: None. Freq: Fall, Spring, Summer.
Investigates the patterns and processes of Earth's physical and biological systems and their influence on human behavior and distribution. Includes human impacts on climate, hydrologic cycle, and ecosystem development.

101 Geography of American Ethnicity & Race ..... 3 cr
Prereq: None. Freq: Fall, Summer.
American ethnic and racial patterns from a distinctly geographic perspective. Historical forces shaping the geographical patterns of race and ethnicity as well as contemporary issues in ethnic and race relations including immigration.

105 Contemporary Human Geography ..... 3 cr
Prereq: None. Freq: Spring.
An overview of significant themes in human geography including population issues, cultural differences, globalization, languages, politics and foreign affairs, settlement patterns, migration, and economic organization.

108 Culture and Environmental Sustainability ..... 3 cr
Prereq: None. Freq: Fall
Explores interrelationships of cultural and natural systems, need for sustainability, and how different cultural groups view nature. Varying perspectives on environmentalism and what going green means to different parts of society. Resolving environmental problems and building sustainable futures.

110 Introduction to Geography-World Regions ..... 3 cr
Prereq: None. Freq: Fall, Spring, Summer.
A study of the cultural and physical characteristics of major world regions. How people live in different parts of the world. Globalization, environmentalism, and geographic perspectives on current international issues are emphasized.

215 Economic Geography ..... 3 cr
Prereq: None. Freq: Spring.
Analysis of the factors which influence the spatial patterns of economic activities and economic variables. The geography of transportation systems, labor supplies, markets, trade, technology, and government regulations. Investigation of how geography affects economic processes and problems. Introductory course in geography recommended.

250 Map Use and Analysis ..... 3 cr
Prereq: None. Freq: Fall.
Interpretation, analysis, and function of topographic and thematic maps. Navigation and data collection using GPS. Compass use and orienteering. Map projections and coordinate systems. Measurement and pattern analysis using maps. Air photo interpretation. Hands-on experience using maps and GPS in both the classroom and the field.

290 Special Topics in Geography ..... 1-4 cr
Prereq: None. Freq: Occasionally.
Selected topics in geography will be examined.

300 Geographic Methods ..... 3 cr
Prereq: Junior standing and 9 credits in geography or consent of instructor. Freq: Fall.
Introduction to geographic concepts, methods, and procedures. Applications of selected descriptive and inferential statistical methods to geographic problems. Hypothesis testing, correlation, and regression. Analysis of point patterns.

306 Natural Disasters and Society ..... 3 cr
Prereq: None. Freq: Occasionally.
Exploration of natural disasters and their impacts on humans. Topics include earthquakes, tsunamis, volcanoes, tornadoes, hurricanes, floods, asteroid and comet impacts. Disaster planning and mitigation, GIS applications in disaster management.

308 Conservation of Natural Resources ..... 3 cr
Prereq: None. Freq: Summer.
Examination of significant environmental issues. Policies and problems in the use and management of natural resources. Energy alternatives, climate change, water resources issues, endangered species, and others. Selected topics taken from southeastern Wisconsin.

310 Geography of the United States and Canada ..... 3 cr
Prereq: None. Freq: Occasionally.
Covers the physical features, resources, people, settlement patterns, historical geography, land utilization and economic development of the United States and Canada. Particular emphasis on environmental issues, economic ties, and political relations

315 Geography of Wisconsin ..... 3 cr
Prereq: None. Freq: Summer.
Wisconsin's characteristics are explained and compared to those of the rest of the United States. Explores patterns of history, population, climate, topography, economic activity, transportation, culture, and recreation. Current and ongoing statewide issues are examined from a geographic perspective.

320 Regional Geography ..... 3 cr
Prereq: None. Freq: Occasionally.
Explores the physical and cultural features of a selected region with emphasis on past and present spatial patterns. Included geographic viewpoints on current issues and problems within the region. May be taken for credit each time a different region is studied.

323 Climate Change ..... 3 cr
Prereq: GEOG 100. Freq: Occasionally.
Investigates characteristics, processes, distribution, classification and geographical significance of Earth's climates. Causes and consequences of climate change, especially its impacts on human populations.

324 Landforms and Environmental Processes ..... 4 cr
Prereq: GEOG 100 or GEOS 100. Freq: Occasionally.
Examines Earth's landforms concerning their characteristics, processes, and distribution. Focuses on historical geology, tectonic events, rock formation, glaciations, river systems, soil development and consequences for humans. Includes field trip, lab applications, and aerial photo interpretation.

326 Biogeography ..... 3 cr
Prereq: GEOG 100 or BIOS 100, 102 or 104. Freq: Spring.
Focuses on the distribution of biodiversity in space and time. Includes plant identification, ecological and evolutionary patterns, conservation, restoration ecology, paleodynamics, and human impacts on species distributions. Includes field trips.

330 Population Geography ..... 3 cr
Prereq: A course in geography. Freq: Occasionally.
Geographic factors that influence patterns of human settlement and existence. Examines population distributions and growth as related to environmental and resource issues. Are there too many people on Earth? How do the demographics of the United States compare to other parts of the world? Includes case studies, applications, and methods of analysis.

340 Political Geography ..... 3 cr
Prereq: A course in geography. Freq: Occasionally.
Geographical explanation of the political organization of space and territory. Issues are explored at scales ranging from global to local. Globalization, nationalism, boundary problems, regional conflict, ethnic nationalism, and the local context for planning and policy are stressed.

350 Cartography and GIS ..... 3 cr
Prereq: GEOG 250 or consent of instructor. Freq: Spring.
Cartographic theory and methods. Role of maps in society. Introduction to GIS technology. Digital cartographic design and data processing using GIS. Also emphasizes history of cartography, quantitative and qualitative thematic mapping, and maps as both art and science.

360 Urban Geography ..... 3 cr
Prereq: A course in geography. Freq: Fall.
Focuses on characteristics of urban regions. Analysis of the factors that determine urban development as well as patterns within urban areas. Transportation and housing issues. Ethnic neighborhoods and urban government. Urban planning models and practices are introduced to study urban problems like poverty, congestion, crime and infrastructure.

365 Geography in Land Use Planning ..... 3 cr
Prereq: A course in geography. Freq: Spring.
A detailed examination of the forces and factors that shape contemporary land use patterns in the United States. The study of the concepts, theories, and tools of land use planning. How planning leads to more efficient, productive, and pleasant urban and rural environments. Uses selected case studies from southeastern Wisconsin and northern Illinois.

375 Geography of Transportation ..... 3 cr
Prereq: A course in geography. Freq: Occasionally.
The significance of transportation within the modern world. Geographic analysis of transportation systems with emphasis on networks, costs, new technologies, commodity flows, traffic patterns, impacts on development, the different modes, and transportation problems. Transportation planning is included.

382 Soil Ecosystems and Resources ..... 4 cr
Prereq: GEOG 100. Freq: Occasionally.
Understanding of soils as both natural bodies and as managed resources. Students learn how soil science fits into the broader topic of physical geography by exploring physical and chemical properties of soils, plant nutrition from soils, environmental impacts of climate, geomorphology, organisms on soils, and how soils are managed. Includes lab and field experience.

384 Landscape Ecology ..... 3 cr
Prereq: GEOG 100 or 326 or consent of instructor. Freq: Occasionally.
Focuses on how spatial structure affects ecosystem processes and biodiversity at the landscape level. Concepts include landscape scale, natural disturbances, animal movements, patch dynamics, design of nature reserves, and the wildland-urban interface.

390 Special Topics in Geography ..... 3 cr
Prereq: None. Freq: Occasionally.
Selected topics in geography will be examined.

396 Field Methods in Geography ..... 4 cr
Prereq: Consent of instructor. Freq: Fall.
Application of geographic concepts, scientific inquiry, methods, and tools in a hands-on field setting. Current focus is on understanding patterns of biodiversity in natural habitats, assessing native ecosystems as influenced by human activities, and designing sampling methods to quantify vegetation dynamics. Techniques can include taxonomy keys, dendrochronology, soil sampling, and spatial statistics. May be taken for credit each time a different focus or area is studied. Additional fees required. Field trips required.

455 Remote Sensing ..... 3 cr
Prereq: GEOG 250 or 350 or consent of instructor.
Freq: Occasionally.
Overview of remote-sensing systems (airborne and satellite). Principles of photographic and electromagnetic remote sensing systems which detect, record and measure distributions of natural and cultural phenomena. Interpretation of aerial and orbital imagery for urban planning and environmental research.

460 Introduction to GIS Analysis ..... 3 cr
Prereq: GEOG 250 or 350 or consent of instructor. Freq: Fall.
Introduction to spatial analysis using GIS technology. Data acquisition, integration, and editing. Spatial analysis of natural and cultural phenomena using both vector and raster data models. Application of GIS technologies to environmental management and urban planning. Field based data collection using GPS. Focus on local community issues. Individual and group projects.

465 Advanced GIS Applications ..... 3 cr
Prereq: GEOG 460 or consent of instructor. Freq: Spring.
Advanced topics in GIS concepts and applications. Data collection and integration, spatial analysis, and project management. Terrain analysis using Digital Elevation Models. Advanced application of GIS technology to environmental management and urban planning. Exploration of GIS related job opportunities and the future of GIS technology. Focus on local community issues. Individual and group projects.

490 Special Topics in Geography ..... 1-3 cr
Prereq: Consent of instructor. Freq: Occasionally.
Selected topics in geography will be examined.

494 Internship in Geography ..... 1-12 cr
Prereq: Junior standing, geography or related major,
2.75 GPA in geography courses, and consent of instructor.
Freq: Fall, Spring, Summer.
Practical application of geographic concepts, methods, and technologies. By working in planning agencies, GIS departments, environmental organizations, other private or public units, students gain real-world experience. Enrollment dependent on availability of suitable placement. May be repeated for a maximum of 12 credits with up to 6 credits toward the major.

495 Senior Seminar ..... 3 cr
Prereq: Senior standing, geography or related major.
Freq: Fall, Spring.
Capstone course applying knowledge, concepts, and methods of geography. Includes completing a major research project and communicating the results.

499 Independent Study.....1-3 cr
Prereq: Junior standing, 2.25 overall GPA, and consent of instructor. Freq: Fall, Spring, Summer.
Under instructor supervision, individual investigation of a topic related to geography. Maximum of 6 credits may be applied toward the major.

Graduate Courses

596 Field Methods in Geography..... 4 cr
Prereq: Consent of instructor. Freq: Fall
Extensive application of geographic concepts, scientific inquiry, methods, and tools in a hands-on field setting. Focus is on understanding patterns of biodiversity in natural habitats, assessing native ecosystems as influenced by human activities, and designing sampling methods to quantify vegetation dynamics. Techniques can include taxonomy keys, dendrochronology, soil sampling, and spatial statistics. May be taken for credit each time a different focus or area is studied. Additional fees required. Field trips required.

690 Special Topics in Geography .....1-4 cr
Prereq: None. Freq: Occasionally.
Advanced study on selected topics in geography.

GEOSCIENCES

Greenquist 345 • 262-595-2327

Degree Offered:
Bachelor of Science.

Professor:
Li, Ph.D. (Chair)

Associate Professor:
Skalbeck, Ph.D.

Student Organizations/Clubs:
Geosciences Club; Sigma Gamma Epsilon.

Career Possibilities
Students in the Geosciences Department select between two concentrations: environmental geosciences or earth science, depending on their career goals.

The environmental geosciences concentration will prepare students for employment in private sector and various governmental agencies. Students completing this concentration will also have appropriate course work to be eligible for the certification exam as a professional geologist and/or professional hydrogeologist in Wisconsin. The expertise in hydrogeology and contaminant fate and transport afforded by this concentration can lead to employment as an environmental geoscientist in a variety of governmental and private organizations. Students interested in taking certification exams as professional soil scientists in Wisconsin may choose electives in soil science. Graduates with this background may work with governmental and private agencies in such applied fields as water resource management, soil conservation, and land-use planning.

The earth science concentration is extraordinarily flexible, as 15 credits of support courses are built into the major. These courses will be selected by the students and their advisers in order to develop a focal point related to their geosciences curriculum. The 15 credits are part of the major; therefore, a student electing to complete a minor cannot use these credits for that minor. Typical uses for the support courses include preparation for teacher licensure, law school, M.B.A. or M.P.A. programs.

Department Overview

The department's primary activities center around providing UW-Parkside students with a high-quality major program that will enable them to satisfy their specialized employment objectives. Toward this end, the Geosciences Department provides a core curriculum plus concentrations in environmental geosciences and earth science. Students electing the first concentration may choose to fulfill curricular requirements preparatory to professional certification by the state of Wisconsin as a geologist, hydrogeologist, or soil scientist. The earth science concentration provides a broad and flexible foundation for students with wide-ranging interests in the sciences, education, and the liberal arts. Furthermore, upper-level courses are intensively hands-on, enabling students to generate and analyze real-time data while gaining experience with innovative methods and instrumentation used by environmental professionals. The department has installed and maintains a network of ground water monitoring wells on campus and at other university properties in the community. These sites will serve students as hands-on learning sites, through which they can provide environmental quality assessment data that will assist surrounding communities in recognizing and interpreting long-term effects of land use changes. The department has also established an ozone monitoring program in Kenosha that tracks differences between off-shore and on-shore levels on a daily and seasonal basis.

It is the purpose of the Geosciences Department to become a key resource for environmental earth-system science at UW-Parkside, and in Kenosha and Racine counties. To this end, the department fosters faculty, student, and staff involvement and investment in local and regional environmental issues. Geosciences faculty are also taking leadership roles in the establishment of the Root River Environmental Education Community Center (REC) in Racine, and the Center for Environmental Education and Research (CEDAR) in Kenosha.

The Geosciences Department encourages and supports research and publication by students in cooperation with faculty. The department also supports a program of student research projects on local environmental problems as part of the introductory and advanced courses. The department encourages and aids advanced students to attend professional society meetings at national, regional, and local levels. Departmental faculty members are actively engaged in research and continue to seek and obtain research support from appropriate federal, state, University of Wisconsin System, and campus sources. Currently, the geosciences faculty is supported by UW System groundwater funding to do work related to remediation of heavy metal, organic, and anionic contaminants, and pharmaceuticals and personal care products in water.

Preparation for Graduate School

The environmental geosciences curriculum provides a strong background in mathematics and the physical sciences that prepares students for graduate work in the natural and environmental sciences. The earth science concentration—with an appropriate support course plan—is good preparation

for advanced degree programs in law, public administration, education, and library science.

Program Level Outcomes

1. To prepare students for professional certification and employment in areas of environmental and earth sciences. The program satisfies requirements for Wisconsin Professional Geologist and Professional Hydrogeologist.
2. To assist with the preparation of K-12 teachers in the areas of earth and environmental sciences and broad field science.
3. To promote scientific literacy on the campus and in the community, particularly with respect to principles and issues involving environmental awareness, quality, and protection.
4. To contribute fundamental scientific research that enhances environmental quality and quality-of-life for members of the regional, state, local and campus communities.
5. Contribute to the diversity of the university community by working toward the goals of Plan 2012.

Requirements for the Geosciences Major (70-76 credits)

The geosciences major requires a selection of core courses and courses in a concentration. Students select between two concentrations: environmental geosciences or earth science.

Required Core Courses (17 credits)

GEOS 102	Origin and History of the Earth	3 cr
GEOS 104	Introductory Geology Laboratory	2 cr
GEOS 200	Minerals and Rocks	4 cr
GEOS 355	Stratigraphy and Sedimentation	4 cr
GEOS 495	Senior Seminar	1 cr
GEOS 496	Geoscience Applications	3 cr

Requirements for the Environmental Geosciences Concentration (56-59 credits)

Required Courses

GEOS 101	Introductory Geology	3 cr
GEOS 106	Great Lakes Water Resources	3 cr
OR		
GEOS 109	Fundamentals of Global Climate Change.	3 cr
GEOS 330	Environmental Geology	4 cr
GEOS 331	Introduction to Geochemistry	3 cr
GEOS 345	Geophysics	3 cr
GEOS 361	Hydrogeology	3 cr
GEOS 431	Aqueous & Contaminant Geochemistry	4 cr
GEOS 470	Remediation Science and Technology	3 cr
OR		
GEOS 440	Contaminants in Terrestrial Systems	3 cr
GEOS 445	Environmental Sampling, Monitoring, and Assessment	4 cr
GEOS 465	Applied Hydrogeology	4 cr
MATH 112	College Algebra II	3 cr
AND		
MATH 113	Trigonometry	3 cr
OR		
MATH 114	College Algebra II w/Trigonometry	5 cr
MATH 221	Calculus & Analytic Geometry I	5 cr
OR		
GEOS 295	Mathematics for Geosciences	3 cr
CHEM 101	General Chemistry I	5 cr
CHEM 102	General Chemistry II	5 cr
PHYS 101	Principles of Physics	4 cr

Requirements for the Earth Science Concentration (53 credits)

Required Courses (41 credits)

GEOS 100	Earth in Perspective	3 cr
OR		
GEOS 101	Introductory Geology	3 cr
OR		
GEOS 103	Environmental Science: An Earth Resources Approach	3 cr
GEOS 106	Great Lakes Water Resources	3 cr
GEOS 109	Fundamentals of Global Climate Change	3 cr
GEOS 207	Field Methods	2 cr
GEOS 301	Geomorphology	4 cr
GEOS 320	Soils, Weathering and Surficial Processes	4 cr
GEOS 330	Environmental Geology	4 cr
GEOS 420	Glacial Geology	4 cr
GEOS 445	Environmental Sampling, Monitoring, and Assessment	4 cr
ENVS 335	Energy	4 cr
MATH 102	Survey of Mathematics (or higher)	3 cr
CHEM 100	The World of Chemistry	3 cr
OR		
CHEM 109	Environmental Chemistry	3 cr

Elective Courses (12 credits)

Supporting courses must be 300 and above.

Requirements for the Geosciences Minor (18 credits)

The geosciences minor offers students who are majoring in other academic disciplines, either in science or non-science areas, the opportunity to acquire an appreciation and basic knowledge of geosciences. This may enhance and add flexibility regarding career opportunities.

Students must complete a minimum of 18 credits in geosciences as follows:

Required Courses (12 credits)

GEOS 101	Introductory Geology (or acceptable substitute)	3 cr
GEOS 102	Origin and History of the Earth	3 cr
GEOS 104	Introductory Geology Laboratory	2 cr
GEOS 200	Minerals and Rocks	4 cr

Elective Courses (6 credits)

Six additional geosciences credits; 3 of the 6 credits must be upper level (300/400).

Courses in Geosciences (GEOS)

100 Earth in Perspective ..... 3 cr
Prereq: None. Freq: Fall, Summer.
Survey of the physical environment, including Earth's place in space, atmospheric processes, the oceans, and the solid earth; humanity's place in the system. Three-hour lecture.

101 Introductory Geology ..... 3 cr
Prereq: None. Freq: Fall.
Origin, age, and structure of the Earth; mountain building, volcanism, and continental drift; earth materials; rocks, minerals, and mineral and fossil fuel resources. Field trips. Three-hour lecture.

102 Origin and History of the Earth ..... 3 cr
Prereq: A 3-credit college level geosciences course.
Freq: Fall (even years).
Origin of the solar system and Earth; age of the Earth; origin of the oceans, atmosphere and life; geologic and life history. Field trips. Three-hour lecture.

103 Environmental Science: An Earth Resources Approach ..... 3 cr
Prereq: None. Freq: Fall.
Interactions between earth system processes and human activities: geologic hazards, water quality, pollution, land use, energy, mineral resources. Uses the physical earth to enable student consideration of the settings and values that produce environmental quality. Meets DPI content requirement in environmental education.

104 Introductory Geology Laboratory ..... 2 cr
Prereq: GEOS 101 (or acceptable substitute).
Freq: Spring (even years).
Rock, mineral, and fossil identification; topographic and geologic map interpretation; aerial photographs; hydrology, soils, and environmental geology. Field trips. Six-hour lab.

105 Oceanography ..... 3 cr
Prereq: None. Freq: Spring.
Origin of ocean basins; nature of seawater; ocean circulation; waves and tides; life in the sea; marine resources. Course specifically intended for non-majors. Three-hour lecture.

106 Great Lakes Water Resources ..... 3 cr
Prereq: None. Freq: Spring.
Physical and geologic history and description of the Great Lakes region. Emphasis on hydrologic cycle, economic resources of the Great Lakes, pollution and other environmental issues. Three-hour lecture.

108 Dirt Appreciation: Soils for Survival ..... 3 cr
Prereq: None. Freq: Occasionally.
Provides an understanding of the critical role of soils in determining and maintaining environmental quality. Also introduces the scientific foundations for using soil surveys in land-use planning. Three-hour lecture.

109 Fundamentals of Global Climate Change ..... 3 cr
Prereq: None. Freq: Spring.
Survey of current state of climate science including Earth's energy budget, the atmosphere, the greenhouse effect, ocean circulation, climate feedbacks, climate modeling and Earth's past climate. Also considers uncertainty in projections of future climate and solutions involving carbon sequestration, carbon-trade markets and energy efficiency. Three-hour lecture.

200 Minerals and Rocks ..... 4 cr
Prereq: GEOS 104 or consent of instructor. Freq: Fall (odd years).
Internal order of crystals; physical, chemical, and optical properties of minerals; mineral identification; mineral associations and the classification of igneous, metamorphic, and sedimentary rocks; ore deposits. Field trips. Three-hour lecture, three-hour lab.

207 Field Methods ..... 2 cr
Prereq: GEOS 101, 104. Freq: Spring (odd years).
Field methods used in geologic study, including occurrence and contact relations of geologic bodies, geologic mapping, rock, soil and water sampling. Field trips.

290 Special Topics in Geosciences ..... 1-4 cr
Prereq: Consent of instructor. Freq: Occasionally.
Selected topics in the geosciences will be examined.

300 Petrology ..... 3 cr
Prereq: GEOS 102, 200. Freq: Occasionally.
Origins of igneous, sedimentary, and metamorphic rocks. Review of hand sample and microscopic description; chemical analysis; nature and origin of magma; phase equilibria; magmatic series and differentiation; deposit and diagenesis of sediments; metamorphism. Field trips. Two-hour lecture; four-hour lab.

301 Geomorphology ..... 4 cr
Prereq: GEOS 102, 200; or consent of instructor.
Freq: Spring (odd years).
Analysis and description of landforms; emphasis on genesis, surficial processes, and relation to geologic structure. Includes some regional treatment of landscapes. Field trips. Three-hour lecture; three-hour lab.

309 Paleontology ..... 3 cr
Prereq: GEOS 102 or BIOS 102 or consent of instructor.
Freq: Occasionally.
Principles, practices, and procedures applied to important fossil invertebrate groups; generalized discussion of plants and vertebrates; elements of biostratigraphy; paleoenvironmental interpretations. Field trips. Two-hour lecture; four-hour lab.

310 Structural Geology ..... 3 cr
Prereq: GEOS 102, 200, or consent of instructor. Freq: Occasionally.
Formation and description of folds, faults, joints, and foliation; tectonic processes; structures related to intrusive and extrusive igneous rocks; interpretation of geologic maps; field techniques. Field trips. Two-hour lecture; three-hour lab.

320 Soils, Weathering, and Surficial Processes ..... 4 cr
Prereq: GEOS 104, CHEM 101. Freq: Occasionally.
Presentation of soils as natural entities in a process-based context. Methods and terminology of soil description and classification. Evaluation of environmental capacity of soils on a quantitative basis. Three-hour lecture; three-hour lab.

330 Environmental Geology.....4 cr
Prereq: GEOS 104. Freq: Spring (even years).
Application of basic geologic concepts to environmental problems; emphasis on geologic hazards, waste disposal, urban planning, resource policy issues, and environmental trends and programs. Field trips. Three-hour lecture; three-hour lab.

331 Introduction to Geochemistry .....3 cr
Prereq: CHEM 102 or equivalent. Freq: Fall (even years).
Chemical principles and their application to various geologic environments; chemical weathering, geochemical prospecting; phase equilibria; geochronology. Field trip. Three-hour lecture.

345 Geophysics.....3 cr
Prereq: GEOS 102, MATH 114 or consent of instructor.
Freq: Spring (odd years).
Surface and subsurface geophysics; principles and procedures of magnetics, gravity, seismology, electromagnetics, ground penetrating radar; applications in hydrogeology, petroleum and mineral exploration, environmental and water resource investigations. Field trips. Three-hour lecture.

355 Stratigraphy and Sedimentation.....4 cr
Prereq: GEOS 102, 200 or consent of instructor.
Freq: Spring (odd years).
The sedimentary rock record, correlation, nomenclature, paleotectonics, subsurface techniques, sedimentary processes and environments, recent sediments. Field trips. Three-hour lecture; three-hour lab.

361 Hydrogeology.....3 cr
Prereq: GEOS 200, MATH 114 or consent of instructor.
Freq: Spring (even years).
Surface water hydrogeology; runoff and stream flow; ground water hydrogeology: distribution of ground water, aquifer properties, local and regional ground water flow, geology of ground water occurrence; aqueous chemistry, and water quality. Field trips. Three-hour lecture.

370 Field Studies in Regional Geology.....1-4 cr
Prereq: GEOS 102 and consent of instructor.
Freq: Occasional summers.
Intensive study of the geology of selected regions. Application of field methods. Based upon a field trip of up to several weeks duration to a selected region. May be repeated for credit. Additional fees required.

390 Special Topics.....1-4 cr
Prereq: None. Freq: Occasionally.
Selected topics in the geosciences will be examined. May be repeated for credit with different topic.

420 Glacial Geology.....4 cr
Prereq: GEOS 102 or consent of instructor.
Freq: Spring (even years).
Regimen and flow of glaciers; glacial erosion and deposition; glacial landforms; Pleistocene history in glaciated and nonglaciated regions; stratigraphy and chronology of Pleistocene deposits in the Midwest and Great Lakes. Field trips. Three-hour lecture; three-hour lab.

431 Aqueous and Contaminant Geochemistry .....4 cr
Prereq: GEOS 331 or equivalent. Freq: Spring (odd years).
Solution chemistry; aqueous chemical speciation, organic chemistry; contaminant-sediment interaction; contaminant fate and transport. Field trip. Three-hour lecture; three-hour lab.

440 Contaminants in Terrestrial Systems.....3 cr
Prereq. GEOS 331. Freq: Occasionally.
Sources, transport, and fate of major environmental contaminants; natural and anthropogenic processes affecting contaminant mobility and bioavailability; cycling of contaminants through terrestrial ecosystems and the vadose zone. Three-hour lecture.

445 Environmental Sampling, Monitoring, and Assessment.....4 cr
Prereq: GEOS 361. Freq: Fall (odd years).
A hands-on methods survey course, using EPA-referenced field and laboratory methods for evaluating contaminant levels in terrestrial and ground water systems. Students learn and practice sampling and monitoring techniques and gain experience with chromatographic and spectroscopic techniques. Three-hour lecture; three-hour lab.

465 Applied Hydrogeology .....4 cr
Prereq: GEOS 361. Freq: Fall (even years).
Mass transport in vadose and saturated zones; origin and behavior of inorganic and organic contaminants; investigative techniques; ground water models; site remediation; ground water resource development and management; water law. Field trips. Three-hour lecture, three-hour lab.

470 Remediation Science and Technology .....3 cr
Prereq. GEOS 430. Freq: Spring (even years).
Methods and techniques for reducing, removing or immobilizing metals and radionuclides, including natural attenuation, in situ stabilization, phytoremediation and bioremediation. Each student will propose and test a new method or a new application of an established method, devised with guidance from research faculty. Three-hour lecture.

490 Special Topics in Geosciences .....1-4 cr
Prereq: Consent of instructor. Freq: Occasionally.
Intensive treatment of specialized areas in the geosciences.

495 Senior Seminar .....1 cr
Prereq: Senior standing, GEOS 355. Freq: Spring.
Individual student preparations and detailed oral and written presentations, in professional-style format, on knowledge of specialized topics acquired through library, laboratory, and/or field research. May be repeated for credit.

496 Geoscience Applications .....3 cr
Prereq: Senior standing, GEOS 355, or consent of instructor.
Freq: Fall (even years).
Course in which students apply their knowledge in service to the community. Project may involve teamwork on environmental assessment, land-use planning, etc., or individual internships with corporate or governmental agencies. Culminates in report/recommendation based on investigations.

497 Senior Thesis.....1-2 cr
Prereq: Senior standing and consent of instructor.
Freq: Fall, Spring.
Familiarization with the processes of research and scientific writing based upon laboratory, field, and literature study; oral defense of the thesis. Course may be repeated for a maximum of 4 credits.

499 Independent Study.....1-2 cr
Prereq: Consent of instructor and department chair. Freq: Fall, Spring.
Individual investigation of selected problems in the geosciences. Allows students to pursue independent field, laboratory, or library research interests under supervision of faculty members. Maximum 6 credits.

Graduate Courses

570 Field Studies in Regional Geology.....1-4 cr
Prereq: Consent of instructor and department chair.
Freq: Occasional summers.
Intensive study of the geology of selected regions. Application of field methods. Based upon a field trip of up to several weeks duration to a selected region. May be repeated for credit. Additional fees required.

690 Special Topics in Geosciences .....1-4 cr
Prereq: None. Freq: Occasionally.
Intensive treatment of specialized areas in the geosciences.

GERONTOLOGY

262-595-2146

Degree Offered:
None. A certificate in gerontology is offered.

Director:
Rosenberg, Ph.D.

Certificate in Gerontology:
Gerontology is the study of the process of aging from diverse perspectives. The study of gerontology provides us with an understanding of the biological, psychological, and social influences on people as they age. In addition, the study of gerontology examines the impact of social, political, economic, and health-care policies on the welfare of the elderly.

A certificate in gerontology verifies that a student has taken courses that directly relate to the needs of aging populations and is motivated and prepared to work in this field. The certificate indicates that the student has received college credit for work and that the performance meets the standards of a program offered through the University of Wisconsin-Parkside.

Career Opportunities
As the population of the United States ages, the number of elderly requiring support will increase greatly. Students seeking careers in gerontology will find new opportunities in the public, private, and nonprofit sectors. Entry-level positions are available in programs for the elderly that specialize in housing and long-term residential care, health care, recreation and fitness, and administration of community-based programs that serve older adult populations.

Requirements for Gerontology Certificate (15 credits)

The certificate in gerontology will require the successful completion of 15 credits among the required and elective courses described below. Students must achieve a 2.5 GPA or better in this program to receive a certificate.

Required Courses

BIOS 109	Biology of Aging (no prerequisite)	3 cr
PSYC 241	Psychology of Aging (prerequisite: PSYC 101)	3 cr
SOCA 326	Social Gerontology (prerequisite: SOCA 100 or 101)	3 cr
	Department Specific Internship in Gerontology*	3 cr

* Students who already have experience in the field of gerontology may receive credit for an internship through written agreement with a faculty member of this program.

Elective Courses

BIOS 190	Fundamentals in Human Nutrition**	2 cr
HESM 340	Aging and Wellness	3 cr
SOCA 319	Death and Dying	3 cr
SOCA 499	Independent Study	3 cr

** Students seeking a certificate in gerontology must complete an additional credit of course work. Students may choose a topic of interest to explore in depth as part of a 1-credit independent study. This independent study may be in any of the departments that are part of the Gerontology Certificate Program and must be with the consent of the instructor.

Internships in Gerontology

Students in the Gerontology Certificate Program are required to complete an internship at an area agency that serves the elderly. Such internships are designed to provide experiential learning opportunities as well as introduce students to community expectations with regard to service needs of the elderly. In addition, this is an excellent way of networking with people currently working in this area and learning about possible job opportunities. Internships will be provided through the certificate program, but students who are connected with area aging agencies who wish to complete the internship at a pre-arranged site can do so. Students will receive 3 credits for their participation.

HEALTH, EXERCISE SCIENCE AND SPORT MANAGEMENT

Sports & Activity Center (SAC) 2nd Floor • 262-595-2308 or 595-2245

Degrees Offered:
Bachelor of Science.

Associate Professors:
Miller, William J.D. (Chair); Ebben, Ph.D.; Fleck, Ph.D.; Klaver, Ed.D.; Lyter, Ph.D.

Assistant Professors:
McCoy, J.D.

Associate Lecturer:
Strauss-Thompkins, M.S.

Instructional Specialist/Advisor:
Fairchild, M.S.

Lecturer:
Cramer, M.S., CSCS (Fitness Coordinator)

Clinical Assistant Professors:
Fabiano, B.A. (Coach); Knight-Kenesie, M.S. (Coach); Miller, Wendy, M.S. (Aquatic Director); Paciero, M.Ed. (Coach); Wilka, M.E.D. ATC (Director of Sports Medicine)

Clinical Lecturer:
Lenssen, M.S. ATC (Athletic Trainer)

Department Overview

The Health, Exercise Science and Sport Management (HESM) Department offers majors in sport management and exercise science as well as certificates in exercise science, sport management and coaching. The department also significantly supports the applied health sciences major. Please see "Applied Health Sciences" for more information. Certificates in exercise science, sport management and coaching are designed to supplement an existing major with career-specific course work to enhance employment opportunities. In addition, the curriculum provides all students with the possibility of obtaining an education in lifetime wellness and a variety of lifetime activities stressing awareness, knowledge and skills to promote lifelong wellness and improved quality of life.

Career Possibilities

Majors can find employment within the sport or fitness fields with numerous types of organizations including amateur and professional sport organizations, educational institutions, health and fitness centers, private and municipal recreation programs or the sporting goods industry. Careers include administration, coaching, marketing, consulting, facility operations, journalism, personal training, directing fitness facilities, program development, public relations, sales and sports information.

Preparation for Graduate Studies

Undergraduate study in sport management provides excellent preparation for graduate study in sport administration, business and sport law. Undergraduate study in exercise science provides preparation for advanced study in such areas as biomechanics, exercise physiology, kinesiology, athletic training, occupational therapy and physical therapy.

Student Organizations/Clubs

Sport & Fitness Management Club.

Program Level Outcomes for Exercise Science

1. Apply the knowledge of exercise science principles.
   - Analyze and assess human movement in a variety of levels and contexts
   - Develop and execute appropriate fitness assessments and programs for flexibility, strength, endurance, body composition, plyometrics, speed development and conditioning
   - Create scientifically based periodized programs for anaerobic and aerobic exercise
   - Plan, implement and evaluate effective exercise or health-related programs
2. Demonstrate effective professional communication skills through a variety of mediums.
   - Use professional oral and visual communication skills effectively when giving a presentation on a topic in the field of exercise science

- Demonstrate effective writing skills regarding a fitness management problem or issue
- Demonstrate competence with interpersonal communication in a situation related to fitness management/exercise science
- Demonstrate effective individual and group exercise leadership skills

3. Demonstrate effective critical thinking skills in the area of exercise science.
   - Appropriately apply scientific methods to the field of exercise science
   - Apply evidence-based decision-making in planning safe and effective exercise programming for any population
   - Evaluate information and evidence related to fitness and health practices
4. Act as a socially responsible member of the exercise science/fitness management profession.
   - Develop personal and professional philosophies necessary to excel professionally
   - Use the various dimensions of diversity, ethics, and law for professional decision-making in relation to fitness management
   - Appreciate the need and have the desire to seek the most current knowledge in the field

Admission Requirements for the Exercise Science Major

To be accepted into the exercise science major, a student must have:

- A cumulative GPA of 2.00 or better, and
- A GPA of 2.75 or better in 12 or more completed credits (these 12 credits must include HESM 210 Introduction to Health, Exercise Science and Sport Management and cannot include fieldwork credits)
- Obtain a grade of C or better in each of the classes utilized to declare the major (C- is not acceptable)
- These requirements can be satisfied by equivalent transfer work that is accepted by the department

Requirements for the Exercise Science Major (73-76 credits)

In addition to satisfying the general university requirements, students seeking to graduate with a bachelor of science with a major in exercise science must satisfy the following:

- Complete all required course work (73-76 credits) for the major
- Obtain a grade of a C or better in each of the required courses (C- is not acceptable), and
- Achieve a minimum 2.75 GPA in all classes counted toward the major

A. Required Core Courses (61-63 credits)

1. Choose one combination of anatomy courses (6 or 8 credits):

   BIOS 105 Human Physiology and Anatomy I... 4 cr
   AND
   BIOS 106 Human Physiology and Anatomy II....4 cr

   OR

   BIOS 300 Functional Human Anatomy..... 3 cr
   AND
   BIOS 341 Mammalian Physiology ..... 3 cr

2. Choose one physics course (4 credits):

   PHYS 101 Principles of Physics ..... 4 cr
   OR
   PHYS 102 Principles of Physics with Medical Applications..... 4 cr

3. Required psychology course (3 credits):

   PSYC 101 Intro to Psychological Science ..... 3 cr

4. Choose one health science related course (3 credits):

   HESM 210 Introduction to Health, Exercise and Sport Management..... 3 cr
   OR
   AHS 101 Intro to Applied Health Sciences .. 3 cr

5. Required courses (45 credits):

   HESM 270 Lifetime Wellness ..... 3 cr
   HESM 280 Sport and Fitness Nutrition ..... 3 cr
   HESM 300 Legal Issues in Sport and Fitness Management ..... 3 cr
   HESM 345 Prevention and Care of Athletic Injuries ..... 3 cr
   HESM 353 Biomechanics..... 4 cr
   HESM 354 Physiology of Exercise ..... 4 cr
   HESM 358 Sport and Fitness Psychology ..... 3 cr
   HESM 410 Fitness Assessment and Prescription ..... 3 cr
   HESM 415 Scientific Principles of Strength and Conditioning ..... 4 cr
   HESM 430 Fitness Program Management..... 3 cr
   HESM 498* Fieldwork in Exercise Science.... 12 cr

   * The fieldwork requirement can be completed by one of the following options:

   a) Fieldwork Only Option

   Twelve (12) credits with at least 3 of these credits completed in the student's last semester of studies.

   b) Fieldwork/Course Option

   Twelve (12) credits of 300- or 400-level pre-approved courses. A minimum of 6 credits must be in HESM 498 Fieldwork in Exercise Science with at least 3 of these credits completed in the student's last semester of studies.

   In addition to completing the core courses within the exercise science major, students must choose and complete one of the following concentrations, based on their area of interest:

B. Required Exercise Science Concentrations (12-13 credits)

In addition to completing the core courses within the exercise science major, students must choose and complete one of the following concentrations, based on their area of interest:

1. Fitness Management (12 credits)

   Required courses:

BUS 100	Introduction to Business	3 cr
ACCT 201	Financial Accounting	3 cr
HESM 450	Sport and Fitness Marketing	3 cr
HESM 455	Sport Sales and Customer Service	3 cr

2. Strength and Conditioning (12-13 credits)

   Required courses (9 credits):

HESM 350	Research Methods in Exercise Science	3 cr
HESM 425	Program Design and Exercise Techniques	3 cr
HESM 445	Therapeutic Exercise for Athletic Injuries	3 cr

   Choose one statistics course (3-4 credits):

PSYC 250	Psychological Statistics	3 cr
OR		
BIOS 210	Biostatistics	4 cr

Program Level Outcomes for Sport Management

1. Demonstrate effective communication skills through a variety of mediums.
   - Students are able to use oral or visual communication for business purposes using professional communication styles
   - Students are able to use written communication for business purposes using professional communication styles
   - Students demonstrate an ability to use interpersonal and mass communication styles in sport business
2. Collect and analyze information connected to the sports management discipline.
   - Demonstrate an ability to use the fundamental principles of the sport management field, which include marketing, finance and law
   - Effectively apply technology to analyze and interpret data
3. Demonstrate a proficiency in identifying and resolving problems.
   - Students can identify and evaluate sport business concerns
   - Students can communicate how learned concepts affect business situations while providing a potential solution to any problem
   - Students can identify potential ethical dilemmas and be proactive in resolving them
4. Function effectively in a manner similar to industry personnel.
   - Students demonstrate the ability to make economic decisions to improve the business
   - Students use the various dimensions of diversity, ethics, and law for professional decision-making in relation to sport management
5. Develop critical thinking skills through disciplined intellectual inquiry.
   - Students are able to utilize strong logic in developing potential solutions to problems within professional and ethical standards
   - Students can recognize and analyze sport business issues through relevant literature

Admission Requirements for the Sport Management Major

To be accepted into the sport management major, a student must have:

- A cumulative GPA of 2.00 or better, and
- A GPA of 2.50 or better in 12 or more completed credits (these 12 credits must include HESM 210 Introduction to Health, Exercise Science and Sport Management and cannot include fieldwork credits)
- Obtain a grade of C or better in each of the classes utilized to declare the major (C- is not acceptable)
- These requirements can be satisfied by equivalent transfer work that is accepted by the department

Requirements for the Sport Management Major (60 credits)

In addition to satisfying the general university requirements, students seeking to graduate with bachelor of science with a major in sport management must satisfy the following:

- Complete all required course work (60 credits) for the major
- Obtain a grade of a C or better in each of the required courses (C- is not acceptable)
- Achieve a minimum 2.50 GPA in all classes counted toward the major

A. Required Core Courses (39 credits)

BUS 100	Introduction to Business	3 cr
SPCH 105	Public Speaking	3 cr
ENGL 204	Writing for Business & Industry	3 cr
HESM 210	Introduction to Health, Exercise Science and Sport Management	3 cr
HESM 220	Advanced Issues in Sport Management	3 cr
HESM 282	Ethics and Issues in Sport Management	3 cr
HESM 300	Legal Issues in Sport and Fitness Management	3 cr

HESM 420	Sport Business and Finance	3 cr
HESM 450	Sport and Fitness Marketing	3 cr
HESM 480	Senior Seminar in Sport Management	3 cr
HESM 495	Fieldwork in Sport Management	9 cr

B. Elective Courses (21 credits)

Choose courses from the list below:

ACCT 201	Financial Accounting	3 cr
ART 104	Introduction to Digital Art	3 cr
ECON 305	Economics of Sports	3 cr
MGT 349	Organizational Behavior	3 cr
HESM 289	Special Topics in Sport Management	1-3 cr
HESM 310	Sports Industry Regulation	3 cr
HESM 330	Sport in Society	3 cr
HESM 335	Race, Ethnicity and Baseball in American Society	3 cr
HESM 339	Sustainable Sport Management	3 cr
HESM 360	Sports Media and Public Relations	3 cr
HESM 370	Event Management	3 cr
HESM 380	Facility Development and Management	3 cr
HESM 389	Special Topics in Sport Management	1-3 cr
HESM 455	Sport Sales and Customer Service	3 cr
HESM 456	Athletic Fundraising	3 cr
HESM 489	Special Topics in Sport Management	1-3 cr
HESM 499	Independent Study	1-3 cr

Requirements for the Exercise Science Certificate (20-22 credits)

Complete all required course work (20-22 credits) for the certificate and achieve a minimum 2.75 GPA in certificate course work. Obtain a grade of C or better (C- is not acceptable) in each of the classes utilized to earn the certificate.

A. Choose one Combination of Anatomy Courses (6 or 8 credits)

BIOS 105	Human Physiology and Anatomy I	4 cr
AND		
BIOS 106	Human Physiology and Anatomy II	4 cr
OR		
BIOS 300	Functional Human Anatomy	3 cr
AND		
BIOS 341	Mammalian Physiology	3 cr

B. Required Courses (14 credits)

HESM 270	Lifetime Wellness	3 cr
HESM 280	Sport and Fitness Nutrition	3 cr
HESM 353	Biomechanics	4 cr
HESM 354	Physiology of Exercise	4 cr

Requirements for the Sport Management Certificate (15 credits)

Complete all required course work (15 credits) for the certificate; and achieve a minimum 2.50 GPA in certificate course work. Obtain a grade of C or better (C- is not acceptable) in each of the classes utilized to earn the certificate.

HESM 210	Introduction to Health, Exercise Science and Sport Management	3 cr
HESM 282	Ethics and Issues in Sport Management	3 cr
HESM 300	Legal Issues in Sport and Fitness Management	3 cr
HESM 450	Sport and Fitness Marketing	3 cr
Elective	3 credits of approved HESM 300- or 400-level course work	3 cr

Requirements for the Coaching Certificate (15 credits)

Complete all required course work (15 credits) for the certificate; and achieve a minimum 2.50 GPA in certificate course work. Individuals who successfully complete the coaching certificate requirements will meet Wisconsin Intercollegiate Athletic Association (WIAA) requirements for coaching. Individuals will also meet Illinois High School Association (IHSA) course requirements for coaching but will also need to pass the Illinois By-Law Examination to be certified to coach in Illinois high schools.

A. Required Courses (9 credits)

HESM 201	Community First Aid and Cardio Pulmonary Resuscitation	1 cr
HESM 250	Sport Safety Training for Coaches	3 cr
HESM 283	Orientation to Coaching	3 cr
HESM 301	Sport Conditioning Practice Design	2 cr

B. Elective Course (3-4 credits)

Choose one:

HESM 280	Sport and Fitness Nutrition	3 cr
HESM 300	Legal Issues in Sport and Fitness Management	3 cr
HESM 358	Sport and Fitness Psychology	3 cr
HESM 380	Facility Development and Management	3 cr
HESM 415	Scientific Principles of Strength and Conditioning	4 cr

C. Required Theory and Activity Courses (3 credits)

Choose one theory course:

HESM	Coaching Theory*	2 cr
	Baseball (251), Basketball (252), Soccer (259), Softball (260), Track and Field (264), or Volleyball (266)	

Choose one activity course:

HESM Activity Course ..... 1 cr
Baseball (115), Basketball (117),
Soccer I (180), Softball (182),
Track and Field (192), or Volleyball (194)

* Each of the coaching theory courses has a corresponding activity course (1 credit each) as a prerequisite.

Students attempting to complete the coaching certificate can seek a waiver of the activity course prerequisite requirement if they can provide acceptable written proof that they currently compete or previously competed in that sport at the varsity level in either college or high school.

Courses in Health, Exercise Science and Sport Management (HESM)

105 - 196 Activity Courses

105 Beginning Swimming ..... 1 cr
Prereq: Non-swimmers only. Freq: Fall, Spring.
Designed for the non-swimmers or those who cannot swim 25 yards. Swimming basic strokes, basic water skills and water safety skills are taught.

106 Intermediate Swimming ..... 1 cr
Prereq: Able to swim 25 yards using a minimum three basic strokes, or pass HESM 105. Freq: Fall, Spring.
Designed for the level 3 and level 4 swimmers of average swimming ability. This course will refine current swimming skills, teach new strokes and skills and cover personal water safety skills.

107 Advanced Swimming ..... 1 cr
Prereq: Strong swimming skills, able to swim 25 yards using four different strokes. Freq: Fall, Spring.
Designed for the level 5 and higher swimmer. Improves upon six basic strokes, increase efficiency and endurance.

108 Water Exercise and Conditioning ..... 1 cr
Prereq: None. Freq: Occasionally.
Designed to provide students a means of conditioning in a low-impact environment. Suitable for any student wanting to begin an exercise program, cross-train or maintain their current level of fitness. Swimming skills are not required.

110 Scuba Diving ..... 1 cr
Prereq: None. Freq: Occasionally.
The fundamentals of scuba diving including diving equipment and techniques. Successful completion of the course qualifies students for check-out dives and final scuba diver certification. This course is taught under the auspices of the Professional Association of Diving Instructors (PADI). Extra fees required.

112 Swim for Fitness ..... 1 cr
Prereq: Ability to swim a minimum of 100 yards using any stroke; or consent of instructor. Freq: Fall, Spring.
Improve cardiovascular fitness through swimming. Additional swimming outside of class is required. Not appropriate for weak or non-swimmers.

113 Badminton ..... 1 cr
Prereq: None. Freq: Occasionally.
Introduction to basic skills, rules, proper court position and conditioning.

115 Baseball ..... 1 cr
Prereq: None. Freq: Occasionally.
Introduction to fundamental skills and the elements of position play.

117 Basketball ..... 1 cr
Prereq: None. Freq: Occasionally.
Practical experience in fundamentals and team play.

130 Relaxation ..... 1 cr
Prereq: None. Freq: Occasionally.
The purpose of this course is to provide the student with the necessary knowledge and the ability to recognize stressors and their effects on one's life, as well as the implementation of various relaxation techniques. Relaxation techniques including deep breathing, meditation, imagery and progressive relaxation are among those covered in the course.

131 Pilates and Fitness Yoga ..... 1 cr
Prereq: None. Freq: Occasionally.
Pilates is a type of movement system that uses a series of floor exercises to increase strength, flexibility, balance, stamina, and concentration while focusing on your center or core. Fitness Yoga is a program for a more powerful defined physique using traditional yoga asanas geared toward the athlete and fitness enthusiast.

132 Social Dance ..... 1 cr
Prereq: None. Freq: Occasionally.
Includes an array of social dances which best meet the modern dancing needs for current college students.

138 Jogging for Fun & Fitness ..... 1 cr
Prereq: None. Freq: Occasionally.
Teaches students proper running techniques, how to set up a personal fitness plan, how to assess one's cardiovascular fitness, and safety issues related to running. May be repeated for a maximum of 4 credit.

139 Disc Golf ..... 1 cr
Prereq: None. Freq: Occasionally.
To provide the student with the knowledge and skills needed to play disc golf. Students will also learn rules necessary to play at a competitive level.

141 Golf I ..... 1 cr
Prereq: None. Freq: Occasionally.
Fundamentals of golf: grip, stance, swing, rules and etiquette. Practice with all clubs with emphasis upon fundamental mechanics. Opportunity to develop skills on local golf courses.

142 Golf II ..... 1 cr
Prereq: HESM 141 or consent of instructor. Freq: Occasionally.
Continuation of Golf I. Advanced shots, playing, and planning all types of tournaments.

143 Step Aerobics I ..... 1 cr
Prereq: None. Freq: Occasionally.
Basic step aerobics fundamentals and medium impact levels of cardiovascular development.

144 Step Aerobics II ..... 1 cr
Prereq: HESM 143. Freq: Occasionally.
Advanced techniques in step aerobics to develop high-level skills and fitness.

149 Aerobics I ..... 1 cr
Prereq: None. Freq: Occasionally.
Provides a study of aerobic dance, exercise theory and techniques.

150 Aerobics II ..... 1 cr
Prereq: HESM 149 or consent of instructor. Freq: Occasionally.
Advanced techniques of aerobics including step aerobics designed to improve fitness levels and provide greater understanding of the values of exercise theory.

157 Karate I ..... 1 cr
Prereq: None. Freq: Occasionally.
Fundamentals of basic karate techniques. Emphasis placed on proper overall organization of hand and foot techniques, stances, posture, and physical principles of power.

158 Karate II ..... 1 cr
Prereq: HESM 157 or consent of instructor. Freq: Occasionally.
Intermediate study in the art of self-defense. Introduction to defense against an actual assailant and concentrated study of prearranged formal exercises.

159 Karate III ..... 1 cr
Prereq: HESM 158 or consent of instructor. Freq: Occasionally.
Advanced study in the art of self-defense. Instruction in defense against attacks with a weapon and multiple assailants. Combined physical psychological principles of power.

163 Yoga I ..... 1 cr
Prereq: None. Freq: Occasionally.
A study of the various yoga disciplines. Emphasis on the total health of a person through the discipline.

164 Yoga II ..... 1 cr
Prereq: HESM 163 or consent of instructor. Freq: Occasionally.
Lecture and instruction in fundamental yoga philosophy and in the physical exercises (asanas) as they involve both psychological and physiological processes. Students will gain a deeper understanding and appreciation of the principles of relaxation to enhance their well being.

169 Personal Defense ..... 1 cr
Prereq: None. Freq: Occasionally.
This is a practical basic course consisting of a small "repertoire" of defense actions, easy to learn and easy to remember. These simple actions can be combined and applied to most situations.

171 Fitness for Life ..... 1 cr
Prereq: HESM 270 Freq: Fall, Spring, Summer.
Implement your own fitness program utilizing the Wellness and Strength/Conditioning Centers on campus. Participants complete an organized fitness pre-assessment during the first week of class and a post-assessment during the last week of class with credit given for individual workouts throughout the semester. May be repeated for a maximum of 4 credits.

178 Cross Country Skiing ..... 1 cr
Prereq: None. Freq: Occasionally.
Fundamentals of skiing, including equipment, conditioning, and waxing with both recreational ski jogging and competitive running a part of the program.

179 Aerobic Walking ..... 1 cr
Prereq: None. Freq: Occasionally.
To learn and develop proper aerobic walking techniques and develop appropriate personal fitness benefits of walking. May be repeated for a maximum of 4 credits.

180 Soccer I ..... 1 cr
Prereq: None. Freq: Occasionally.
Practice in basic principles of soccer skills. Class is divided into groups for principles of team play and the use of these skills in game situations..

181 Soccer II ..... 1 cr
Prereq: HESM 180 or consent of instructor. Freq: Occasionally.
Advanced study and practice in the tactics, strategy and fitness of the game of soccer, with emphasis on theory rather than techniques.

182 Softball ..... 1 cr
Prereq: None. Freq: Fall.
Fundamentals of softball, position play stressed, offensive and defensive team play presented.

183 Cross Training I ..... 1 cr
Prereq: Consent of Instructor. Freq: Occasionally.
Designed for developing power and quickness for the athlete who participates in serious recreational leagues and amateur sports competition, combining plyometrics, agility, and speed training.

184 Cross Training II ..... 1 cr
Prereq: HESM 183 or consent of instructor. Freq: Occasionally.
Mid-level skill developmental in the areas of plyometrics, agility, and speed for the serious recreational and amateur sports competitor.

185 Cross Training III ..... 1 cr
Prereq: HESM 184 or consent of instructor. Freq: Occasionally.
Advanced skill development in the areas of plyometrics, agility, and speed for the serious competitor in amateur athletics.

186 Cross Training IV ..... 1 cr
Prereq: HESM 185 or consent of instructor. Freq: Occasionally.
High performance development in advanced skills of plyometrics, agility and speed for the serious competitor and amateur athlete.

188 Tennis I ..... 1 cr
Prereq: None. Freq: Occasionally.
Fundamentals of stroke technique through drills designed for all levels of ability, rules interpretation and match play.

189 Tennis II ..... 1 cr
Prereq: HESM 188 or consent of instructor. Freq: Occasionally.
Tennis II involves the intermediate strokes of competitive tennis. This course includes preparation for tournament play in both singles and doubles.

190 Special Topics ..... 1 cr
Prereq: None. Freq: Occasionally.
Selected activity courses will be examined.

192 Track and Field ..... 1 cr
Prereq: None. Freq: Occasionally.
Fundamentals of track and field events.

194 Volleyball ..... 1 cr
Prereq: None. Freq: Occasionally.
Fundamentals of technique, elements of attack and defense, rules interpretation, game strategy, officiating and skill testing.

195 Physical Education Workshop ..... 1-3 cr
Prereq: Consent of instructor. Freq: Occasionally.
Activities, models, methods, and instructional resources in physical education. Emphasis on participant involvement through individual/group experience, problem solving and expression.

196 Weight Training ..... 1 cr
Prereq: None. Freq: Occasionally.
Elementary weight training to introduce the student to a general program of the basic lifts, the muscle groups affected by these lifts, and procedures of safety factors and theory of weight training.

201 Community First Aid and Cardio Pulmonary Resuscitation ..... 1 cr
Prereq: None. Freq: Occasionally.
To train responders to recognize and care for non life-threatening emergencies and life-threatening respiratory or cardiac emergencies in adults, children and infants. Certifications include Standard First Aid and Adult, Children and Infant Cardio-Pulmonary Resuscitation and Automated External Defibrillation (CPR/AED).

210 Introduction to Health, Exercise Science and Sport Management ..... 3 cr
Prereq: None. Freq: Fall, Spring.
Provides an overview of the health, exercise science and sports industries. Emphasis will be placed on basic management principles and career opportunities.

211 Sport Safety Training and Automated External Defibrillation…… ..... 1 cr
Prereq: None. Freq: Fall, Spring.
Provide coaches with the knowledge and skills necessary to help provide a safe environment for athletes while they are practicing and competing. To sustain life until EMS personnel arrive. Upon successful completion certificates for CPR/FA and AED will be issued.

220 Advanced Issues in Sport Management ..... 3 cr
Prereq: At least sophomore standing, HESM 210 with a grade of C or better. Freq: Fall, Spring.
An intermediate course where greater disciplinary depth is explored with emphases on applied learning through project design, implementation, and analyses of sub-disciplinary topics. Combines classroom instruction with practical experiences in the field in order to better prepare students for working in today's industry.

232 Lifeguard Training..... 2 cr
Prereq:. Ability to swim 500 yeards continuously usiung the front crawl and breast stroke. Freq: Spring.
Develops lifeguard skills and knowledge needed to prevent and respond to aquatic emergencies. Upon successful completion American Red Cross certifications will be issued. Additional fees.

233 Water Safety Instructor ..... 2 cr
Prereq: Level 4 swimmer skills. Freq: Fall.
Students completing this course will be eligible to teach progressive swimming courses and four other certifying courses. Meets American Red Cross standards. One-hour lecture. Additional fees.

240 Ballet I..... 2 cr
Prereq: None. Freq: Occasionally.
Ballet I offers the student the opportunity to get in shape and achieve positive personal goals through the study of classical ballet technique, terminology and style.

241 Ballet II..... 2 cr
Prereq: HESM 240 or previous ballet dance training.
Freq: Occasionally.
A continuing study of ballet techniques, music and performance styles for dancers who have already experienced beginning ballet study.

242 Jazz Dance I..... 2 cr
Prereq: None. Freq: Occasionally.
Jazz Dance offers the opportunity to get in shape and achieve positive personal goals through the study of jazz dance, terminology and styles of dancing.

243 Jazz Dance II ..... 2 cr
Prereq: HESM 242 or consent of instructor. Freq: Occasionally.
Further study of jazz dance technique, terminology, style, musicality, and quality of motion. Includes the origin of jazz dance and the continuing evolution of this indigenous American art form.

250 Sport Safety Training for Coaches ..... 3 cr
Prereq: None. Freq: Fall.
Provides coaches with a knowledge and skills to help provide a safe environment for athletes while they are practicing, competing and recovering from injury. During this course students/coaches will learn basic taping techniques, concussion evaluations and injury management.

251-266 COACHING THEORY

251 Baseball ..... 2 cr
Prereq: HESM 115 or consent of instructor. Freq: Occasionally.
A study of the techniques necessary to organize, administer, and teach baseball for interscholastic competition. Two-hour lecture.

252 Basketball ..... 2 cr
Prereq: HESM 117 or consent of instructor.
Freq: Occasionally.
A study of the techniques necessary to organize, administer, and teach basketball for interscholastic competition. Two-hour lecture.

259 Soccer ..... 2 cr
Prereq: HESM 180 or consent of instructor. Freq: Occasionally.
A study of the techniques necessary to organize, administer, and teach soccer for interscholastic competition. Two-hour lecture.

260 Softball..... 2 cr
Prereq: HESM 182 or consent of instructor. Freq: Occasionally.
A study of the techniques necessary to organize, administer, and teach softball for interscholastic competition. Two-hour lecture.

264 Track and Field..... 2 cr
Prereq: HESM 192 or consent of instructor. Freq: Occasionally.
A study of the techniques necessary to organize, administer, and teach track and field for interscholastic competition. Two-hour lecture.

266 Volleyball..... 2 cr
Prereq: HESM 194 or consent of instructor. Freq: Occasionally.
A study of the techniques necessary to organize, administer, and teach volleyball for interscholastic competition. Two-hour lecture.

270 Lifetime Wellness..... 3 cr
Prereq: None. Freq: Fall, Spring, Summer.
Provide the necessary knowledge and skills to develop a personal fitness/wellness program and to achieve greater lifelong health and wellness. Participants complete an organized fitness pre-assessment during the first week of class and a post-assessment during the last week of class with credit given for individual workouts throughout the semester.

280 Sport and Fitness Nutrition ..... 3 cr
Prereq: None. Freq: Fall, Spring.
The goal of this course is to develop an understanding of the interaction of good nutrition and exercise habits. Focus on nutritional strategies to maximize energy to get the most out of exercise. The needs and responses of special populations to diet and exercise will also be considered.

282 Ethics and Issues in Sport Management ..... 3 cr
Prereq: None. Freq: Fall, Spring.
A study of ethical and behavioral issues as they relate to current issues and problems in sport management. Topics include college, youth and professional sport, academic standards, eligibility criteria, sportsmanship, gamesmanship, gambling, diversity, media, athletes as role models, and solving ethical dilemmas confronting professionals in sport management.

283 Orientation to Coaching..... 3 cr
Prereq: None. Freq: Spring.
Designed to introduce the student to the general techniques and responsibilities necessary for success in athletic coaching.

289 Special Topics in Sport Management .....1-3 cr
Prereq: Varies by topic. Freq: Occasionally.
Selected topics in sport management will be examined.

290 Special Topics in Health and Exercise Science .....1-3 cr
Prereq: Varies by topic. Freq: Occasionally.
Selected topics in health and exercise science will be examined.

300 Legal Issues in Sport and Fitness Management..... ..3 cr
Prereq: Junior/senior standing. Freq: Fall, Spring.
A presentation of the basic legal system, terminology and principles as applied to sport and fitness management. Emphasis is placed on identifying and analyzing legal issues, the ramification of those issues, and the means of limiting liability of sport and fitness organizations. Topics covered include negligence, risk management, and contract law.

301 Sport Conditioning Practice Design ..... 2 cr
Prereq: None. Freq: Yearly.
Designed to develop a general understanding of aerobic and anaerobic conditioning principles and techniques for developing agility, strength, and quickness. Includes practice design for peak performance. Emphasis on how to apply these principles and techniques in a practice setting.

310 Sports Industry Regulation ..... 3 cr
Prereq: Junior/Senior standing. Freq: Yearly.
An In-depth study of how professional and amateur sports organizations are governed and regulated. Topics include collective bargaining, commissioner/president powers, agent regulation and facility regulation.

321 Women's Health Issues ..... 3 cr
Prereq: Junior/senior standing. Freq: Occasionally.
This course will provide a comprehensive overview of critical, contemporary women's health topics and a framework for informed personal and social health decision-making. Topics include women's health, overview of definitions; health status and implications; nutrition and fitness; sexuality and reproductive health; violence in women's lives; health of women across the life span; chronic diseases; and substance use/abuse issues.

322 Advanced First Aid and Emergency Response ..... 3 cr
Prereq: None. Freq: Fall, Spring.
Provide knowledge and skills necessary to help sustain life, reduce pain and minimize the consequences of injury or sudden illness until help arrives. Students receive American Red Cross certification in adult CPR/AED and first aid. Additional fees.

330 Sport in Society ..... 3 cr
Prereq: Sophomore standing (minimum). Freq: Fall, Spring.
A survey of the past and present roles sport has played within our society including its impact on our educational system, the media, the family, and economic structures. Areas including heritage, social status, personality and race will be addressed. Cross-listed with SOCA 330.

335 Race, Ethnicity and Baseball in American Society ..... 3 cr
Prereq: Sophomore standing or consent of instructor.
Freq: Summer.
Examines the economic, political and social impact of the African American, Asian American, Latino American and Native American cultures on American society through the prism of the professional baseball industry.

339 Sustainable Sport Management ..... 3 cr
Prereq: At least sophomore standing. Freq: Occasionally.
A survey of sustainable business techniques employed by sports organizations in the areas of facility financing, facility development, marketing and event operations. Course will also examine how sports organizations employ marketing techniques focused on and including sustainable/green concepts.

340 Aging and Wellness ..... 3 cr
Prereq: HESM 270 or BIOS 109, or consent of instructor.
Freq: Occasionally.
This course addresses the health needs of an aging population covering the multifaceted dimensions of wellness during the aging process with focus on biological, psychological, social, and political factors. Emphasis will be placed on health promotion.

345 Prevention and Care of Athletic Injuries ..... 3 cr
Prereq: BIOS 105, 106 or BIOS 300, 341 with a grade of C or better in each course. Freq: Fall.
A study of the latest techniques in the prevention of injuries related to fitness, recreation and athletics. Areas covered will focus on injury evaluation and care, including conditioning, taping, wound care, therapeutic modalities, and rehabilitation exercises.

350 Research Methods in Exercise Science ..... 3 cr
Prereq: PSYC 250 or BIOS 210. Freq: Spring.
Addresses the major aspects of performing research in the broad area of exercise science. Topics include the scientific method, statistical analysis, research design, types of research and the publication process. Emphasizes data and methods commonly employed in exercise and sport science research.

353 Biomechanics ..... 4 cr
Prereq: BIOS 105, 106 or BIOS 300, 341; and MATH 111 with a grade of C or better in each course. Freq: Fall, Spring.
Examines human movement from anatomical and mechanical perspectives. Topics include fundamental biomechanical concepts, terminology, principles, and their application as they relate to sport and exercise. Three hour lecture; two hour lab.

354 Physiology of Exercise ..... 4 cr
Prereq: BIOS 105, 106 or BIOS 300, 341; and MATH 111 with a grade of C or better in each course. Freq: Fall, Spring.
A study of the physiological changes of the human body, during and after exercise, and their implications to human performance. Three hour lecture; two hour lab.

358 Sport and Fitness Psychology ..... 3 cr
Prereq: Junior/senior standing; PSYC 101 with a grade of C or better. Freq: Yearly.
Presents a theoretical overview of principles of sports, exercise, and rehabilitation psychology. Theoretical foundations are augmented with practical intervention skills, which can be applied in a wide variety of occupational situations.

360 Sports Media & Public Relations ..... 3 cr
Prereq: At least sophomore standing. Freq: Occasionally.
Examines how sports organizations interact with the media and fans/customers through various forms of electronic and social media. Activities include studying basic fundamentals and completing various exercises designed to give hands-on experiences in the areas of social media, media relations and public relations In the context of sport organizations.

365 Personal, School, and Community Health ..... 2 cr
Prereq: None. Freq: Occasionally.
Examines problem issues in health and hygiene. Discussion includes problems involving pollution, drugs, nutrition, disease, sanitation, and personal safety.

370 Event Management ..... 3 cr
Prereq: Junior/senior standing. Freq: Spring.
A study of the knowledge and skills necessary for an effective event manager. Topics include planning, conducting, staffing, financing and evaluating events. Students will be involved in the development of medical emergency, evacuation, crowd control, registration and risk management plans. Students will study theoretical concepts and have opportunities for practical application.

380 Facility Development and Management ..... 3 cr
Prereq: Junior/senior standing. Freq: Yearly.
A study of the planning, development, and management of sport and fitness facilities including standard setting, financial planning, architectural design, functional concerns, budget, and personnel management.

389 Special Topics in Sport Management ..... 1-3 cr
Prereq: Varies by topic. Freq: Occasionally.
Selected topics in sport management will be examined.

390 Special Topics in Health and Exercise Science ..... 1-3 cr
Prereq: Varies with topic. Freq: Occasionally.
Selected topics in health and exercise science will be examined.

410 Fitness Assessment and Prescription..... 3 cr
Prereq: HESM 353, 354. Freq: Fall.
Provides the knowledge and skills to access, analyze, and prescribe appropriate fitness and health behavior programs for a diverse population. Special focus will be on standards set forth by the American College of Sport Medicine.

415 Scientific Principles of Strength and Conditioning..... 4 cr
Prereq: HESM 353 with a grade of C or better. Freq: Fall.
Examines theoretical and applied aspects of strength and conditioning including exercise physiology, biomechanics, nutrition, sport psychology and training adaptations. Covers exercise technique, flexibility development, testing, resistance training program design, periodization, plyometrics, aerobic and anaerobic conditioning, and facilities and risk management. Required laboratory session.

420 Sport Business and Finance..... 3 cr
Prereq: Junior/senior standing. Freq: Fall.
A study of theory and applications in the fundamental -business practices as applied to sport management. Topics covered include revenue sources, budget development, ownership, taxation, financial analysis and economic impact studies.

425 Program Design and Exercise Techniques ..... 3 cr
Prereq: HESM 415. Freq: Spring.
Offers students advanced knowledge and practice in the two most important aspects of the strength and conditioning and related fitness professions, program design and exercise techniques. Students learn the principles underlying effective exercise program design for a variety of exercise modes and gain experience creating exercise programs.

430 Fitness Program Management..... 3 cr
Prereq: HESM 353, 354 and 410. Freq: Spring.
Utilizes theoretical consideratio.ns and practical applications for planning, developing and managing health and fitness organizations. Includes the management of personnel, the facility, marketing, and programming.

445 Therapeutic Exercise for Athletic Injuries…….....3 cr
Prereq: HESM 345. Freq: Spring.
Comprehensive approach to therapeutic exercises for treatment and rehabilitation of athletic injuries.

450 Sport and Fitness Marketing..... 3 cr
Prereq: Junior/senior standing. Freq: Fall, Spring.
A study of basic marketing concepts with application to sport and fitness organizations. Topics include promotions and public relations, sponsorship, endorsements, consumer demographics, consumer behavior and market research. Activities include the development of a promotion and a detailed marketing plan for a sport or fitness enterprise.

455 Sport Sales and Customer Service..... 3 cr
Prereq: Junior/senior standing. Freq: Yearly.
Explores basic sales and customer service concepts with application to sports organizations. Topics include sales techniques, prospect identification and customer service principles. Included is the development of detailed sales and customer service materials for a sports enterprise.

456 Athletic Fundraising ..... 3 cr
Prereq: Junior/Senior standing. Freq: Occasionally.
Examines the development of successful fundraising programs in intercollegiate athletic programs.

480 Senior Seminar in Sport Management..... 3 cr
Prereq: Accepted into Sport Management major with Senior standing. Freq: Fall, Spring.
A capstone experience for sport management majors in their last year. Course features review and discussion of current industry materials and topics. Students must also complete an individual research project focused on a current sport management topic that includes an in-class presentation.

489 Special Topics in Sport Management .....1-3 cr
Prereq: Varies by topic. Freq: Occasionally.
Selected topics in sport management will be examined.

490 Special Topics in Health and Exercise Science .....1-3 cr
Prereq: Varies by topic. Freq: Occasionally.
Selected topics in health and exercise science.

491 Varsity Sports Field Experience ..... 1 cr
Prereq: Open to all students by tryout; consent of instructor. Freq: Fall, Spring.
Advanced training in techniques through participation in the varsity athletic program for both men and women. A maximum of four credits may be applied to the graduation requirement.

494 Internship.....1-3 cr
Prereq: Consent of instructor. Freq: Fall, Spring, Summer.
Practical application of the methods and techniques in various sport and fitness fields. Under guidance of a supervising instructor. May be repeated for a maximum of 6 credits.

495 Fieldwork in Sport Management.....1-9 cr
Prereq: Accepted Sport Management major with a minimum major GPA of 2.5. A minimum of 3 credits are required to be completed in the student's last year of course work. Freq: Fall, Spring, Summer.
A supervised field-based sport management experience in the conditions, practices, and environmental settings where intended vocational roles are conducted. Requires placement approval by HESM academic adviser or faculty member.

498 Fieldwork in Exercise Science .....1-12 cr
Prereq: Accepted exercise science major with a minimum major GPA of 2.75. A minimum of 3 credits are required to be completed in the student's last semester of course work. Freq: Fall, Spring, Summer.
A supervised field-based fitness management experience in the conditions, practices, and environmental settings where intended vocational roles are conducted. Requires placement approval by department.

499 Independent Study .....1-3 cr
Prereq: Consent of instructor and department chair.
Freq: Fall, Spring, Summer.
Independent work in specific areas under HESM faculty supervision.

HEALTH INFORMATION MANAGEMENT AND TECHNOLOGY

Degree Offered:
Bachelor of Science

Academic Program Directors:
Edward Wallen, Ph.D., Bryan Lewis, Ph.D.

Professors:
Chalasani, Ph.D.

Associate Professor:
Barber, Ph.D.

Additional Faculty from UW-Parkside, UW-Green Bay, UW-La Crosse and UW-Stevens Point

Website:
http://himt.wisconsin.edu

Program Overview

The bachelor of science in health information management and technology (HIMT) is a collaborative, online program designed to provide students with the knowledge and competencies required to meet the growing need for professionals to work in this rapidly expanding and evolving area of healthcare. The degree program focuses on the information sector of the healthcare industry because it is one of the fastest growing and evolving segments of the industry. The new advances in health-related technologies, patient records, etc., bring with them new regulations and new concerns for privacy and security. Highly skilled professionals are needed to manage this area, and graduates of the HIMT degree program will be very well positioned to meet that need. The online program is designed to meet the needs of adult learners.

The HIMT degree program will prepare knowledgeable and skillful professionals to assume leadership positions within the public and private sectors. Within organizations, a HIMT professional will be able to manage and administer health-information technologies that span across divisions, departments, and businesses.

Program-Level Outcomes

Graduates of the HIMT degree program will be able to:

1. Demonstrate knowledge of healthcare billing, coding and reimbursement policies
2. Demonstrate knowledge of healthcare terminology and medical conditions
3. Demonstrate knowledge of dynamic healthcare delivery systems and regulatory environments
4. Apply principles of healthcare privacy, confidentiality, legal, ethical issues and data security
5. Apply critical and creative thinking, problem solving, and effective inter-professional communication skills related to health information management
6. Evaluate, use, and integrate information technology to support medical decision making and processes
7. Apply quantitative methodologies to process healthcare information
8. Demonstrate through the healthcare management track the principles of leadership and management in the HIMT environment

   OR

   Demonstrate through the healthcare technology track the application of information technology in the HIMT environment

This program offers courses in conjunction with three partner campuses – UW-Green Bay, UW-La Crosse and UW-Stevens Point.

Requirements for Admission to the Health Information Management and Technology Major

Students are eligible for admission to this program once they have earned 60 credits of college work through an associate's degree from an accredited institution or 60 equivalent credits of course work. Students must also have completed the following prerequisite courses: college algebra, introductory biology and introductory communications with grades of C or better.

Requirements for the Health Information Management and Technology Major (60 credits)

To complete the degree program, students must successfully complete all of UW-Parkside's graduation requirements including the general education, ethnic diversity and foreign language requirements. Students admitted to the program will take 48 credits of core courses and 12 credits in either management or healthcare technology designed to prepare them for the HIMT field and further focus their knowledge in one of these areas of specialization. Course work will culminate in a capstone course, where students will complete an HIMT project in a field setting.

A. Core Courses (48 credits)

HIMT 300	Survey of Contemporary Computing	3 cr
HIMT 310	Healthcare Systems and Organizations	3 cr
HIMT 320	Survey of Information Technology in Healthcare	3 cr
HIMT 330	Healthcare I: Terminology and Body Systems	3 cr
HIMT 340	Ethical Issues, Security Management and Compliance	3 cr
HIMT 350	Statistics for Healthcare	3 cr
HIMT 360	Healthcare II: Survey of Disease and Treatments	3 cr
HIMT 370	Healthcare Systems: Analysis and Design	3 cr
HIMT 380	Healthcare Billing, Coding and Reimbursement	3 cr
HIMT 400	Healthcare Information and Technology – Data	3 cr
HIMT 410	Healthcare Systems: Implementation and Integration	3 cr
HIMT 420	Healthcare Systems: Project Management	3 cr
HIMT 430	Quality Assessment and Improvement	3 cr
HIMT 440	Group Processes, Team Building and Leadership	3 cr
HIMT 450	Healthcare Information and Technology-Standards	3 cr
HIMT 490	Capstone Project	3 cr

B. Major Elective Courses (12 credits)

Choose one group of courses.

Healthcare Management Track (12 credits)

HIMT 355	Principles of Management for HIMT Professionals	3 cr
HIMT 365	Healthcare Economics	3 cr
HIMT 415	Human Resource Management in Healthcare	3 cr
HIMT 445	Application of Leadership and Management in Healthcare Technology	3 cr

OR

Healthcare Technology Track (12 credits)

HIMT 345	Programming and Software Development	3 cr
HIMT 375	Database Structures and Management Systems	3 cr
HIMT 425	Data Warehousing and Mining	3 cr
HIMT 435	Data Communications and Networks in Healthcare	3 cr

To complete the major, students are required to complete the core 16 courses and 4 courses in one of the tracks available for a total of 20 courses (60 credits). Because these courses are designed specifically for this degree, are online, and include a focus on health information management and technology, these courses do not duplicate courses already available at the partner campuses.

Courses in Health Information Management and Technology (HIMT)

300 Survey of Contemporary Computing. 3 cr
Prereq: None. Freq: Fall, Spring, Summer.
Provides a basic overview of contemporary information technology and computers. Topics include computer concepts (e.g., hardware, system architectures, operating systems), communication technologies, Internet technologies, and data organization/structures. Special emphasis placed on database management systems and data warehousing.

310 Healthcare Systems and Organizations. 3 cr
Prereq: None. Freq: Fall, Spring, Summer.
Provides an overview of how healthcare and public health are organized and how their services are delivered in the United States. Topics to be covered include public policy (including U.S. health reform initiatives); organization of healthcare systems; components and operation of healthcare organizations including e-health delivery; professional roles and accreditation; legal and regulatory issues including licensure requirements.

320 Survey of Information Technology in Healthcare . 3 cr
Prereq: None. Freq: Fall, Spring, Summer.
Surveys essential healthcare information technologies that are used for healthcare information systems. Popular healthcare information systems include electronic medical record systems that keep record of patients' history: the computerized provider order entry systems that record the history of the procurement of medicine and other medical necessaries; telemedicine, which keeps information for medical doctors in the computers; telehealth e-prescribing, which prescribes the medicine electronically; medication administration, which keeps the information for medical doctors and other hospital staff members; and nursing and ancillary service systems.

330 Healthcare I: Terminology and Body Systems . 3 cr
Prereq: UW Colleges BIO 101 or equivalent (approved as None 10/2011 check files). Freq: Fall, Spring, Summer.
Examines specific terminology and vocabulary used by workers in healthcare and public health. The focus of this course is on medical terminology that broadly relates to human anatomy and physiology, body systems and diagnosis. The bases of medical terms will be examined – such as prefixes, suffixes, roots, and combined forms. Topics will also include healthcare taxonomies and nomenclatures (ICD-9-CM, ICD-10, etc.).

340 Ethical Issues, Security Management and Compliance..... 3 cr
Prereq: None. Freq: Fall, Spring, Summer.
Introduces three broad subjects: (1) evidence-based medical ethics pertaining to healthcare information management; (2) framework of healthcare information security management, including security principles, policies and procedures, security management models, risk assessment, and protection mechanisms; (3) healthcare regulations and compliance with focuses on the legislative systems, policies, and legal environment of healthcare in the U.S. and the existing health information laws, regulations, and standards. Also addressed are the elements and development of compliance programs.

345 Programming and Software Development ..... 3 cr
Prereq: HIMT 300 or concurrent enrollment. Freq: Fall, Spring, Summer.
Introduction to object-oriented programming paradigm, object-oriented systems analysis and design, fundamental data structures, and n-tier software design. Examination of the role of each in the software development process.

350 Statistics for Healthcare..... 3 cr
Prereq: UW Colleges MAT 105 or equivalent. Freq: Fall, Spring, Summer.
This is an introductory course in statistical methods for the health sciences. The course will emphasize the principles of statistical reasoning, underlying assumptions, hypothesis testing, and careful interpretation of results. Some topics covered: major study designs, descriptive statistics, graphical displays of data, probability, confidence intervals and tests for means, differences of means, sample size and power, differences of proportions, chi-square tests for categorical variables, regression, multiple regression, and non-parametric statistics.

355 Principles of Management for HIMT Professionals..... 3 cr
Prereq: None. Freq: Fall, Spring, Summer.
Provides an overview of basic principles involved in management and communication. Topics include basic management principles, communication skills, interpersonal communication competence, negotiation technique, team/consensus building, professional development, and problem solving/decision-making processes.

360 Healthcare II: Survey of Disease and Treatments..... 3 cr
Prereq: HIMT 330. Freq: Fall, Spring, Summer.
This course further investigates the topics covered in HIMT 330. On the basis of each body system, the course will further expand into the topics of human disease, human health issues, and classification of disease/health issues. Diagnostics, treatment and clinical procedures that are currently in practice. In addition, the course will incorporate pharmacotherapeutic concepts (drugs and therapies to treat/prevent/control human disease/health issues), investigating the variety of drugs used for disease treatment for each body system. This will include the current biologicals that are used for treatment. Topics will include how the drugs and biologicals work, their limitations, and the current diversity of available drugs and biologicals.

365 Healthcare Economics..... 3 cr
Prereq: None. Freq: Fall, Spring, Summer.
Applications of microeconomic theory to analyze the behavior of health and health care markets. Topics will include: supply and demand of health care services, private health insurance markets, government provision of health care services and health insurance, and health care policy.

370 Healthcare Systems: Analysis and Design..... 3 cr
Prereq: HIMT 300. Freq: Fall, Spring, Summer.
This is the first course in a two-course sequence that addresses methods and techniques of healthcare information system analysis and design as performed within the system development life cycle. Included will be techniques for problem definition, requirements gathering, analysis, logical design, and selection and evaluation of alternative healthcare information systems solutions from the point of view of the health provider and user. An emphasis is placed on analysis, selection, and evaluation of information systems as they relate to healthcare.

375 Database Structures and Management Systems..... 3 cr
Prereq: HIMT 345. Freq: Fall, Spring, Summer.
Analyze and design databases to support computer-based information systems. Develop and implement relational database management systems using SQL. Topics include: data modeling techniques such as entity-relationship modeling, extended entity-relationship modeling, database constraints, database normalization techniques, and basic and advanced features of database query language SQL, etc.

380 Healthcare Billing, Coding, and Reimbursement..... 3 cr
Prereq: HIMT 330, 360. Freq: Fall, Spring, Summer.
Examines the coding and reimbursement connection; topics include managed care plans, prospective payment systems, Medicare-Medicaid reimbursement, Resource-Based Relative Value Scale, case mix management, and revenue cycle management.

399 Special Topics in Health Information Management and Technology..... .3 cr
Prereq: Consent of instructor. Freq: Fall, Spring, Summer.
Examines a specific topic within health information technology for seminar or independent study.

400 Healthcare Information and Technology-Data..... 3 cr
Prereq: HIMT 360. Freq: Fall, Spring, Summer.
Explores the sources and data contents of healthcare information as well as the proper presentation of it for different usage levels. Topic addressed include: (1) data structure and use of health information (individual, comparative, and aggregate), (2) type and content of health record, (3) data quality assessment, (4) secondary data sources , (5) healthcare data sets, (6) health information archival systems, and (7) National Healthcare Information Infrastructure (NHII). The course will also cover topics in bioinformatics.

410 Healthcare Systems: Implementation and Integration..... 3 cr
Prereq: HIMT 300, 370. Freq: Fall, Spring, Summer.
Covers the back-end stages of healthcare systems development lifecycle through the procurement route: development of technical design specifications, procurement procedures (RFP, RFQ, vendor evaluation and selection, and contracting), systems configuration and integration, installation, conversion, operation, and maintenance. Pre-installation testing and post-conversion auditing and monitoring will be emphasized to address the upcoming requirements of federal certification of EHR systems.

415 Human Resource Management in Healthcare..... 3 cr
Prereq: None. Freq: Fall, Spring, Summer.
Examines the role of HIM staff in managing human resources to facilitate staff recruitment, retention and supervision.

420 Healthcare Systems: Project Management..... 3 cr
Prereq: None. Freq: Fall, Spring, Summer.
Addresses the phenomenal impact information system (IS) projects have had on healthcare delivery. Students learn how healthcare IS projects affect organizations, doctors, patients, and chronic-illness treatments, as well as individuals interested in managing their own healthcare. Concepts and tools for effective healthcare IS project management, process re-engineering and work redesign are introduced. The purpose of this course is to expose students to IS project management activities in healthcare settings. Topics covered include recent healthcare IS project trends, budgeting, scheduling, resource management, scope, risk analysis, and deployment controls. The genesis of healthcare project management is covered using specific cases and examples.

425 Data Warehousing and Mining..... 3 cr
Prereq: HIMT 375. Freq: Fall, Spring, Summer.
Examine the concept of the data warehouse and its effectiveness in supporting strategic decision making. Address the process of creating data warehouse/data-mart solutions from the identification of the enterprise informational and analytical needs to producing business intelligence by extracting information from the data warehouse by using data mining methods and models.

430 Quality Assessment and Improvement ..... 3 cr
Prereq: HIMT 350. Freq: Fall, Spring, Summer.
Examines the quality assessment and quality improvement cycle (plan, do, check, act) and the role of the HIT/HIM in the process. Tools used in quality and risk management processes will be examined.

435 Data Communications and Networks in Healthcare ..... 3 cr
Prereq: HIMT 300. Freq: Fall, Spring, Summer.
Provides fundamentals of data communications and networking techniques, and examines the linkage of information technology strategies and technological solutions enabling effective communication within and between healthcare organizations. Major topics include fundamental concepts of data communications and applications, network communication devices, basic technologies of the local area network, wireless local area network, wide area network, internet and the Web, the OSI stack, healthcare information systems standards, and the HIE, RHIN, and NHIN.

440 Group Processes, Team Building and Leadership ..... 3 cr
Prereq: HIMT 355. Freq: Fall, Spring, Summer.
Introduces students to the necessary group/team processes that are at the root of building, developing, and maintaining medical/healthcare work teams and the effective functioning of such teams. The course also provides an overview of leadership development techniques. Also included is a focus on the uses of various communication technologies in the team building and functioning processes.

445 Application of Leadership and Management in Healthcare Technology ..... 3 cr
Prereq: HIMT 355, 365, 415. Freq: Fall, Spring, Summer.
Assimilates and integrates concepts and applications of management and leadership in healthcare, advancing on the topics covered in HIMT 355, 365, and 415. Topics will include strategic leadership concepts, exploring key factors that impact management and planning, change management, and critical organizational behaviors for leadership and management, focusing on best practices, organizational accountability, and assessment models.

450 Healthcare Information and Technology – Standards ..... 3 cr
Prereq: HIMT 400. Freq: Fall, Spring, Summer.
Introduces healthcare information technology standards, including standards and regulations for documentation, and will cover health information standards. The course will also investigate software applications and enterprise architecture in healthcare and public health organizations.

490 Capstone Project ..... 3 cr
Prereq: Senior status and consent of instructor. Freq: Fall, Spring, Summer.
This course is the capstone course for both tracks of the degree program. Students are required to find an internship site that is related to healthcare and set up a semester-long project from which they can gain hands-on experience in the areas of their concentration. Project setup will be jointly done by the student, site sponsor, and the faculty of this course, whereas internship supervision will be performed by the project supervisor and the course instructor.

499 Special Topics in Health Information Management and Technology ..... 3 cr
Prereq: Senior Status and Consent of instructor. Freq: Fall, Spring, Summer.
Examines specific topic within Health Information Technology for seminar or independent study.

HISTORY

Molinaro 367 • 262-595-2316

Degree Offered:
Bachelor of Arts.

Associate Professors:
Alexander, Ph.D.; Moats Ph.D.; Schmitt Ph.D.

Assistant Professors:
Brownson, Ph.D.; Bruce, Ph.D.

Professional Accreditations or Memberships:
American Historical Association.

Student Organizations/Clubs:
History Club; Phi Alpha Theta, the National History Honor Society.

Career Possibilities:
The study of history prepares students for careers in teaching, research, archival work, corporate communications, public service, administration, law, journalism, marketing, editing and publishing, and any other field where the ability to read, write, think, analyze, synthesize, and interpret information is a prerequisite.

Department Overview

History is the intellectual discipline that describes, reconstructs, and interprets the human past in order to inform our sense of the present. It provides students with the skills and perspectives necessary to integrate a significant body of knowledge over time and across disciplinary lines, to think critically, and to assess the interaction between continuity and change. UW-Parkside's history faculty all hold doctorates from distinguished universities and are highly productive scholars as well as experienced, expert and well-regarded teachers. The history curriculum is a healthy blend of traditional and innovative courses and provides students with the opportunity for both breadth and depth of study.

Program Level Outcomes

1. Master a rich body of historical knowledge. Students will learn to recognize, understand, discuss, and debate key historical events, issues, and ideas.
2. Become skilled researchers. Students will learn to locate and work with a wide variety of historical sources and source-formats, including online resource databases and digital media, and to analyze them in support of their own claims about the past.
3. Become critical, analytical readers. Students will learn to read historical sources and digest their meanings, themes, arguments, and conclusions, and to recognize subjective challenges present in those sources, such as bias and ambiguity.
4. Become skilled writers and communicators. Students will learn to write about and discuss their findings and claims clearly, concisely, and effectively, and to document their claims and sources accurately with correct scholarly apparatus.
5. Become critical, global thinkers. Students will learn to understand and to articulate the value of ethnic and cultural diversity to the study of history and the important perspectives that they provide.

Preparation for Graduate and Professional Programs

A major in history provides excellent preparation for the pursuit of advanced degrees in history, law, journalism, library science, and related professions. Students interested in pursuing graduate study in history are encouraged to join the History Club and Phi Alpha Theta and to take more than the minimally required number of credits for the major.

Internships

The internship, available under HIST 494, provides opportunities for research and administrative work at university and non-university agencies and offices, such as state, county and city historical societies and historical museums, galleries, archives, and so on. For-credit internship projects are agreed upon by the student, the instructor of record, and the site supervisor. Consult the department chair for further information.

Requirements for the History Major (39 credits)

The major in history consists of a minimum of 39 credits. At least 15 credits of upper-level courses in the major must be completed at UW-Parkside.

A. Required Courses (21 credits)

HIST 101	The United States, Origins to Reconstruction	3 cr
HIST 102	The United States, Reconstruction to Recent Times	3 cr

HIST 118	Western Civilization I: From Antiquity to 1300	3 cr
OR		
HIST 126	World History I: From Antiquity to 1300	3 cr
HIST 119	Western Civilization II: The Middle Ages to 1815	3 cr
OR		
HIST 127	World History II: From 1300 to 1800	3 cr
HIST 120	Western Civilization III: From 1815 to the Present	3 cr
OR		
HIST 128	World History III: From 1800 to the Present	3 cr
HIST 250	Sources and Methods in History	3 cr
HIST 350	Historiography and Great Historians	3 cr

B. Elective Courses (18 credits)

Fifteen credits at the 300-400 level. At least 3 of the 15 credits at the 300-400 level must be taken in a non-Western area, e.g. Africa, Asia, Middle East.

Three additional credits at any level.

Requirements for the History Minor (18 credits)

A. Required Courses (6 credits)

Choose two:

HIST 101	The United States, Origins to Reconstruction	3 cr
HIST 102	The United States, Reconstruction to Recent Times	3 cr
HIST 118	Western Civilization I: From Antiquity to 1300	3 cr
HIST 119	Western Civilization II: The Middle Ages to 1815	3 cr
HIST 120	Western Civilization III: From 1815 to the Present	3 cr
HIST 126	World History I: From Antiquity to 1300	3 cr
HIST 127	World History II: From 1300 to 1800	3 cr
HIST 128	World History III: From 1800 to the Present	3 cr
HIST 250	Sources and Methods in History	3 cr

B. Electives Courses (12 credits)

Courses numbered 200 and above, of which at least 6 credits must be at the 300 or 400 level.

Courses in History (HIST)

101 The United States, Origins to Reconstruction ..... 3 cr
Prereq: None. Freq: Fall, Spring, Summer.
Analyzes the social, economic, ethnic, cultural and political development of the United States from its Native American origins to the end of post-Civil War Reconstruction.

102 The United States, Reconstruction to Recent Times ..... 3 cr
Prereq: None. Freq: Fall, Spring, Summer.
Analyzes the historical development of the United States from the end of Reconstruction to the recent past, with emphasis on its emergence as a modern industrial society and a world power.

103 Introduction to Asia ..... 3 cr
Prereq: None. Freq: Spring.
Covers the social, cultural, economic, religious, literary, and political aspects of life in all regions of Asia, including China, India, Japan, Southeast Asia, and their neighboring countries. Cross-listed with INTS 103.

118 Western Civilization I: From Antiquity to 1300..... 3 cr
Prereq: None. Freq: Fall.
Western civilization began with the written records of the Mesopotamians. It was shaped by the religious influences of the Egyptians and Hebrews, the democratic and legal ideas of the Greeks and Romans, the early conflicts between Christianity and Islam, and the birth of early Europe. This course examines the political, social, and cultural beginnings of the Western world, and how these developments continue to impact us today.

119 Western Civilization II: The Middle Ages to 1815…..... 3 cr
Prereq: None. Freq: Spring.
In 1300, Europeans experienced one of the highest standards of living ever known, but it would not last. Famines, plagues, and warfare challenged them politically, socially, and intellectually. The resulting changes led to the Renaissance, the Reformation, the Enlightenment, and the French Revolution. This course examines these changes, their causes, and how they came together to influence the modern world.

120 Western Civilization III: From 1815 to the Present…. ..... 3 cr
Prereq: None. Freq: Fall.
Post-Napoleonic Europe embodied notions of moral and social improvement, ideas that were compatible with industrialization, nationalism, and political change. The struggle for cultural dominance led to a scramble for colonization, two global conflicts and the Cold War. This course examines the last two centuries of Western history, beginning with the idealism of the Congress of Vienna in 1815 to a more pragmatic modern day.

126 World History I: From Antiquity to 1300 ..... 3 cr
Prereq: None. Freq: Spring.
Explores the rise of ancient civilizations in Mesopotamia, Egypt under the Pharaohs, China through the Tang dynasty, and the Indus River Valley. Topics include major archaeological discoveries, the rise of the Persian Empire and its conquest by Alexander the Great, the many innovations of Classical Greece and Rome, and the origins of modern world religions.

127 World History II: From 1300 to 1800..... 3 cr
Prereq: None. Freq: Fall.
Surveys the rapid expansion of the Mongol Empire before and after Genghis Khan, the growth of the Ottoman Empire, China from the Song to the Qing dynasty, and the steady rise of European colonial power around the globe. Topics include the Black Death, the Spanish conquest of the Aztec world, and the Atlantic Slave Trade.

128 World History III: From 1800 to the Present..... 3 cr
Prereq: None. Freq: Fall, Spring, Summer.
Considers the roles of technology, imperialism, and ideology in this era of unprecedented global conflict and rapid social change. Topics include the decline of European colonial empires, the consequences of two World Wars, the impact of Nazism and the Holocaust, and the steady progress made by women in social and political arenas.

180 Popular Culture ..... 3 cr
Prereq: None. Freq: Occasionally.
History of different forms of popular cultural expression in music, literature, film, magazines, art, etc. Topics may vary for different Western and non-Western societies. May be repeated for credit with different topics.

213 Religion in America..... 3 cr
Prereq: ENGL 101. Freq: Occasionally.
A survey of the religious experience in America from colonial times to the present. Includes consideration of the relationship of religion to ethnicity and the role of religion in American politics.

236 Women in Modern Society..... 3 cr
Prereq: ENGL 101. Freq: Occasionally.
Surveys the social and demographic patterns of pre-industrial society; focuses on the role of women in modern, industrial society. Topics include working-class women, middle class and modernization reform movements; feminism, suffrage, socialism, women in the era of the world wars, and the contemporary women's movement. Cross-listed with WGSS 236.

247 Evolution of Latin America ..... 3 cr
Prereq: ENGL 101. Freq: Fall.
Broad topical survey of Latin America from pre-Columbian civilizations to the present.

250 Sources and Methods in History ..... 3 cr
Prereq: Completion of at least two of the following with a C or better: HIST 101, 102, 118, 119, 120, 126, 127, 128. Freq: Fall.
Familiarizes students with ways of studying history, basics of historical methods in research and writing, mechanics of archival and library research, oral history, and the role of historians in contemporary society.

260 International Conflict..... 3 cr
Prereq: ENGL 101 and one 100-level HIST course.
Freq: Occasionally.
Focuses on the conflict generated by modernization, industrialization, the search for colonies and nationalism. Topics vary and course may be repeated for credit with different content.

268 Introduction to Holocaust Studies ..... 3 cr
Prereq: English 101 with grade of C- or better or consent of instructor. Freq: Yearly.
Overview of historical, philosophical and other issues surrounding the Holocaust, using texts by those who experienced the Holocaust. Cross-listed with ENGL 268/INTS 268.

290 Special Topics in History .....1-4 cr
Prereq: ENGL 101 and one 100-level HIST course.
Freq: Occasionally.
Selected topics in history will be examined.

291 Topics in Multicultural History ..... 3 cr
Prereq: ENGL 101 and one 100-level HIST course.
Freq: Occasionally.
Selected topics in multicultural American history will be examined. May be repeated for credit with different content.

301 Race/Ethnicity: United States of America 1492-1890 ..... 3 cr
Prereq: HIST 250 or consent of instructor. Freq: Occasionally.
Examines the historical evolution of the American people and culture resulting from the interaction among diverse ethnic elements from initial contacts to the closing of the frontier. Explores the concept of ethnicity and its relationship to socioeconomic, political and diplomatic developments.

302 Race/Ethnicity: United States of America 1890 to the Present..... 3 cr
Prereq: HIST 250 or consent of instructor.
Freq: Spring (even years).
Examines the continuing evolution of the United States into "an American kaleidoscope" during the 20th century. Tests the various concepts and models of ethno-cultural interaction against the complexity and diversity of historical development during a century of rapid, massive change. Cross-listed with ETHN 302.

307 History of Wisconsin..... 3 cr
Prereq: HIST 250 or consent of instructor. Freq: Occasionally.
The transformation of Wisconsin from an agrarian territory to an urban, industrial, ethnically diverse state. Uses the facilities of the Area Research Center and the State Historical Society, and examines oral history.

313 Colonialism ..... 3 cr
Prereq: HIST 250 or consent of instructor. Freq: Spring.
Examines the causes and consequences of European and American colonial expansion in Africa, Asia, and Latin America, focusing on the 19th and 20th centuries, with attention to the experiences of both colonized and colonizers.

315 History of the Modern Middle East..... 3 cr
Prereq: HIST 250 or consent of instructor. Freq: Fall.
Examines the historical context of and underlying reasons for the current challenges facing the Middle East today. Topics include Egypt from Muhammad Ali through the Arab Spring, Qajar Iran through the Islamic Republic, the Israeli-Palestinian Conflict, and Western interventions in the region, including the most recent U.S. wars.

317 History of North Africa..... 3 cr
Prereq: HIST 250 or consent of instructor. Freq: Occasionally.
History of North African societies, with a focus on indigenous inhabitants, from prehistory to the present. Impact of various incursions, including Phoenicians, Romans, Arab Muslims, and European colonialism; local resistance to political and military domination; evolution of gender relations and other social structures; nationalist movements; effects of globalization on the region.

318 History of Islam..... 3 cr
Prereq: HIST 250 or consent of instructor. Freq: Spring (even years).
Examines the history of Islam from its origins in seventh-century Arabia to becoming the world's second largest religion today. It covers the life of Muhammad, the Sunni-Shi'a split, the status of women and gender debates in Islam, the major Islamic empires, Islamic modernists, Islamists, and extremists.

319 Arab-Israeli Conflict ..... 3 cr
Prereq: HIST 250 or consent of instructor. Freq: Spring (odd years).
Explores the complexities of the Arab-Israeli Conflict, as well as the social histories of Palestinians and Israelis as real people with everyday lives and concerns.

320 Germany 1815 to the Present..... 3 cr
Prereq: HIST 250 or consent of instructor. Freq: Occasionally..
Examines the failure of liberalism, triumph of political and social reaction, World War I, the fascist response to political defeat and social modernization, World War II and the postwar era, German reunification.

324 History of American Politics..... 3 cr
Prereq: HIST 250 or consent of instructor. Freq: Occasionally.
Interdisciplinary course in the development of the American political system from colonial times to the present, utilizing concepts of history, political science and sociology. Emphasis on the causes and nature of political change.

325 Mayhem and the Metropolis ..... 3 cr
Prereq: ENGL 101 and HIST 250 or consent of instructor.
Freq: Occasionally.
Explores the rise and social development of selected large cities, with an emphasis on the crime, poverty, and social upheaval that resulted from their rapid growth. This is not a course on forensics or crime-solving, but rather a look at selected individuals and their offenses by examining the urban environment that helped create them.

327 History of Britain I: To 1603 ..... 3 cr
Prereq: ENGL 101 and HIST 250 or consent of instructor. Freq: Fall.
A survey of British social and political developments, beginning with the arrival of the Romans in 55 BC and continuing through to the death of Elizabeth I in 1603. While the primary emphasis will be on England, the course will touch on all the regions that form the United Kingdom.

328 History of Britain II: 1603 to Present..... 3 cr
Prereq: ENGL 101 and HIST 250 or consent of instructor. Freq: Spring.
Examines British social and political developments, beginning with the Stuart Dynasty through to the present. Focus includes such topics as the English Civil War, the Industrial Revolution, Britain and Abolitionism, Colonialism, and the rise and fall of the British Empire.

330 The Evolution of Pre-Modern Russia ..... 3 cr
Prereq: HIST 250 or consent of instructor. Freq: Occasionally.
Russia in the heyday of serfdom, responses to industrialization, intensified contact with the West, and demand for modernization through the revolutions of 1917.

331 History of Soviet Russia, 1917 to the Present..... 3 cr
Prereq: HIST 250 or consent of instructor. Freq: Occasionally.
The modern political, cultural and economic systems created in Russia since 1917.

333 Contemporary American Immigration ..... 3 cr
Prereq: None. Freq: Occasionally.
Examines the global economic, social, and political forces that have shaped immigration to the United States since the passage of the Immigration Nationality Act of 1965 and the ways in which immigration is changing the nation and the world. Includes models of assimilation, political -participation, and psychological and cultural considerations. Cross-listed with ETHN 333.

335 Native American History..... 3 cr
Prereq: HIST 101 and HIST 250, or consent of instructor. Freq: Occasionally.
An in-depth examination of the major themes of Native American history, beginning with the period before European contact and ending with the current emphasis on tribal self determination. Topics to be discussed include the devastating effects of colonization on Native Americans, and the contradictory federal policies of removal, reservations, and allotment/assimilation.

336 Poverty in American History..... 3 cr
Prereq: HIST 101 or 102; and 250. Freq: Occasionally.
An exploration of the problem of poverty in American history, with particular attention to the experiences of poor Americans, the evolution of explanations of poverty, and the range of ways Americans have confronted the issue. A community-based learning component is central to the course.

337 African-American History..... 3 cr
Prereq: HIST 101 or 102. Freq: Spring (odd years).
Examines the experience of African Americans from colonial times to the present, with emphasis on their evolution as an ethnic group and on their struggle for equality. Cross-listed with ETHN 337.

339 American Colonial History..... 3 cr
Prereq: HIST 101, and HIST 250 or consent of instructor. Freq: Spring (odd years).
An examination of the European exploration and colonization of North America, including interactions with native populations culminating with the American Revolution.

340 Early American Republic ..... 3 cr
Prereq: HIST 101, and HIST 250 or consent of instructor. Freq: Fall (odd years).
Traces the political, cultural and social development of the United States from the American Revolution to the antebellum period.

341 The Urbanization of the United States ..... 3 cr
Prereq: HIST 250 or consent of instructor. Freq: Occasionally.
Analyzes the evolution of urban places and cities in the United States from a network of tiny colonial outposts to a complex system of consolidated metropolitan statistical areas, as well as the impact that the historical process of urbanization has had upon other aspects of national development.

342 The American Civil War..... 3 cr
Prereq: HIST 250 or consent of instructor. Freq: Spring (even years).
Examines the origins and outcomes of the United States' bloodiest conflict, including slavery, westward expansion, and Reconstruction.

344 Gilded Age and Progressive Era, 1877-1917..... 3 cr
Prereq: HIST 250 or consent of instructor. Freq: Fall (even years).
Explores the emergence of the United States as a modern, urban, industrial, multiethnic world power between the end of Reconstruction and American entry into World War I. Stresses the many efforts to reform various aspects of life during the Populist and Progressive eras.

345 America in Power and Peril 1917-1953 ..... 3 cr
Prereq: HIST 250 or consent of instructor. Freq: Fall (even years).
A survey of the nation's experience as an emergent global power along with the effects of waxing and waning domestic prosperity during the first half of the 20th century; examines the challenges of urban/rural, racial/ethnic, and gender divisions in the nation, along with the growth of American culture.

346 Recent America, 1953-Present..... 3 cr
Prereq: HIST 250 or consent of instructor. Freq: Spring (odd years).
An examination of the United States as superpower, the benefits and limits of postwar prosperity, the rights revolution, the era of cynicism and limits on government, the challenges and opportunities of multiculturalism, and the redefinition of the nation's role in the world.

347 Topics in Latin American History ..... 3 cr
Prereq: HIST 250 or consent of instructor. Freq: Occasionally.
Focuses on specific countries or on particular aspects of Latin American development; for example, revolution and land reform. May be repeated for credit with different topics.

350 Historiography and Great Historians..... 3 cr
Prereq: HIST 250. Freq: Spring.
Examines the development of history as a system of knowledge from ancient times to the present, focusing on major schools of interpretation and significant historians.

362 Topics in 19th Century Europe ..... 3 cr
Prereq: HIST 120, and HIST 250 or consent of instructor. Freq: Occasionally.
Topics include political and social revolutions; modernization and industrialization; nationalism; new cultural movements; the rise of modern ideologies; feminism and women's rights.

363 Europe Between the Wars: 1919-1939..... 3 cr
Prereq: HIST 120, HIST 250 or consent of instructor. Freq: Occasionally.
Europe from the end of the first world war to the beginnings of the second. Topics include the Treaty of Versailles, revolutions in Central Europe, the successor states in Eastern Europe, political change in the west, the rise of -fascism, appeasement, and the road to war.

364 Europe Since 1945..... 3 cr
Prereq: HIST 120, HIST 250 or consent of instructor. Freq: Spring (even years).
The end of World War II; the Cold War and Sovietization of Eastern Europe; political change in the West; decolonization; European unification; revolutions of 1989; recent developments in Europe.

368 Immigration and Race in Modern Europe..... 3 cr
Prereq: HIST 250 or consent of instructor. Freq: Occasionally.
Covers migration both within and from outside Europe from the 19th century to the present; government policies encouraging and discouraging immigration; ideas of race and racism; experiences of immigrants, and hybrid cultures resulting from immigration.

384 Ancient and Imperial China, 2200 BCE – 1644 CE ..... 3 cr
Prereq: HIST 250 or consent of instructor. Freq: Occasionally..
Explores China's history from the fossil record through the end of the Ming Dynasty in 1644 CE. Topics include Chinese culture, philosophy, innovation, technology, warfare, and artistic achievements, as well as major archaeological finds.

385 China from the Opium Wars to World War II…… ..... 3 cr
Prereq: HIST 250 or consent of instructor. Freq: Fall (even years).
Explores the economic, political, military, and natural disasters that beset China in the late 19th and early 20th centuries and contributed to the Qing Dynasty's steady loss of the "Mandate of Heaven."

386 China Since World War II ..... 3 cr
Prereq: HIST 250 or consent of instructor. Freq: Spring (odd years).
Explores the violent birth of the People's Republic, China's war against the United States in Korea, Mao Zedong's cult of personality, China's rapid economic reforms during the 1980s and 1990s, and the triumph of the Beijing Olympics.

387 Japan in the Late Samurai Age: 1400-1867..... 3 cr
Prereq: HIST 250 or consent of instructor. Freq: Fall (odd years).
Examines the lives of Japan's samurai class, the way of the warrior, the role of the shogun, the origins of Japan's greatest cities and castles, the truth about geisha, and the real life among Japan's peasants, rebels, and outcasts.

388 Japan Since the Samurai Age: 1868-Present ..... 3 cr
Prereq: HIST 250 or consent of instructor. Freq: Spring (even years).
Explores Japan's last samurai revolution and the creation of the Japanese Empire, followed by Japan's attack on Pearl Harbor in 1941, defeat by the United States in 1945, and stunning resurgence into a leading industrial and economic superpower by the late 20th century.

460 International Conflict..... 3 cr
Prereq: HIST 250 or consent of instructor. Freq: Occasionally.
Focuuses on the conflict generated by modernization, industrialization, the search for colonies, and nationalism. Topics vary and course may be repeated for credit with different content. Course differs from HIST 260 in that a research paper will be required.

468 Holocaust Studies..... 3 cr
Prereq: English 266 and 167 or a 200-level survey; or consent of instructor. Freq: Occasionally.
Intensive study of various aspects of the Holocaust, such as literature of the Holocaust, film and the Holocaust, literature of the Second Generation, etc. Cross-listed with ENGL 468/ HUMA 468.

490 Special Topics in History .....1-4 cr
Prereq: HIST 250 or consent of instructor. Freq: Occasionally.
Selected topics in history will be examined. Research paper required.

491 Topics in Multicultural History ..... 3 cr
Prereq: HIST 250 or consent of instructor. Freq: Occasionally.
Selected topics in multicultural American history will be examined. May be repeated for credit with different content.

494 Internship in History .....1-6 cr
Prereq: HIST 250, 3.0 GPA in history, consent of instructor and department chair. Freq: Fall, Spring, Summer.
Research and project-related work at university and non-university agencies and offices, such as state and county historical societies. A limited number of internships are available; thus the awarding of internships will be on a competitive basis, taking into account GPA and number of credits completed. A maximum of 3 credits of internship work may be counted toward the major.

499 Independent Study.....1-6 cr
Prereq: Consent of instructor and department chair, minimum 3.3 GPA in history. Freq: Fall, Spring, Summer.
Independent study is designed to enable students to pursue an interest or area in history not served by existing departmental offerings. Note: A maximum of 3 credits of independent study may be counted toward the major.

HONORS PROGRAM

Greenquist 333 • 262-595-2430

Program Overview

The Honors Program is a university-wide multidisciplinary program that encourages and rewards excellence. It provides opportunities for students to expand beyond the normal boundaries of their courses through research, special projects and community-based work. Students who complete all of the program requirements receive recognition at graduation and on their transcripts. The Honors Program has two tracks: academic honors and civic honors. To enroll in honors courses or participate in honors projects in either track, students must first be admitted to the program. Applications are accepted at any time. Contact the Honors Program director for more details or to obtain an application form, or visit the Honors Program website.

Academic Honors

The academic honors track provides thematically integrated and challenging opportunities for UW-Parkside's most talented students, ensures that UW-Parkside's best students and faculty scholars engage in collegial working relationships on in-depth projects of mutual interest, and fosters fellowship and community among UW-Parkside honors students. Academic honors is earned primarily through the completion of honors courses and honors thesis work.

Program admission requirements for new freshmen include standing in the upper 5 percent of their high school graduating class or a 95th percentile ACT score, or standing in the upper 10 percent of their high school graduating class and a 90th percentile ACT score. Continuing or transfer students must have a cumulative GPA of 3.5 or better and must have completed at least 12 credits of college work. All applicants must submit a letter of recommendation from a faculty member from this or another institution. Students transferring from another institution may apply up to 9 credits toward the Honors Program. Transferred honors credits must be approved by the director.

Requirements for Academic Honors

To receive official transcript designation and recognition at graduation, students must be admitted to the program, must have a cumulative GPA of at least 3.5 and must earn 24 credits in honors course work. The 24 credits must include three 1-credit Honors Seminars, and at least 3 credits of Honors Thesis. The remaining credits may be earned through honors projects attached to regularly scheduled courses or through additional Honors Seminars or honors designated courses. A grade of B+ or higher must be earned for a student to be awarded honors credit for any course.

In order to receive honors credit for a course not designated as an honors course, a student must first complete an honors agreement with the instructor. The agreement must state the specific nature of the additional honors work for the class and must be approved by the director of the Honors Program.

Students may also earn up to 3 honors credits by participating in academic campus activities outside the classroom such as lectures, discussions, and presentations.

One activity credit for honors requires:

- Prior approval of the Honors Program director.
- At least six hours of activities (note that the actual number of attended events may be more or less than this).
- Written presentation of a summary and critical evaluation of the experience to the Honors Program director.

Honors credits achieved in this manner will not count toward graduation nor toward the completion of any academic requirement other than those for the Honors Program. It is recommended that incoming freshmen who are eligible for the Honors Program enroll in HONS 495 Honors Seminar.

Civic Honors

The civic honors track provides a mechanism to support and sustain student involvement in a particular public issue and to examine and respond to public issues from multiple disciplinary perspectives.

The goals of the civic honors track are to:

Deeply embed a student's exploration of a specific public issue into his or her academic experience.

Develop a network of support that encourages students to embrace their responsibilities as citizens in a diverse democracy within a broad global arena.

Deepen the positive impact that students have on communities through community engagement and civic learning initiatives.

Foster thorough knowledge of a particular academic discipline.

Students who participate in the civic honors track will develop civic competencies through academic and community involvement including specific courses, targeted assignments, service learning, presentations, employment and volunteer activities, and community projects that demonstrate the civic competencies in the issue they have chosen.

Normally, students will enroll in the civic honors track no later than the fall semester of their junior year. To apply for the civic honors track, students must have completed at least 18 credits of university course work with a cumulative GPA of 3.0 or higher. Newly admitted students who have not taken CBL 101 Introduction to Community Based Learning, must complete this course within one year after admission to the program. The CBL 101 course offers students an opportunity to explore a broad range of civic and community issues. During the course, students will select an issue of personal interest and develop a plan to intentionally focus their university experience and course work toward developing the knowledge, skills, and abilities necessary to impact that issue. Students who choose to participate in the civic honors track will use the plan created as part of the CBL 101 course to guide their development of civic competencies throughout the remainder of their university experience.

Requirements for Civic Honors

To receive official transcript designation and recognition at graduation students must be admitted to the program, must have a cumulative GPA of at least 3.0, successfully complete CBL 101 Introduction to Community Based Learning, HONS 496 Civic Honors Senior Seminar, and demonstrate proficiency in the following six civic competencies.

1. General knowledge of relevant public issues affecting local and global communities.
2. In-depth knowledge of one public issue.
3. Knowledge of groups, networks and systems that address or have the ability to impact the public issue.
4. Demonstrated ability in developing a wide range of civic skills, attitudes and beliefs needed to effect change.
5. Demonstrated ability to inform various audiences about the issue.
6. Demonstrated ability to impact a public issue through effective participation in projects, groups, networks, political or civic processes.

Proficiency in the competencies will be demonstrated through a portfolio documenting the student's accomplishments over the course of his or her college career. During the senior year, students are required to enroll in HONS 496 Civic Honors Senior Seminar, where they will finalize the portfolio. The final requirement for the civic honors designation is a public presentation and defense of the portfolio to a panel consisting of at least one faculty expert on the topic, one community partner involved in the issue, and a representative from the Honors Program steering committee.

Courses in the Honors Program (HONS)

100 Freshman Honors Seminar ..... 1 cr
Prereq: Consent of director. Freq: Fall.
Provides incoming students who qualify for the Honors Program an introduction to the Honors Program and explores how it can provide challenging learning opportunities that will enrich their academic experience, involve them in faculty scholarship and engage them in community and civic issues.

290 Special Topics ..... 1-3 cr
Prereq: Admission to Honors Program and consent of director. Freq: Occasionally.
Selected topics of interest will be examined.

490 Special Topics ..... 3 cr
Prereq: Admission to Honors Program and consent of director. Freq: Occasionally.
Selected topics of interest will be examined.

494 Honors Internship ..... 1-3 cr
Prereq: Admission to Honors Program and consent of director. Freq: Fall, Spring.
Community work experience with investigation of an academic question. Students engage in field work obtaining material for an applied research project. May be repeated up to 3 credits.

495 Honors Seminar ..... 1 cr
Prereq: Admission to Honors Program and consent of director. Freq: Fall, Spring.
Critical examination and discussion of the annual theme of the Honors Program. Content will vary to reflect the interests of the participants and faculty. May be repeated for credit.

496 Civic Honors Senior Seminar ..... 1 cr
Prereq: Consent of Instructor. Freq: Fall, Spring.
Critical examination and discussion of work and study related to a public issue. Culminates in finalization of portfolio and preparation for final defense.

497 Honors Thesis ..... 1-6 cr
Prereq: Second-year honors student and consent of director. Freq: Fall, Spring.
Directed original research project under a professor in the student's major. Completed work will be presented to the honors steering committee. May be repeated up to 6 credits.

499 Independent Study ..... 1-3 cr
Prereq: Admission to Honors Program and consent of director. Freq: Occasionally.
Directed work under the guidance of a supervising professor and the Honors Program director. May be repeated up to 3 credits.

INTERNATIONAL STUDIES

Greenquist 210 • 262-595-2334

Degree Offered:
Bachelor of Arts.

Director:
Farida Khan, Ph.D.

Student Activities:
The International Studies Program offers many academic lectures and programs on international studies. The program also engages in intercollegiate simulations such as the Model Organization of American States for high school students.

Career Possibilities:
The international studies curriculum provides excellent training for persons interested in a wide variety of careers, including professional positions in private firms, government agencies, higher education, non-governmental organizations, or any institution that operates in a global context.

Steering Committee:
The steering committee serves as the executive decision-making body for the Center for International Studies which offers all academic programs under international studies. Chaired by the director, the steering committee includes faculty from all colleges and is currently composed of: Simon Akindes, Jeffrey Alexander, Siegfried Christoph, Consuelo Clemens, Seif Dana, Gail Gonzalez, Stephen Hawk, Peggy James, Farida Khan, Jonathan Olsen, Xun Wang, Zhemin Wang, and John Ward.

Department Overview

International studies combines courses from various departments to create a broad, interdisciplinary program with a flexible curriculum that emphasizes the knowledge, analytical approaches, and cultural competencies needed to understand the contemporary global system. The program offers a major, two minors, and a certificate in global skills. In addition to choosing one of four thematic options, students majoring in international studies may arrange, with the approval of the program steering committee, a special option to suit particular academic interests or career goals.

Study Abroad

The international studies program maintains the notion that studying abroad, working abroad or doing an internship abroad can be an excellent complement to the major, minor, or certificate programs and can generally be a rewarding and life-changing experience for any student. Incorporating study abroad into a student's college experience enhances the value of any academic program. UW-Parkside faculty-led programs, UW-System study abroad programs, and affiliated study abroad programs, once approved, can count toward elective credits in the international studies major.

Preparation for Graduate and Professional Programs

The international studies major provides excellent preparation for individuals interested in law, business administration, and graduate school in fields such as international relations, development studies, area/regional studies, or public policy.

Internships and Research Fellowships

The program can arrange for internships and service learning opportunities in both domestic and international contexts. Summer research fellowships are available through the program on a competitive basis. The center has also developed an internship to prepare students for a profession in international education through office experience in study abroad and international student services.

Program Level Outcomes

1. International studies students will be prepared to live in increasingly global societies by having considerable knowledge about the world beyond their borders.
2. They will be able navigate cultural and national differences in diverse ways and understand that the world is interconnected.
3. They will develop the tools to live a meaningful and ethical life and understand their worldview in relation to the worldview of others.

Requirements for the Major in International Studies (42 credits)

Students majoring in international studies must complete a total of 42 credits of which 15 credits are introductory or pre-requisite courses.

1. Introductory Courses (15 credits)

Introductory courses are required of all majors. These courses provide students with the introductory background knowledge for the wide range of disciplinary perspectives that comprise the International Studies Program. In some cases, these courses are required for upper-level work in a discipline that is related to international studies. In many cases, these courses fulfill university general education requirements.

Required Course (3 credits)

INTS 100 Introduction to International Studies ... 3 cr

Elective Courses (12 credits)

These 12 introductory credits must be from at least three of the following groups:

Group I

ECON 120 Principles of Microeconomics ..... 3 cr
ECON 121 Principles of Macroeconomics..... 3 cr

Group II

GEOG 105 Contemporary Human Geography..... 3 cr
GEOG 110 Introduction to Geography-World Regions..... 3 cr

Group III

HIST 118 Western Civilization I: From Antiquity to 1300 ..... 3 cr
HIST 126 World History I: From Antiquity to 1300..... 3 cr
HIST 127 World History II: From 1300-1800..... 3 cr
HIST 128 World History III: From 1800 to the Present..... 3 cr
HIST 103/ INTS 103 Introduction to Asia ..... 3 cr

Group IV

HUMA 101 Introduction to the Humanities-World Cultures to 1500 ..... 3 cr
HUMA 102 Introduction to Humanities-World Cultures 1500-Present ..... 3 cr

Group V

POLS 103 Introduction to Comparative Politics ... 3 cr
POLS 104 Introduction to International Relations. ..... 3 cr

Group VI

SOCA 100 Introduction to Anthropology ..... 3 cr
SOCA 101 Introduction to Sociology..... 3 cr

2. Core Courses (12 credits)

These courses provide the broad comparative and global perspective and theoretical background essential to a major in international studies. These 12 core credits must be from at least three of the following groups:

Group I

ENGL 246 Survey of World Literature ..... 3 cr
ENGL 247 Survey of Modern World Literature..... 3 cr

Group II

POLS 304 Theories of International Relations ..... 3 cr
POLS 350 Theories of Comparative Politics..... 3 cr

Group III

INTS 210/ SOCA 202 Introduction to Cultural Anthropology . 3 cr
SOCA 379 Society and Environment..... 3 cr

Group IV

ECON 308 Economic Development ..... 3 cr
INTS 310/ ECON 310 International Trade..... 3 cr

Group V

COMM 365 Intercultural Communication..... 3 cr
HIST 313 Colonialism..... 3 cr

3. Elective Options (12 credits)

Elective options allow a student to focus on an area of interest within the broad scope of international studies. The courses in the option should be selected in consultation with the student's faculty adviser from the International Studies Program. The courses in each option must be from at least two different departments. A list of currently approved courses for each option is available from the Center for International Studies office and the department website. Students may propose an individually designed option, subject to approval of the International Studies Steering Committee. Each major in international studies is required to complete a minimum of 12 credits of work in one of the following options:

Option A - Globalization and Development

Focus on the processes of political, economic and socio-cultural change that accompany globalization and development, with an emphasis on developing nations.

Option B - International Relations

Focus on the major interactions among nations, including politics, trade and intercultural communication. Also includes consideration of international organizations and non-governmental organizations.

Option C - Comparative Cultures and Societies

Focus on cross-cultural and comparative study of societies and cultures, including the arts, literature, politics and social organization.

Option D – International Commerce

Focus on commercial and economic relations among nations, including a business perspective as well as national economic policy.

4. Senior Seminar (3 Credits):

The Senior Seminar is a capstone course in which students are expected to integrate their studies, especially from their selected option, and to carry out original research as the basis for a research paper. The Senior Seminar is required of all majors and minors in international studies. It is expected that students will have taken a research methods course in another department such as history, political science, communication, English, business, sociology-anthropology or another discipline relevant to international studies. This research methods course should be completed prior to taking the Senior Seminar so that students are appropriately equipped to carry out the research required for their senior project. Consult with your advisor regarding an appropriate research methods course for your particular option or research project interest.

INTS 495	Senior Seminar in International Studies	3 cr

Recommended for the Major in International Studies

Study abroad or other experiential learning activity in international studies is strongly recommended.

Each student planning to major in international studies must consult regularly with an international studies faculty adviser to schedule a coherent program consonant with their interests. This is particularly important when selecting options. Students are cautioned to match prerequisite classes with higher level classes within the major.

Languages

The International Studies Program faculty strongly encourages students to gain additional language competence beyond the introductory level required for graduation. This is critical for students who choose option C (Comparative Cultures and Societies).

Experiential Learning Activities

All majors in international studies are strongly encouraged to take part in experiential learning in international studies. This may be accomplished through study abroad, participation in short-term faculty-led study tours, or working/volunteering with an international agency or non-governmental organization in the international arena.

Requirements for the International Studies Minor (18 credits)

The international studies minor consists of 18 credits. The following courses are required:

A. Required Course (3 credits)

INTS 100	Introduction to International Studies	3 cr

B. Core Courses (9 credits)

Nine credits must be from at least three of the following groups:

Group I

ENGL 246	Survey of World Literature	3 cr
ENGL 247	Survey of Modern World Literature	3 cr

Group II

POLS 304	Theories of International Relations	3 cr
POLS 350	Theories of Comparative Politics	3 cr

Group III

INTS 210/ SOCA 202	Introduction to Cultural Anthropology	3 cr
SOCA 379	Society and Environment	3 cr

Group IV

INTS 310/ ECON 310	International Trade	3 cr
ECON 308	Economic Development	3 cr

Group V

HIST 313	Colonialism	3 cr
COMM 365	Intercultural Communication	3 cr

C. Elective Course (3 credits)

One 3-credit option/elective course from any option of the student's choice.

D. Senior Seminar (3 credits)

INTS 495	Senior Seminar in International Studies	3 cr

Requirements for the Asian Studies Minor (18 credits)

The Asian studies minor consists of 9 credits of core and 9 credits of elective courses.

A. Core Courses (9 credits)

Required Course (3 credits)

INTS/ HIST 103	Introduction to Asia	3 cr

Elective Courses (6 credits)

Choose two:

HIST 386	China Since World War II	3 cr

HIST 388	Japan Since the Samurai Age: 1868-Present	3 cr
SOCA 228	Peoples of Southeast Asia	3 cr
SOCA 329	Social Institutions in Contemporary China	3 cr

B. Elective Courses (9 credits)

ECON 301	Economic Issues of South Asia	3 cr
HIST 384	Ancient and Imperial China, 2200 BCE – 1644 CE	3 cr
HIST 385	China from the Opium Wars to World War II	3 cr
HIST 387	Japan in the Late Samurai Age: 1400-1867	3 cr
LBST 309	Gender, Marriage, and Families in Chinese Societies	3 cr
SOCA 328	Asians in American Society	3 cr

The courses below count as electives when they focus on Asian languages or a topic on Asia for a senior seminar project. This must be pre-approved by the student's adviser as well as the administrator of the Asian studies minor. Students should keep in mind that full-time UW-Parkside students may take Asian language classes at Carthage College for credit toward their UW-Parkside program; one course in each of the Fall/Spring semesters may be taken for a nominal registration fee. Consult the Advising and Career Center for details.

MODL 103	Modern Language I	4 cr
MODL 104	Modern Language II	4 cr
INTS 495	Senior Seminar in International Studies	3 cr

Requirements for the Asian Studies Certificate (12 credits)

The Asian studies certificate consists of INTS/HIST 103 Introduction to Asia, and 9 credits of any combination of core and elective courses in the Asian studies minor. The certificate is open to degree and non-degree students. For inquiries regarding the minor or the certificate, contact Professor Jeffrey Alexander.

A. Required Course (3 credits)

INTS/HIST 103 Introduction to Asia ..... 3 cr

B. Elective Courses (9 credits)

ECON 301	Economic Issues of South Asia	3 cr
HIST 384	Ancient and Imperial China, 2200 BCE – 1644 CE	3 cr
HIST 385	China from the Opium Wars to World War II	3 cr
HIST 386	China Since World War II	3 cr
HIST 387	Japan in the Late Samurai Age: 1400-1867	3 cr
HIST 388	Japan Since the Samurai Age: 1868-Present	3 cr
LBST 309	Gender, Marriage, and Families in Chinese Societies	3 cr
SOCA 228	Peoples of Southeast Asia	3 cr
SOCA 328	Asians in American Society	3 cr
SOCA 329	Social Institutions in Contemporary China	3 cr

The courses below count as electives when they focus on Asian languages or a topic on Asia for a senior seminar project. This must be pre-approved by the student's adviser as well as the administrator of the Asian studies minor.

INTS 495	Senior Seminar in International Studies	3 cr
MODL 103	Modern Language I	4 cr
MODL 104	Modern Language II	4 cr

Requirements for the Global Skills Certificate (13 credits)

The certificate in global skills is designed to assist students to understand and appreciate the impact of international affairs on their daily lives. Degree and non-degree students completing the certificate will be expected to value different cultures and political/economic systems, as well as become familiar with the numerous international connections that exist between countries through trade, diplomacy, international organizations and communication technology.

A. Required Courses (7 credits)

INTS 100	Introduction to International Studies.	3 cr
INTS 201	Global Skills Practicum – Basic Global Skills	1 cr
INTS 202	Global Skills Practicum – Perspectives on Globalization	1 cr
INTS 203	Global Skills Practicum - Political and Economic Systems	1 cr
INTS 204	Global Skills Practicum - Culture and Language	1 cr

B. Core Course (3 credits)

Choose one:

COMM 365	Intercultural Communication	3 cr
ECON 308	Economic Development	3 cr
ENGL 246	Survey of World Literature	3 cr
ENGL 247	Survey of Modern World Literature	3 cr
HIST 313	Colonialism	3 cr
INTS 210/ SOCA 202	Cultural Anthropology	3 cr
INTS 310/ ECON 310	International Trade	3 cr
POLS 304	Theories of International Relations	3 cr
POLS 350	Theories of Comparative Politics	3 cr
SOCA 379	Society and Environment	3 cr

C. Options Course (3 credits)

Choose one course from the options courses as listed in the international studies major requirements.

Students are strongly encouraged to keep in mind that both core and options classes may have prerequisites.

Courses in International Studies (INTS)

100 Introduction to International Studies..... 3 cr
Prereq: None. Freq: Fall.
The course is intended as a broad introduction to the increasing international impact at the state, community and individual levels. Its objectives include developing practical orientations toward the international experience, such as language and cultural appreciation, social and political tolerance, and environmental adaptation.

103 Introduction to Asia ..... 3 cr
Prereq: None. Freq: Fall.
Covers the social, cultural, economic, religious, literary, and political aspects of life in all regions of Asia, including China, India, Japan, Southeast Asia, and their neighboring countries. Cross-listed with HIST 103.

110 American Language and Culture..... 3 cr
Prereq: Required of entering international students; consent of instructor. Freq: Occasionally.
Cultural and communication patterns in American society, for international students who speak English as a second language.

201 Global Skills Practicum - Basic Global Skills ..... 1 cr
Prereq: None. Freq: Yearly.
Students are introduced to the essential knowledge and cultural sensitivity needed when traveling, working or communicating on the international level. Topics include cross-cultural comparisons of living conditions, customs and manners, languages, religions, technology, educational systems, and business, economic, and political issues.

202 Global Skills Practicum - Perspectives on Globalization ..... 1 cr
Prereq: None. Freq: Yearly.
Students are given various perspectives on the different aspects of contemporary globalization. Topics include internationalization and globalization in business, transnational communities and diaspora, changing global identities, and the shifting loci of power.

203 Global Skills Practicum – Political and Economic Systems ..... 1 cr
Prereq: None. Freq: Yearly.
Students are exposed to the global context, the increased internationalization of economic relations, and its political ramifications. Topics include foreign investment/trade, economic development, and democratic development.

204 Global Skills Practicum – Culture and Language..... 1 cr
Prereq: None. Freq: Yearly.
Students are introduced to the diversity in cultures across the world. Topics include differences in language, food, psychology, religions, family relationships and bodily expressions.

205 Orientation to Study Abroad..... 1 cr
Prereq: None None. Freq: Yearly.
Provides an introduction to various challenges (academic, social, cultural, linguistic, political and economic) related to studying in a foreign country. Students are familiarized with theories associated with culture shock, intercultural sensitivity, communication and reverse culture shock and learn to apply these to their own up-coming international experience.

206 Study Abroad Journaling..... 2 cr
Prereq: None. Freq: Yearly.
Primarily taught through guided written assignments while studying abroad; demonstrate an understanding of various stages and theories associated with culture shock by applying them to their living and studying abroad experiences in their host country.

207 Cross-Cultural Reentry from Study Abroad..... 1 cr
Prereq: None. Freq: Yearly
Designed for students returning from study abroad; reviews the concept of reentry shock, examines the process of reentry, and provides strategies for integrating the study abroad experiences with academics, professional goals and personal development.

210 Cultural Anthropology..... 3 cr
Prereq: SOCA 100 or 101 Freq: Fall.
Basic theoretical concepts and an analysis of cultural systems and social institutions in a cross-cultural frame of reference. Cross-listed with SOCA 202.

226 Peoples of Africa..... 3 cr
Prereq: SOCA 100 or 101 Freq: Fall.
A survey of the societies and cultures of Africa. Discusses history, cultural variation, and contemporary social change. Cross-listed with SOCA 226.

268 Introduction to Holocaust Studies ..... 3 cr
Prereq: English 101 with grade of C- or better or consent of instructor. Freq: Yearly.
Overview of historical, philosophical and other issues surrounding the Holocaust, using texts by those who experienced the Holocaust. Cross-listed with ENGL 268/HIST 268.

290 Special Topics in International Studies.....1-3 cr
Prereq: Consent of instructor. Freq: Occasionally.
Subject matter is topical. Subject varies; see current course schedule.

300 International Study Tours .....1-6 cr
Prereq: Consent of instructor. Freq: Fall.
Enables students to prepare for and participate in Study Abroad tours in international destinations. Repeatable for a maximum of 6 credits.

310 International Trade..... 3 cr
Prereq: ECON 120 Freq: Occasionally.
Examines theories of international trade, government policy toward international trade, and international trading arrangements and institutions. Cross-listed with ECON 310, 510.

334 Resistance..... 3 cr
Prereq: Junior Standing or Consent of Instructor Freq: Yearly.
Examines the concept and genealogy of modernity as understood by Foucault and Adorno, extends the Foucauldian understanding of Power and Resistance within modern and post-modern contexts by examining the works of Deleuze, Hardt and Negri, and other. Cross-listed with POLS 334.

390 Special Topics in International Studies.....1-3 cr
Prereq: Consent of instructor. Freq: Occasionally.
Selected topics in international studies are examined. Subject varies; see current course schedule.

400 Non-UW-Parkside Study Abroad ..... 0 cr
Prereq: Enrollment in approved semester study abroad program. Freq: Fall, Spring.
This course allows students to retain their good standing at UW-Parkside while they participate in non-UW-Parkside academic study abroad programs.

405 Internship In International Education Services..... 1-3 cr
Prereq: Junior standing, major/minor in international studies, consent of instructor and program director. Freq: Spring.
The internship provides an opportunity for students to apply their international education knowledge in an experiential learning environment to gain experience in the professional world in two areas of international education: international student services and study abroad. Intended for students seeking an international experience in higher education or in other international education organizations.

411 International Monetary Economics.....3 cr
Prereq: ECON 121 Freq: Occasionally.
Examines foreign exchange markets, international monetary arrangements and investments, theories of balance of payments and exchange rates, open economy macroeconomics. Cross-listed with ECON 411, 611.

490 Special Topics in International Studies.....1-3 cr
Prereq: Consent of instructor. Freq: Occasionally.
Selected topics in international studies are examined. Subject varies; see current course schedule.

494 Internship in International Studies .....1-3 cr
Prereq: Junior or Senior standing and consent of program director;. Freq: Fall, Spring, Summer.

Enables a student's paid or unpaid employment in an international context to count towards their academic program, and gives them an opportunity to reflect on the connection between their academic learning and the workplace. Does not provide credit specifically toward the INTS major, but does count for credit toward overall degree programs.

495 Senior Seminar in International Studies.....3 cr
Prereq: Completion of major or minor requirements or consent of instructor and program director; a research methods course. Freq: Yearly.
The senior seminar is the capstone course in the major and is required of all majors and minors. Students are expected to integrate the material studied in the major, and especially in their selected option. Students carry out an independent research project leading to a formal research paper and presentation.

499 Independent Study.....1-4 cr
Prereq: Consent of instructor and program director. Freq: Fall, Spring, Summer.
Available to qualified students under supervision of instructor. Topic must be mutually agreed upon between professor and student.

LIBERAL STUDIES

RITA/CART 235/221 • 262-595-2139/2609

Degree offered:
Bachelor of Arts.

Director:
McNair, Ph.D.

Lecturer/Adviser:
Anderson, J.D.

Career Possibilities:
There are many possible careers for liberal studies graduates, depending on how students plan their course work. Graduates of the program may enroll in graduate programs, including business and law school, while others may find employment in a diverse range of occupations, including teaching, finance, graphic design, and the legal field.

Program Overview

MISSION
Our mission is to provide flexible, innovative degree programs to students whose needs and interests are not limited to a single discipline. Grounded in the liberal arts tradition, we prepare graduates to:

- Communicate effectively
- Think critically and creatively
- Make connections across disciplines
- Become knowledgeable, engaged citizens of our local and global communities
- Assume leadership roles and apply their knowledge in all areas of their professional and personal lives

The liberal studies major is a suitable degree-completion option for transfer and returning students, including working adults interested in career advancement.

VISION
We believe that students educated in the liberal arts tradition will have the skills to meet the many challenges of today's workplace. Moreover, students who have the flexibility to choose advanced classes in multiple disciplines can design a major that better addresses their individual career goals. Liberal studies is committed to helping students create their own paths to degree completion, career success, and ultimately a more fulfilling quality of life. We envision our program, students, and graduates helping to shape a community that is intellectually engaged, globally connected, environmentally responsible, diverse and inclusive.

Program Competency Areas

The flexible liberal studies curriculum is guided by six areas in which students are expected to demonstrate competency. These areas should guide students' course selection as well as their focus within particular courses. Understanding of the competencies is demonstrated by the successful completion of a senior seminar project. The competency areas are as follows:

Communication:
Effective communication skills include listening, speaking, reading, writing, and information literacy.

Ethical Reasoning and Action:
Individual, social and environmental responsibility includes civic knowledge and engagement (both global and local).

History:
Recognizing patterns in past events and seeing their relevance to present-day life; demonstrating how contemporary social issues are rooted in past events and political choices; understanding the impacts of the social and physical environments on individual experience; and speculating in informed ways about how present-day trends might affect the future.

Critical and Creative Thinking:
The capacity to combine or synthesize existing ideas and information; comprehensively explore issues, ideas, objects, and events before reaching a conclusion.

Intercultural Knowledge:
Understanding and empathizing with people from diverse cultures; understanding societies and cultures on their own terms; interacting and working with people from diverse backgrounds; and leading or contributing support to those who lead.

Interdisciplinary Perspective:
The ability to make deliberate connections among various academic disciplines, to comprehend and participate in more than one discipline; the ability to reflect on the nature and value of an interdisciplinary perspective.

Preparation for Graduate School

Completion of a liberal studies degree is ideal preparation for graduate programs in the traditional liberal arts disciplines and other post-baccalaureate professional programs, such as law school.

Requirements for the Liberal Studies Major (30-48 credits)

Students choose from five concentrations within the liberal studies major: cinema and film studies, humanities, social sciences studies, organizational studies, and women's, gender, and sexuality studies.

Requirements for the Humanities Concentration (36 credits)

A. Foundational Courses (6 credits)

At this stage, students work in many different disciplines to (1) explore areas of intellectual inquiry; (2) work on the basics of writing/communicating; (3) read widely and think critically; (4) sharpen study skills; (5) begin viewing the world from multiple, global perspectives; (6) lay the foundation of basic knowledge necessary for more advanced work in individual disciplines. Students are fulfilling general education requirements, which should complement the introduction to humanities and encourage connections between classes and fields of knowledge.

Choose two courses:

HUMA 101	Introduction to Humanities: World Cultures to 1500	3 cr
HUMA 102	Introduction to Humanities: World Cultures 1500 to Present	3 cr
HUMA 103	Diversity in the United States	3 cr

Note: In addition to the HUMA survey courses, students need to select other general education classes at the 100-level, taking care to meet prerequisites for 200-level skills/methods courses offered by individual disciplines. For example, a student wishing to take a 200-level class in graphic design needs to have ART 102 or ART 104; students wishing to take HIST 250 need to have taken an additional HIST at the 100-level; 200-level PSYC classes require PSYC 101 completion.

B. Skills or Methods Courses (9 credits)

At this stage, students will move beyond the basics, gaining skills and knowledge necessary to perform well in more specialized classes for majors in two or more disciplines. Many of these courses are "gateway" classes, i.e. they are prerequisites for courses at the 300-400 level. Students should choose classes carefully, with an eye toward the topics and fields they want to explore in greater depth as they map out their 300-400-level course work.

Choose three courses from at least two different departments:

COMM 207	Introduction to Communication Discipline, Part I	3 cr
COMM 208	Introduction to Communication Discipline, Part II	3 cr
ENGL 201	Advanced Composition	3 cr
ENGL 202	Technical Writing	3 cr
ENGL 204	Writing for Business and Industry	3 cr
ENGL 206	Creative Writing-Poetry	3 cr
ENGL 207	Creative Writing-Fiction	3 cr
ENGL 266	Literary Analysis	3 cr
HIST 250	Sources and Methods in History	3 cr
HUMA 252	Introduction to Film	3 cr
ISTD 200	Introduction to Leadership	3 cr
POLS 209	Legal Research and Writing	3 cr

OR

Any 200-level language, art, music, theater, or philosophy course. Other 200-level, non-general education classes (for example, in the social and behavior sciences) may be used to fulfill this requirement, subject to approval of the director and steering committee, in consultation with the student and adviser.

C. Major Concentration (18 credits)

A combination of 300-400 level courses, selected in consultation with adviser, totaling 18 credits. At this level, students should consider not only how classes help achieve competency goals, but how course choices enhance future career plans. Consider courses which will help the student bring unique skills, knowledge, perspectives, and experience into the profession.

D. Senior Seminar Project (3 credits)

LBST 498	Senior Seminar Project	3 cr

Requirements for the Social Science Studies Concentration (45-46 credits)

The distinguishing feature of the second concentration option is the independently designed theme. Working with the liberal studies adviser, students design a course of study built around a particular theme or problem in the social and behavioral sciences. Students will be accepted as liberal studies majors and allowed to proceed with an independently designed theme after that program of study has been designed in consultation with the program adviser.

A. Introductory Courses (9 credits)

Choose three courses from at least two different departments:

COMM 107	Communication and the Human Condition	3 cr
COMM 108	Media and Society	3 cr
ECON 101	The American Economy	3 cr
GEOG 100	Physical Geography and the Environment	3 cr
GEOG 105	Contemporary Human Geography	3 cr
GEOG 110	Introduction to Geography-World Regions	3 cr
HIST 102	The United States, Reconstruction to Recent Times	3 cr
HIST 120	Western Civilization III: From 1815 to Present	3 cr

POLS 100	American Politics	3 cr
POLS 104	Introduction to International Relations	3 cr
POLS 105	Political Beliefs	3 cr
PSYC 101	Introduction to Psychological Science	3 cr
SOCA 100	Introduction to Anthropology	3 cr
SOCA 208	Introduction to Archaeology	3 cr
WGSS 110	Introduction to Women's, Gender and Sexuality Studies	3 cr

B. Methodology Courses (3-4 credits)

Choose one course:

GEOG 300	Geographic Methods	3 cr
HIST 250	Sources and Methods in History	3 cr
ISTD 250	Consumer Statistics	3 cr
POLS 200	Research Methods and Sources	4 cr
PSYC 300	Research Methods in Psychology	3 cr
SOCA 250	Statistics for the Social Sciences	4 cr
OR		
QM 210	Business Statistics I	3 cr
SOCA 295	Social Science Research Methods*	2 cr

* This is a 2-credit course. Students who opt to complete it must consult with the interdisciplinary studies adviser with regard to the additional required credit.

C. Scope of Coverage (12 credits)

Choose one 3-credit course from four of the following disciplines: communication, economics, geography, history, political science, psychology, sociology/anthropology, or women's, gender and sexuality studies. The purpose of the scope of coverage requirements is to ensure the interdisciplinary nature of the student's program.

Courses identified as meeting the requirements of the scope of coverage section of the major may also be counted under sections A, B, and D.

D. Theme (18 credits)

The 18 credits must revolve around or be related to some central theme or issue which the student has identified within the social and behavioral sciences. Some examples of themes chosen by current students and approved by the review committee are as follows:

- The American Worker in Adaptation to Change
- Poverty and Social Welfare
- Crime and Psychological Problems Among Children
- Illiteracy in America
- Ethnicity and Political/Social Patterns in the U.S.
- Politics and Mass Communication
- Healthcare
- The American Worker
- Poverty and Social Welfare
- Crimes and Psychological Problems Among Children
- Environment Policy
- Public Education

The 18 credits of the theme must meet the following requirements:

1. At least 15 credits must be at the 300/400 level.
2. No more than 12 credits can be from one single department.
3. No more than 6 credits can be earned by directed or independent study.
4. Introductory and methods courses cannot count toward the 18 required credits in the theme.

E. Senior Seminar Project (3 credits)

LBST 498	Senior Seminar Project	3 cr

Requirements for the Organizational Studies Concentration (36-37 credits)

The organizational studies concentration is designed to help students understand the structures, operations, and functions of complex organizations in both public and private sector settings. Faculty members from a number of academic disciplines, including sociology/anthropology, economics, psychology, geography, history, political science, communication, philosophy, and business, provide students with a multidimensional, multiperspective, comprehensive understanding of complex organizations in our society.

A. Foundational Courses (9 credits)

ISTD 345	Organization Theories	3 cr

Plus 6 credits of 100- or 200-level work in the behavioral and/or social sciences, one of which may be:

ISTD 200	Introduction to Leadership	3 cr

B. Statistics Course (3-4 credits)

Choose one:

ISTD 250	Consumer Statistics	3 cr
SOCA 250	Statistics for the Social Sciences	4 cr
POLS 200	Research Methods and Sources	4 cr
PSYC 250	Psychological Statistics	3 cr
QM 210	Business Statistics I	3 cr

Consult with instructor regarding prerequisites.

C. Concentration Courses (21 credits)

Choose 21 credits with no more than 9 credits from one area as listed below or from the UW-Parkside catalog with consultation with your adviser.

History/Political Science/Geography

GEOG 340	Political Geography	3 cr
GEOG 360	Urban Geography	3 cr
HIST/ ETHN 302	Race/Ethnicity in the United States of American 1890 to the Present	3 cr
HIST/ ETHN 333	Contemporary American Immigration	3 cr
POLS 202	Public Policy	3 cr
POLS 250	Introduction to Public Administration	3 cr

Economics/Business

ECON 380	The Labor Market	3 cr
HRM 343	Human Resource Management	3 cr
MGT 349	Organizational Behavior	3 cr
MGT 447	Management Techniques	3 cr
MIS 320	Management Information Systems	3 cr
MKT 350	Marketing Principles	3 cr

Psychology/Sociology

ISTD 300	Human Resources Issues	3 cr
ISTD 346	Interorganizational Relationships	3 cr
PSYC 307	Cross-Cultural Psychology	3 cr
PSYC 330	Interviewing	3 cr
SOCA 304	Skill Development in Leadership	3 cr
SOCA 306	Research in Community Needs	3 cr
SOCA 326	Social Gerontology	3 cr
SOCA 372	Technology and Society	3 cr
SOCA 373	Formal Organization	3 cr

Communication

COMM 285	Introduction to Conflict Analysis and Resolution	3 cr
COMM 303	Organizational Communication	3 cr
COMM 365	Intercultural Communication	3 cr
COMM 385	Strategies for Constructive Dialogue	3 cr
ENGL 204	Writing for Business and Industry	3 cr
ISTD 492	Practicum in Leadership	3 cr

D. Senior Seminar Project (3 credits)

LBST 498	Senior Seminar Project	3 cr

Requirements for the Cinema and Film Studies Concentration (48 credits)

The cinema and film studies concentration is an interdisciplinary degree option focusing on the aesthetics, history, and social impact of this visual and narrative art form. Students choosing the cinema and film studies concentration will choose foundational courses at the introductory level on literary, visual and performing arts, and humanistic scholarship. In their core and upper-level elective courses, students will explore the history of film, the intersection of film and the other arts, and may gain experience in use of video and digital editing equipment or in related visual arts media. Students at all levels will have the opportunity to explore film from various disciplinary perspectives by choosing approved courses from several different departments. The Senior Seminar Project (LBST 498) is a capstone experience, which will allow students to develop a film-related creative project or critical essay to address the lberal studies competencies; this class is taken along with graduating seniors in other liberal studies concentrations.

A. Foundational Courses (15 credits)

Choose from at least two different departments:

ART 104	Introduction to Digital Art	3 cr
ART 122	Introduction to Drawing	3 cr
ART 125	Ancient and Medieval Art*	3 cr
ART 126	Renaissance to Modern Art*	3 cr
COMM 108	Media and Society	3 cr
ENGL 167	Introduction to Literature	3 cr
ENGL 266	Literary Analysis	3 cr
HUMA 101	Introduction to Humanities: World Cultures to 1500	3 cr
HUMA 102	Introduction to Humanities: World Cultures 1500 to Present	3 cr
PHIL 213	Aesthetics	3 cr
THEA 124	Basic Acting Skills	3 cr
THEA/ WGSS 215	Gender and Sexuality on the Stage and Screen	3 cr

* Prerequisites for ART 343, 345

B. Core Courses (15 credits)

Required courses (9 credits):

HUMA 252	Introduction to Film	3 cr
ENGL 258	History of Film to 1950	3 cr
ENGL 259	History of Film from 1950	3 cr

Electives (6 credits):

Choose 200-level courses from the following departments: art, communication, modern languages and/or theatre arts. Students cannot use 200-level courses to fulfill this core requirement if they are counting toward the foundational courses.

200-level special topics courses may substitute for one of the required core courses (up to 3 credits) if they have substantial film component and are approved in advance by the cinema and film studies adviser. Some departments that offer film-related special topics courses are:

ART 291	Selected Topics in Art History
ENGL 290	Special Topics in English
LBST 290	Special Topics in Liberal Studies
PHIL 290	Special Topics in Philosophy
POLS 290	Special Topics in Political Science
WGSS 290	Special Topics in Women's, Gender and Sexuality Studies

At this stage students pay close attention to prerequisites for 300-400 level work students may be considering in any of these disciplines. ART 260, for example, is a prerequisite for ART 364.

C. Elective Courses (15 credits)

Choose 300-400 level courses in at least two departments in consultation with major adviser:

ART 343	Modern Art	3 cr
ART 345	Contemporary Art	3 cr
ART 364	Digital Video	3 cr
ENGL 358	Film Genres*	3 cr
ENGL 458	Studies in Film*	3 cr
COMM 350	Narrative Analysis	3 cr
COMM 360	Contemporary Media Industries	3 cr
COMM 463	Gender, Race, Class in Media	3 cr
THEA 345	Writing for the Stage and Screen	3 cr
THEA 355	Theatre History and Literature to 1660	3 cr

THEA 356	Theatre History and Literature from 1660 to 1915	3 cr
THEA 357	Theatre History and Literature from 1915 to Today	3 cr

* Courses may be repeated for credit with a different topic.

Other 300-400 level courses may be used if they have substantial film component and are approved in advance by the cinema and film studies adviser.

D. Senior Seminar Project (3 credits)

LBST 498	Senior Seminar Project	3 cr

Requirements for the Women's, Gender and Sexuality Studies Concentration (30 credits)

A. Introductory Courses (6 credits)

WGSS 110	Introduction to Women's, Gender, and Sexuality Studies	3 cr

One course in Feminist Theories ..... 3 cr

(Appropriate classes offered in English, history, philosophy, communication, psychology, etc., with approval of program director.)

B. Concentration Courses (9 credits)

Choose from at least two of the following three areas:

Humanities and Art

COMM 315	Communication and Gender	3 cr
COMM 463	Gender, Race and Class in Media	3 cr
ENGL 269	Introduction to Women Writers	3 cr
ENGL 367	Studies in American Ethnic Literature (Depending on Topic)	3 cr
ENGL 417	Studies in British Literature: British Women Novelists Topic	3 cr
ENGL 464	Studies in Cultural Patterns: Gay and Lesbian LiteratureTopic	3 cr
ENGL 469	Studies in Women Writers	3 cr
PHIL 290	Special Topics in Philosophy: Feminism in Philosophy Topic	3 cr
THEA/ WGSS 215	Gender and Sexuality on the Stage and Screen	3 cr
WGSS 112	Women in Literature	3 cr

Social Sciences

CRMJ 366	Women, Crime, and Criminal Justice	3 cr
HIST 236	Women in Modern Society	3 cr
MGT 446	Global Management	3 cr
POLS 203	Women, Power, and Politics	3 cr
POLS 301	Sexuality and Politics	3 cr
PSYC 280/380	Psychology of Gender	3 cr
SOCA 213	Gender and Society	3 cr
SOCA 290	Special Topics: LGBTQ Studies Topic	3 cr

Natural Sciences

BIOS 103	Human Biology	3 cr
HESM 321	Women's Health Issues	3 cr
HESM 330	Sport in Society	3 cr
SOCA 379	Society and Environment	3 cr
WGSS 250	Women in Science	3 cr

C. Elective Courses (12 credits)

Select approved courses with adviser.

D. Required Capstone Course (3 credits)

Choose one:

WGSS 494	Internship in Women's, Gender and Sexuality Studies	1-3 cr
WGSS 495	Women's, Gender and Sexuality Studies Seminar	3 cr
WGSS 497	Women's, Gender and Sexuality Studies Senior Thesis	3 cr
WGSS 499	Independent Study	1-3 cr

Requirements for the Leadership Certificate (12 credits)

The leadership certificate provides a curriculum that combines conceptual and theoretical frameworks with opportunities to apply those concepts and theories in real-world situations. Students who complete the certificate program will have an enhanced understanding of the personal qualities, interpersonal dynamics, and social patterns that influence leadership efforts. They will also have the opportunity to hone specific leadership skills such as self-assessment and public speaking; identify and assess resources; work in diverse settings; and evaluate and reflect on students' own leadership styles. Pursuing the leadership certificate is also an excellent opportunity for civic engagement.

A. Required Courses (6 credits)

ISTD 200	Introduction to Leadership	3 cr
ISTD 492	Practicum in Leadership	3 cr

B. Elective Courses (6 credits)

Choose two:

ISTD 300	Human Resource Issues	3 cr
COMM 285	Introduction to Conflict Analysis and Resolution	3 cr
SOCA 304	Skill Development in Leadership	3 cr
SOCA 306	Research in Community Needs	3 cr

Courses in Humanities (HUMA)

101 Introduction to Humanities: World Cultures to 1500 ..... 3 cr
Prereq: None. Freq: Yearly.
A thematic and comparative approach to the history of world cultures, focusing on the West, but including significant material from a variety of non-Western cultures, with particular emphasis on political movements, literature, fine arts, religion, and philosophy from prehistory to 1500.

102 Introduction to Humanities: World Cultures 1500 to Present ..... 3 cr
Prereq: None. Freq: Yearly.
A thematic and comparative approach to the history of world cultures, focusing on the West, but including significant material from a variety of non-Western cultures, with particular emphasis on political movements, literature, fine arts, religion, and philosophy from 1500 to present.

103 Diversity in the United States ..... 3 cr
Prereq: None. Freq: Yearly.
A thematic and comparative approach to the history and culture of the United States, focusing on one or more of the diverse groups that comprise that culture.

200 Humanistic Studies ..... 3 cr
Prereq: ENGL 101 with a grade of C- or better or the consent of instructor. Freq: Yearly.
Introduction to philosophies, methods, and issues in the humanities.

252 Introduction to Film ..... 3 cr
Prereq: None. Freq: Occasionally.
An examination of the distinctive elements and techniques of film as art and the relationship of film to society. Cross-listed with ENGL 252.

341 Aesthetic Values ..... 3 cr
Prereq: HUMA 200 or consent of instructor. Freq: Yearly
Exploration of the nature of aesthetic judgments and their justification in aesthetic discourse, and the nature and role of art in human life, focusing in particular on the visual arts and music.

342 Ethical Values ..... 3 cr
Prereq: HUMA 200 or consent of the instructor.
Freq: Occasionally.
Exploration of the nature of ethical judgments and their justification in ethical discourse, and the role of ethical values in the human pursuit of the good.

343 Knowledge and Understanding ..... 3 cr
Prereq: HUMA 200 or consent of the instructor.
Freq: Occasionally.
Exploration of the place of knowledge in human life, the ways in which knowledge is hindered and acquired, and the way in which cultural norms and knowledge interact.

396 Humanities Colloquium ..... 1 cr
Prereq: None. Freq: Occasionally.
In-depth approach to a single experience such as attending a play, visiting a museum, or reading a novel. Significant course project will be required. May be repeated for credit with different topic. May require a course fee.

468 Holocaust Studies ..... 3 cr
Prereq: Junior standing or consent of the instructor.
Freq: Occasionally.
Intensive study of various aspects of the Holocaust, such as literature of the Holocaust, film and the Holocaust, and literature of the Second Generation, etc. Cross listed with ENGL 468/INTS 468.

Courses in Interdisciplinary Studies (ISTD)

200 Introduction to Leadership ..... 3 cr
Prereq: None. Freq. Yearly.
This course is designed to introduce students to the principles of leadership from an interdisciplinary theoretical perspective and then give them the opportunity to practice some of those principles. It will also introduce skills, such as self-assessment, communication strategies, understanding group dynamics and working in coalitions, setting goals while remaining flexible, and managing conflict, which will be developed more fully in subsequent courses and in the practicum.

250 Consumer Statistics ..... 3 cr
Prereq: Math through high school algebra. Freq: Occasionally
Consumer statistics is an overview course. It covers a variety of numerical analysis applications while avoiding using words like numerical analysis. This course is intended to help students become knowledgeable consumers of statistical reports, not producers.

300 Human Resource Issues ..... 3 cr
Prereq: SOCA 100 or 101 or consent of instructor. Freq: Yearly.
This course identifies a theoretical model of human resource management; the diversity issues of the workplace; issues such as external staffing, training and development of employees; compensation; labor relations; and employee security, health and safety.

307 Project Planning ..... 3 cr
Prereq: ISTD 200. Freq: Yearly.
This course examines the processes involved in initiating, planning, executing, controlling and closing projects. Students obtain skills in leadership, team building, coaching, planning, performance appraisal and staff management with the focus on achieving project goals. Students learn how to design organizational and communication structures that best use the resources available.

308 Project Time and Cost Management ..... 3 cr
Prereq: ISTD 200, 307. Freq: Yearly.
Students learn the concepts of project scope, time, cost, quality and risk management along with the concepts of earned value, variance analysis and resource constraints. Students develop the skills necessary to bring projects in on time and within budget.

345 Organization Theories ..... 3 cr
Prereq: None. Freq: Alternate years.
An introductory survey of theories of large-scale, complex organizations that have their origins in a variety of fields and disciplines including sociology, public administration, educational administration and business administration. A major goal of the course is to develop the ability of students to apply these theories to the analysis of particular kinds of organizations including private businesses, government agencies, not-for-profit service organizations, hospitals, religious organizations, prisons, the military and schools.

346 Interorganizational Relationships ..... 3 cr
Prereq: None. Freq: Alternate years.
This course has two major emphases: (1) The social and cultural context in which organizations exist and function. (2) The ways in which that context (i.e. the environment) leads to changes in the structure of organizations. The course deals with the conditions under which organizations are created, grow, establish relations with their environments, develop strategies for survival and (sometimes) fail.

367 Latinos(as) and the Law ..... 3 cr
Prereq: CRMJ 101 or POLS 100 or consent of instructor. Freq: Occasionally
Introduces and examines experiences Latinos(as) encounter with and within the U.S. criminal justice system, as well as related international and transnational issues. A range of theoretical frameworks will be utilized, including socio-ecological, political, and psychological. Cross-listed with CRMJ 367/POLS 367

492 Practicum in Leadership ..... 3 cr
Prereq: ISTD 200 and two other leadership courses or consent of instructor. Freq: Yearly.
This course is designed to support students as they complete a major leadership project as a capstone experience to the leadership certificate. They will have the opportunity to discuss ideas, problems and successes with others doing similar projects. At the completion of their own project, they will reflect on their own experiences and fine-tune and improve their leadership style and specific leadership skills.

Courses in Liberal Studies (LBST)

290 Special Topics in Liberal Studies ..... 1-3 cr
Prereq: Consent of instructor. Freq: Occasionally.
Special topics in liberal studies will be examined. May be repeated for credit with different topic.

309 Gender, Marriage and Family in Chinese Societies ..... 3 cr
Prereq: Consent of Instructor. Freq: Occasionally
Examines various aspects of gender, marriage and family life in Chinese societies (Mainland China, Taiwan and Chinese-American communities in the United States). Topics include gender roles, sexuality, mate selection, marriage, family process, parenthood, family structure, elderly care, divorce and remarriage, and changing family systems. Cultural comparison will be emphasized.

390 Special Topics in Liberal Studies ..... 1-3 cr
Prereq: Consent of instructor. Freq: Occasionally.
Special topics in liberal studies will be examined. May be repeated for credit with different topic.

490 Special Topics in Liberal Studies ..... 1-3 cr
Prereq: Junior standing or consent of instructor. Freq: Yearly.
Special topics in liberal studies will be examined. May be repeated for credit with different topic.

494 Internship in Liberal Studies ..... 1-4 cr
Prereq: Liberal Studies major, junior standing, and consent of instructor. Freq: Fall, Spring
Directed field experience, focusing on application of scholarly concepts to the workplace. Specific arrangements to be made in consultation with adviser. Maximum of 4 credits may be applied to the major.

498 Senior Seminar Project ..... 3 cr
Prereq: Liberal Studies major, senior standing, and consent of instructor. Freq: Occasionally.
Enables students to apply the knowledge and competencies of Liberal Studies. Students will design a senior project, such as an essay or creative project of substantial length including a public presentation.

499 Independent Study ..... 1-3 cr
Prereq: Liberal Studies major, junior standing, and consent of instructor. Freq: Fall, Spring, Summer.
Individual study of selected topics in Liberal Studies.

MATHEMATICS AND PHYSICS

Greenquist 344 • 262-595-2326

Degree Offered:
Bachelor of Science.

Professors:
Beneish, Ph.D.; Mohazzabi, Ph.D.

Assistant Professors:
Bruning, Ph.D.; Karr, Ph.D.; Kreiman, Ph.D.; Nguyen, Ph.D.; Schmidt, Ph.D. (Chair);Yang, Ph.D.

Senior Lecturers:
Karanth, Ph.D.; Kohneh, B.S.; Miller, M.S.; Widup, B.A.

Physics Laboratory Manager:
Pidcock.

Professional Accreditations or Memberships:
American Mathematical Society

Student Organizations/Clubs:
Math Club; Pi Mu Epsilon (Wisconsin Gamma Chapter); Society of Physics Students

Career Possibilities for Mathematics Majors:
The future outlook for careers in mathematics remains promising, especially for those who combine their training with other specialties. A degree with a major in mathematics with supporting work in computer science, business or economics will increase employment opportunities.

Department Overview

The Mathematics and Physics Department offers a rigorous and well-balanced program of courses leading to a bachelor of science degree with majors in mathematics and physics. Mathematics is of central importance in the sciences. In fact, mathematics has been called the language of science. This applies not only to the physical and biological sciences but increasingly to the social, managerial and behavioral sciences as well. Much of mathematics has been developed to meet the needs of the areas of human knowledge that it serves. In addition to its service role in other areas, mathematics occupies a place of its own in our intellectual heritage. From ancient Greece to our own times, people have been drawn to the elegant structure.

The physics major is primarily intended for students who wish to pursue graduate work in physics or related areas, careers in higher education, or careers in technology-based industry.

The physics faculty is active in research. Current areas of research interest include astrophysics, computational physics, condensed matter theory, many-body theory, mathematical physics, quantum field theory, and statistical mechanics. Students majoring in physics have an excellent opportunity to get involved in ongoing research projects. In the recent past, students have appeared as co-authors on a number of scientific publications in research and teaching journals.

Program Level Outcomes for Mathematics

1. Formulate and prove mathematical results in the language of mathematics.
2. Perform technical mathematical computations in mathematics and related fields.
3. Translate ideas and meanings from the language of everyday life (English) into mathematical language (formulas and symbols).
4. Communicate in the language of mathematics.
5. Search for knowledge in independent and responsible ways.

Requirements for the Mathematics Major (40-46 credits)

The major in mathematics includes options in pure and applied mathematics and teaching mathematics in middle childhood through early adolescence. Students should declare their mathematics major before their sophomore year. Upon declaring a major in mathematics, students must consult with a mathematics adviser to set up a program of study.

At least 15 credits of upper-level courses in the major must be completed at UW-Parkside. Students may satisfy a mathematics major by completing the mathematics core and one of the following options or, upon consultation with a mathematics adviser, by developing programs to suit their special needs, subject to the written approval of the Mathematics Department. The following options are minimal, and students are encouraged to elect additional advanced mathematics courses.

Core Courses Required (24 credits)

These courses provide the background concepts and techniques required in upper-level mathematics offerings.

MATH 221	Calculus and Analytic Geometry I	5 cr
MATH 222	Calculus and Analytic Geometry II	5 cr
MATH 223	Calculus and Analytic Geometry III	5 cr
MATH 301	Linear Algebra	4 cr
PHYS 201	General Physics I	5 cr

General Mathematics Option (19-24 credits)

This sequence of courses leads to an undergraduate mathematics major covering the principal areas of modern mathematics. It is recommended for students planning to study mathematics in graduate school. Students in this program are required to take all of the courses in the Mathematics Core in addition to those listed below. Students are also encouraged to broaden their mathematics background by electing additional advanced courses.

Math Courses Required (4 credits)

MATH 350	Advanced Calculus	4 cr
	OR	
MATH 451	Topology	4 cr

300-Level Math Electives (3 courses)

MATH 303	Set Theory, Logic and Proof	3 cr
MATH 310	Advanced Probability Theory and Statistics	4 cr
MATH 317	Differential Equations and their Applications	4 cr
MATH 361	Foundations of Geometry	3 cr
MATH 367	Elementary Number Theory	4 cr

400-Level Math Electives* (2 courses/minimum of 5 credits required)

*Note MATH 303 is a prerequisite for several 400-level courses.

Applied Mathematics Option (19 credits)

This sequence of courses is intended for those students who are interested in mathematics and the application of mathematics. Students in this program are required to take all of the courses in the mathematics core together with those listed below. They are also encouraged to broaden their mathematics background by electing additional advanced courses.

Math Courses Required (15 credits)

MATH 310	Advanced Probability Theory and Statistics	4 cr
MATH 317	Differential Equations and their Applications	4 cr
MATH 350	Advanced Calculus	4 cr
MATH 368	Mathematical Modeling	3 cr

Math Electives (4 credits)

MATH 423	Complex Analysis	4 cr
OR		
MATH 441	Abstract Algebra	4 cr

Mathematics Major with Educator Development (Teaching)

Students interested in becoming teachers will need to complete an approved program pathway to a Wisconsin initial educator license. The approved pathway to this license is a structured collaboration between the general education program, the major in math, and the Institute of Professional Educator Development (IPED). All approved educator licensure pathways at UW-Parkside require admission to IPED's Educator Development Program. It is very important to contact the IPED adviser at 262-595-2180 as soon as possible. Ideally, students interested in teaching should meet with the IPED adviser before enrolling in any university courses. The IPED adviser will work with you to complete your application to IPED's Educator Development Program and coordinate advising with the Mathematics and Physics Department affiliate. Complete information about IPED and the Educator Development Program is available on our website.

Mathematics with a Second Major

Students are encouraged to consider combining a major in mathematics with a major in a related area, such as computer science, behavioral science, a physical science, business or economics. This has the advantage of enhancing the understanding of two allied areas, as well as improving the prospects for employment after graduation. Students with a second major may, with the consent of their mathematics adviser, make substitutions for the PHYS 201 requirement in the mathematics core. For example, mathematics-business management double majors may request substitution consisting of at least 5 credits of quantitative business management courses which use a substantial amount of mathematics.

Requirements for the Mathematics Minor (25-27 credits)

To earn a mathematics minor students must complete a minimum of 25 credits in mathematics by completing the four required courses and at least two other upper level courses, one of which must be at the 400-level.

Math Courses Required (19 credits)

MATH 221	Calculus and Analytic Geometry I	5 cr
MATH 222	Calculus and Analytic Geometry II	5 cr
MATH 223	Calculus and Analytic Geometry III	5 cr
MATH 301	Linear Algebra	4 cr

Math 400-level Elective (2-4 credits)

Additional Math Upper-level Elective (2-4 Credits)

Requirements for the Computer Science/Mathematics Double Major (89-90 credits)

Students may satisfy graduation requirements for both computer science and mathematics by completing all required courses for computer science with 9 elective credits and PHYS 201, together with the following mathematics courses (which automatically satisfy the computer science breadth requirement):

Math Courses Required (26 credits):

MATH 222	Calculus and Analytic Geometry II	5 cr
MATH 223	Calculus and Analytic Geometry III	5 cr
MATH 301	Linear Algebra	4 cr
MATH 303	Set Theory, Logic and Proof	3 cr
MATH 317	Differential Equations and their Applications	4 cr
MATH 350	Advanced Calculus	4 cr
	OR	
MATH 367	Elementary Number Theory	4 cr
MATH 441	Abstract Algebra	4 cr

Students completing the computer science/mathematics double major are strongly encouraged to take CSCI 331 as one of their electives.

High School Preparation

Students entering a degree program at UW-Parkside should have taken at least three years of high school mathematics including ninth-grade algebra, 10th-grade geometry and 11th-grade advanced algebra and trigonometry. Students intending to take college-level mathematics courses are encouraged to strengthen their preparation by taking 12th-grade pre-calculus. ACSK A010, ACSK A011, ACSK A015, ACSK A016 and MATH 111 are not replacements for high school mathematics courses.

Computational Skills Requirement

Students satisfy this requirement with the completion of either MATH 102 for 3 credits or MATH 111 for 4 credits (with a grade of C-minus or better).

Students are exempt from the requirement if their placement results (based on ACT scores or Wisconsin Placement Test) are above MATH 102 or MATH 111. Students must complete computational skills within their first 60 academic credits.

Placement Examination

Mathematics Placement is by ACT mathematics scores. It is possible as well to take a placement test. This examination serves as a guide for placement in mathematics courses. Placement in mathematics courses is usually made at the following levels:

1) ACSK A010, ACSK A015, MATH 102 or MATH 111 – students with fewer than three years of high school math, or inadequate background, or who have been out of school for an extended period of time.
2) MATH 112, MATH 113 or MATH 114 – students with three years of high school mathematics.
3) MATH 221 – students with four years of high school mathematics.

Program Level Outcomes for Physics

1. Student should be scientifically literate in the foundations of physics, both theoretical and practical.
2. Students should be able to take data in a lab environment or computer simulation, analyze it, present it coherently in a written format and draw from the analysis a convincing conclusion based upon the principles of the scientific method.
3. Students will master the tools of modern physics; mathematical, computational, and experimental.
4. The student should be able to orally present in a professional, lucid manner, the results and analysis of an experiment or research and effectively answer questions on the topic of their work in a scientific seminar format.
5. The student is expected to have mastered the methods of modern scientific exploration at an appropriate level, and engage in a continual self-examination for any deficiencies, and take advantage of opportunities to rectify them. The goal is to be fully prepared for the Physics GRE exam.

Requirements for the Physics Major (65 Credits)

The physics major consists of at least 42 credits of core courses and a minimum of 23 credits of support courses, in addition to the general university requirements. At least 15 credits of upper level courses must be completed at UW-Parkside.

Core Courses Required (42 credits)

PHYS 201	General Physics I	5 cr
PHYS 202	General Physics II	5 cr
PHYS 205	Modern Physics	3 cr
PHYS 241	Scientific Programming	3 cr
PHYS 301	Classical Mechanics	4 cr
PHYS 302	Electricity and Magnetism	4 cr
PHYS 303	Computational Physics	3 cr
PHYS 306	Advanced Experiments in Physics	3 cr
PHYS 307	Mathematical Methods of Physics	3 cr
PHYS 403	Thermodynamics and Statistical Physics	4 cr
PHYS 441	Quantum Physics	4 cr
PHYS 495	Senior Seminar	1 cr

Support Courses Required (23 credits)

MATH 221	Calculus and Analytic Geometry I	5 cr
MATH 222	Calculus and Analytic Geometry II	5 cr
MATH 223	Calculus and Analytic Geometry III	5 cr
MATH 301	Linear Algebra	4 cr
MATH 317	Differential Equations/Applications	4 cr

Students planning graduate work in physics will generally take more than the minimum number of credit hours in physics and additional mathematics courses. Reading proficiency (equivalent to about two years of study at the college level) in one foreign language is also recommended for such students.

Requirements for the Physics Minor (32 credits)

Physics Courses Required (16 credits)

PHYS 201	General Physics I*	5 cr
PHYS 202	General Physics II*	5 cr
PHYS 205	Modern Physics	3 cr
PHYS 306	Advanced Experiments in Physics	3 cr

Physics Elective Courses (6 credits)

Additional 300-level physics course	3 cr
Additional 200-level physics course	3 cr

Support Courses Required (10 credits)

MATH 221	Calculus and Analytic Geometry I	5 cr
MATH 222	Calculus and Analytic Geometry II	5 cr

* Qualified students may substitute PHYS 105-106 for the PHYS 201-202 requirement at the discretion of the Physics Department. Students are advised to consult the department for further information.

Courses in Mathematics (MATH):

102 Survey of Mathematics ..... 3 cr
Prereq: ACSK A015 or A016 with a minimum grade of C/CR; or appropriate placement. Freq: Fall, Spring.
Intended for students who need no further mathematics courses beyond competency. Topics selected from sets and logic, number theory, numeration systems, geometry, probability and statistics.

111 College Algebra I ..... 4 cr
Prereq: ACSK A015 or A016 with a minimum grade of C/CR; or appropriate placement. Freq: Fall, Spring.
Linear equations and inequalities; lines in the plane, rational exponents and radicals, polynomials and rational expressions, quadratic polynomials, systems of equations, exponential equations and logarithms.

112 College Algebra II ..... 4 cr
Prereq: A grade of C- or better in MATH 111 or equivalent, or appropriate placement score. Freq: Fall, Spring.
Functions and graphs, polynomial functions, exponential and logarithmic functions, sequences, series, induction and combinatorics. Two hours lecture; two hours discussion/problem solving.

113 Trigonometry ..... 2 cr
Prereq: MATH 112 or equivalent or concurrent registration. Freq: Fall, Spring.
An introduction to trigonometry with applications. Angular and circular definitions of trigonometric functions, graphing, use of fundamental identities.

114 College Algebra II with Trigonometry ..... 5 cr
Prereq: A grade of C- or better in MATH 111 or equivalent or appropriate placement score. Freq: Fall, Spring.
Functions and graphs, polynomials and rational functions, exponential and logarithmic functions, trigonometric functions, trigonometric identities and equations, applications, sequences, series. Not open to those with credit in MATH 112 or 113.

215 Mathematics for Middle Childhood Through Early Adolescence Teachers I ..... 3 cr
Prereq: A grade of C or better in MATH 111 or consent of instructor. Freq: Occasionally.
Topics include the development of the algorithms of arithmetic, numeration systems, problem solving, number theory and set theory.

216 Mathematics for Middle Childhood Through Early Adolescence Teachers II ..... 3 cr
Prereq: MATH 215. Freq: Occasionally.
Topics include introductory geometry, constructions, congruence, similarity, motion geometry, concepts of -measurements, probability and statistics.

221 Calculus and Analytic Geometry I ..... 5 cr
Prereq: MATH 112 and 113 or equivalent or appropriate -placement score. Freq: Fall, Spring.
Rate of change and limits, differentiation, applications of the derivative, integration, applications of the integral and transcendental functions. Three hour lecture; two hour discussion.

222 Calculus and Analytic Geometry II ..... 5 cr
Prereq: MATH 221 or equivalent. Freq: Fall, Spring.
Methods of integration, analytic geometry, polar coordinates, hyperbolic functions, infinite series, power series, and introduction to ordinary differential equations. Three hour lecture; two hour discussion.

223 Calculus and Analytic Geometry III ..... 5 cr
Prereq: MATH 222. Freq: Fall, Spring.
Vectors and parametric equations, vector functions and their derivatives, partial and directional derivatives, multiple integrals, vector analysis, Green's Theorem and Stokes' Theorem. Three hour lecture; two hour discussion.

231 Discrete Mathematics ..... 3 cr
Prereq: MATH 112 with a C or better. Freq: Fall, Spring.
Sets; the number system; Boolean algebra; formal logic and proofs; relations and functions; combinatorics and recurrence relations; graphs and trees. Cross-listed with CSCI 231.

290 Special Topics in Mathematics ..... 1-4 cr
Prereq: None. Freq: Occasionally.
Selected topics in mathematics will be examined.

301 Linear Algebra ..... 4 cr
Prereq: MATH 223 or MATH 222 and consent of instructor. Freq: Fall.
Introduction to linear algebra including systems of -equations, matrices, determinants, vector spaces and linear transformations, and diagonalization.

303 Set Theory, Logic and Proof ..... 3 cr
Prereq: MATH 222; or PHIL 201 and consent of instructor. Freq: Fall.
Elementary propositional and predicate logic; language and axioms of set theory; operations on sets; well-orderings, ordinals, transfinite induction and recursion; cardinals; the axiom of choice ; Introduction to combinatorics; Introduction to reading and writing of proofs in mathematics. Cross-listed with PHIL 303.

309 Probability and Statistics ..... 3 cr
Prereq: C or better in Math 221 or consent of instructor. Freq: Spring.
Elementary probability; random variables, properties of distributions, sampling, queuing theory, central limit theorem and law of large numbers. Cross-listed with CSCI 309.

310 Advanced Probability Theory and Statistics ..... 4 cr
Prereq: MATH 223. Freq: Fall.
The main mathematical methods and techniques of probability theory; random variables, expected values, variance, central limit theorem, parameter estimation, and hypothesis testing.

317 Differential Equations and Their Applications ..... 4 cr
Prereq: MATH 222. Freq: Fall.
First- and second-order differential equations and applications; higher-order linear differential equations; series solutions of second-order differential equations; Laplace transforms; matrix algebra, systems of equations, eigen values and eigenvectors; systems of differential equations; and partial differential equations. Not open to those with credit in MATH 321.

331 Logic and Combinatorics ..... 3 cr
Prereq: MATH 222. Freq: Yearly.
Permutations and combinations, graphs, trees, mathematical induction, propositional calculus, Mathematica and its applications in combinatorics, number theory and linear programming. Intended for students working for teaching certification in mathematics.

350 Advanced Calculus ..... 4 cr
Prereq: MATH 223, 301. Freq: Spring.
This course covers the fundamental notions of limits, continuity, uniform continuity, derivative, and integral. Also examines infinite series with a study of convergence and uniform convergence.

361 Foundations of Geometry ..... 3 cr
Prereq: MATH 222. Freq: Yearly.
Introduction to axiomatic geometry including Euclidean, non-Euclidean, and projective geometries.

367 Elementary Number Theory ..... 4 cr
Prereq: MATH 222. Freq: Spring.
Prime numbers, fundamental theorem of arithmetic, congruence, quadratic residues and quadratic reciprocity, partitions, number theoretic functions and diophantine equations.

368 Mathematical Modeling ..... 3 cr
Prereq: MATH 222; PHYS 241 or CSCI 130 or consent of instructor. Freq: Yearly.
Survey of mathematical models, models involving -differential equations, probabilistic models, Markovian -models, simulation, and Monte Carlo methods. Cross-listed with CSCI 368.

373 History of Mathematics ..... 3 cr
Prereq: MATH 221 or consent of instructor. Freq: Occasionally.
Main lines of mathematical development from the Babylonians, Egyptians and Greeks to the present day; the lives of great mathematicians: Euclid, Archimedes, Descartes, Newton, Gauss, Cantor.

421 Real Analysis ..... 4 cr
Prereq: MATH 350. Freq: Occasionally,
Construction of the real number system; basic theory of metric spaces; fundamental notions of limit, continuity, uniform continuity and basic theorems concerning these; convergence and uniform convergence; differentiation and the Riemann integral.

422 Topics in Real Analysis ..... 4 cr
Prereq: MATH 421. Freq: Occasionally.
Differentials and Jacobians; implicit and inverse function theorems; introduction to the Lebesque integral; additional topics chosen in accordance with the interests and needs of the participants.

423 Complex Analysis ..... 4 cr
Prereq: MATH 223. Freq: Spring.
Elementary functions of a complex variable; analytic -functions; complex integrals and residue theory; conformal mapping; applications to electrostatics and hydrodynamics.

441 Abstract Algebra ..... 4 cr
Prereq: MATH 301, MATH 303; or consent of instructor. Freq: Fall.
A study of group theory which includes subgroups, normal subgroups, isomorphisms, quotient groups, Cayley's Theorem, and Lagrange's Theorem. Provides an introduction to ring theory which includes subrings, ideals and factor rings, and polynomial rings.

442 Topics in Abstract Algebra ..... 4 cr
Prereq: MATH 441. Freq: Occasionally.
Rings and ideals; fundamental theorems of Abelian groups; Sylow theorems; solvable groups; elements of Galois theory; solvability by radicals; characteristic roots, matrices and canonical forms. Additional topics chosen in accordance with the needs and interests of the participants, e.g. applications of group theory.

451 Topology ..... 4 cr
Prereq: MATH 301, MATH 303; or consent of instructor. Freq: Spring.
Introduction to the theory of topological spaces, metric spaces, continuous functions, two-dimensional manifolds, and the concept of the fundamental group.

461 Differential Geometry ..... 3 cr
Prereq: MATH 301 and 350. Freq: Occasionally.
Local theory of curves and surfaces, curvature tensors, and global theory of surfaces.

467 Computability and Automata ..... 3 cr
Prereq: C or better in MATH/CSCI 331. Freq: Occasionally.
Turing machines, recursive functions, Kleene's T Predicate, Ackermann's functions, finite automata, grammars and languages. Cross-listed as CSCI 467.

490 Special Topics in Mathematics ..... 1-3 cr
Prereq: Consent of instructor. Freq: Occasionally.
Intensive treatment of various specialized areas of mathematics.

495 Senior Seminar ..... 1-2 cr
Prereq: Senior standing and consent of instructor. Freq: Occasionally.
Research and presentation of selected topics from the mathematical literature. One hour discussion.

499 Independent Study ..... 1-3 cr
Prereq: Consent of instructor and department chair.
Freq: Occasionally.

Courses in Physics (PHYS)

NOTE: In addition to the prerequisites listed below, a grade of C or better in PHYS 201 and 202 is required for entry to all 300- and 400-level physics courses.

101 Principles of Physics ..... 4 cr
Prereq: Computational Skills required or equivalent.
Freq: Fall, Spring.
A one-semester introduction to fundamental principles of physics, their experimental basis, and applications. For students who need an introductory course in physics. Not open to students with credit in PHYS 105 or 201. Three-hour lecture; one-hour discussion.

102 Principles of Physics with Medical Applications ..... 4 cr
Prereq: Computational Skills required or equivalent.
Freq: Fall, Spring.
A one-semester introduction to fundamental principles of physics, their experimental basis, and applications in medical and related fields. For pre-health students who need an introductory course in physics. Not open to students with credit in PHYS 101, 105 or 201. Three-hour lecture; one-hour discussion.

105 College Physics I.....5 cr
Prereq: MATH 113, 114 or equivalent. Freq: Fall.
Mechanics, heat, and sound. Not recommended for students majoring in physical science or engineering. Not open to students with credit in PHYS 201. Three-hour lecture; one-hour discussion; three-hour lab.

106 College Physics II.....5 cr
Prereq: PHYS 105. Freq: Spring.
Electricity and magnetism, light and modern physics. Not open to students with credit in PHYS 202. Three-hour lecture; one-hour discussion; three-hour lab.

110 Introduction to Astronomy .....3 cr
Prereq: None. Freq: Fall, Spring.
Astronomy for non-scientists. Largely non-mathematical. Planets, stellar evolution, galactic systems, cosmology. Three-hour lecture.

120 Astronomy of Native America.....3 cr
Prereq: None. Freq: Fall, Spring.
Examines the astronomical views of Native Americans from a cultural perspective and looks at how worldview, science and discrimination intersect. Current cultural conflicts between Western astronomers and Native groups and the growth of modern astronomy from the astronomies of indigenous cultures will be examined. Crosslisted with ETHN 120. Three-hour lecture.

150 Physics of Music.....3 cr
Prereq: None. Freq: Occasionally.
An introduction to the basic physical principles underlying music and musical instruments. Not for credit towards the physics major.

201 General Physics I .....5 cr
Prereq: MATH 221 (grade of C or higher) or concurrent registration. Freq: Fall.
Mechanics, heat, and sound. For physical science and engineering majors. Three-hour lecture; one-hour discussion; three-hour lab.

202 General Physics II .....5 cr
Prereq: PHYS 201; MATH 222 or concurrent registration. Freq: Spring.
Electricity and magnetism, geometrical optics, and physical optics. For physical science and engineering majors. Three-hour lecture; one-hour discussion; three-hour lab.

205 Modern Physics .....3 cr
Prereq: PHYS 202. Freq: Fall.
Special relativity. Elements of quantum mechanics. Introduction to atomic, molecular, solid state, nuclear, and particle physics. Three-hour lecture.

241 Scientific Programming.....3 cr
Prereq: PHYS 201 and MATH 221 or consent of instructor. Freq: Alternate Falls.
Programming in C, C++, fortran, PERL and symbolic or computer algebra languages with applications to scientific problem solving and simulations. Three-hour lecture/lab.

290 Special Topics in Physics .....1-4 cr
Prereq: Consent of instructor. Freq: Occasionally.
Special topics in physics will be examined.

301 Classical Mechanics.....4 cr
Prereq: PHYS 201; MATH 317, or concurrent registration or consent of instructor. Freq: Alternate Falls.
Vector analysis, conservation laws, planetary motion, rigid-body dynamics, free and forced oscillations, normal coordinates, moving coordinate systems, generalized coordinates, Lagrangian and Hamiltonian formulations. Continuum mechanics. Four-hour lecture.

302 Electricity and Magnetism.....4 cr
Prereq: PHYS 202; MATH 317, or concurrent registration or consent of instructor. Freq: Alternate Falls.
Electrostatics, magnetostatics, electromagnetic fields through Maxwell's equations with basic applications. Radiation, Lienard-Wiechert potentials, sources of radiation, antenna theory. Scalar diffraction theory. Wave optics for transparent or conductive media. Four-hour lecture.

303 Computational Physics.....3 cr
Prereq: PHYS 205; MATH 223, PHYS 241, or consent of instructor. Freq: Alternate Springs.
An introduction to computational physics with applications to classical mechanics, electromagnetism, and quantum mechanics. Monte Carlo methods. Introduction to molecular dynamics. Three-hour lecture.

306 Advanced Experiments in Physics.....3 cr
Prereq: PHYS 205. Freq: Alternate Springs.
Advanced experiments in optics, atomic, molecular, solid state, and nuclear physics. Analog electronics through transistors and op-amps. Basic digital electronics. Six-hour lab.

307 Mathematical Methods of Physics.....3 cr
Prereq: MATH 222, PHYS 202. Freq: Alternate Falls.
Methods of integration, series and products, combinatorics, statistics, special functions and differential equations, numerical methods and algorithms. Three-hour lecture.

403 Thermodynamics and Statistical Physics.....4 cr
Prereq: MATH 301 and 317 or PHYS 307 or consent of instructor. Freq: Alternate Springs.
An introduction to equilibrium statistical mechanics and its applications. The first half emphasis is on thermodynamics and classical statistical mechanics, microcanonical, canonical, and grand canonical ensembles, partition functions, and the Ising model. The second half is quantum statistical mechanics, Fermi and Bose gases, and critical phenomena. Four-hour lecture.

441 Quantum Physics.....4 cr
Prereq: PHYS 205; MATH 301 and 317 or PHYS 307 or consent of instructor. Freq: Alternate Springs.
The origin of quantum mechanics. The free particle in wave mechanics. Particles in one-dimensional potentials. Axiomatic foundations of quantum mechanics; the evolution of states in time. Particles in three dimensions and angular momentum. Central potentials. The course also introduces the concept of spin and the exclusion principle, and the Dirac equation with its associated phenomenology. Four-hour lecture.

490 Special Topics in Physics .....1-4 cr
Prereq: Consent of instructor. Freq: Occasionally.
Special topics in physics will be examined.

495 Senior Seminar .....1 cr
Prereq: Junior or senior standing. Freq: Fall, Spring.
A directed study of one of the current topics in physics. Each student is required to submit a written report and present a 50-minute seminar on the subject. Students are recommended to take two consecutive semesters of 495.

497 Senior Thesis.....1-2 cr
Prereq: Consent of instructor. Freq: Occasionally.
By special arrangement with instructor.

499 Independent Study.....1-3 cr
Prereq: Consent of instructor and department chair. Freq: Occasionally.
By special arrangement with instructor.

MODERN LANGUAGES

RITA/CART 265 • 262-595-2331

Degree Offered:
Bachelor of Arts.

Faculty:
See listings under each language.

Student Organizations/Clubs:
French Club, German Club, Spanish Club

Career Possibilities:
Teaching, translation, foreign or diplomatic service, editing and publishing, media (film, radio, etc.), banking, business (purchasing, marketing, advertising, etc.), and travel services. Consult with faculty members about your interests.

Department Overview

In this time of internationalization and globalization, knowledge of a second language and the culture in which that language operates is a fundamental qualification necessary to many professions. The Modern Languages Department at UW-Parkside offers courses in the French, German, Italian and Spanish languages, literatures, and cultures, as well as introductory courses in other languages such as Mandarin Chinese when staffing and funding allow. Modern Languages courses also fulfill requirements in other academic areas on campus including international studies, ethnic studies, humanities, women's studies, business management, and music. The department encourages all students to pursue study-abroad programs and assists students in finding a program suitable for their needs.

Preparation for Graduate School

Students who intend to do graduate work in the modern languages should be aware that graduate programs often expect specific course work/concentrations from their applicants. Note, for example, that students of French and German have the option of fulfilling their majors with course work in other departments, but should plan to do as much work in the French/German language as possible if they plan to apply for graduate school. Consult your faculty adviser.

Internships

The Modern Languages Department offers internships in collaboration with area businesses, governmental agencies and not-for-profit agencies.

General Enrichment Courses Offered in English

The following courses, when taught in English, do not carry modern language credit, do not fulfill language requirements, and may not count toward the modern language major. They are offered occasionally for general enrichment.

FREN 218	French Civilization and Culture	3 cr
FREN 290	Special Topics in French	1-3 cr
GER 210	German Civilization and Culture	3 cr
GER 290	Special Topics in German	1-3 cr
SPAN 225	Contemporary Hispanic Writers in the U.S.	3 cr
SPAN 290	Special Topics in Spanish	1-3 cr
SPAN 440	Advanced /Studies in Hispanic Literature in Translation	3 cr

Spanish

Associate Professor:
Gonzalez, Ph.D.

Associate Professor:
McNair, Ph.D.

Senior Lecturer:
Leavitt, M.A.

Lecturers:
Fill, M.A.; Rodriguez-Juarez, M.A.T.

The Spanish program, which offers a Spanish major and a Spanish minor, seeks to give students the requisite linguistic skills with which to read, discuss, and write intelligibly in Spanish. For students wishing to broaden their proficiency, the Spanish program offers a variety of advanced Spanish-language courses which deal with aspects of both Peninsular and Latin American literature and culture. Students have an opportunity in these courses to sharpen their linguistic proficiency while at the same time gaining a better understanding of the contributions made by Spanish-language philosophers, artists, and writers.

Program Level Outcomes

Graduates with a MAJOR in Spanish will:

1. Communicate effectively in spoken form in the target language.

2. Communicate effectively in written form in the target language.
3. Present information, concepts, and ideas to an audience of listeners or readers on a variety of topics in the target language.
4. Analyze artifacts from the target culture and compare and contrast the target culture with their own culture.

Requirements for Admission to the Spanish Major

To be eligible for entrance into the Spanish major, the student must (1a) have either a minimum 2.5 GPA in SPAN 203 or a combined GPA of at least 2.5 in SPAN 203 and 204, or (1b) place into SPAN 303 and complete that course with at least a 2.5 GPA. Additionally, to be eligible for entrance into the Spanish major, the student must (2) have an overall GPA of at least 2.5.

Requirements for the Spanish Major (34 credits)

ALL students entering into the 300 level of Spanish classes must take an oral proficiency test. This test is administered in the language lab, at the convenience of the lab director. Students whose scores fall below the cutoff on this oral proficiency test must enroll in SPAN 307, concurrently with SPAN 303, and must take a total of 12 additional credits of electives. Students whose scores fall above the cutoff on this oral proficiency test can not enroll in SPAN 307 and must take a total of 15 additional credits of electives. Students must have an overall GPA of 2.75 or better in all of the Spanish classes counted for the major to be eligible to graduate with the major in Spanish.

The Spanish major consists of a minimum of 34 credits in Spanish beyond the second-year level (203-204). Students are expected to demonstrate basic standards of linguistic proficiency and content competency (cultural and literary) that have been established and will likely include a senior examination.

At least 15 credits of upper-level courses in the major must be completed at UW-Parkside.

A. Required Courses (34 credits)

SPAN 303	Spanish Grammar and Composition I	3 cr
AND		
SPAN 304	Spanish Grammar and Composition II	3 cr
AND		
SPAN 307	Advanced Spanish Conversation (for students whose oral proficiency test scores fall below the cutoff)	3 cr
SPAN 321	Spanish and Spanish-American Literature to 1700	3 cr
SPAN 322	Spanish Literature Since 1700	3 cr
SPAN 335	Spanish-American Literature Since 1700	3 cr
SPAN 403	Advanced Spanish Grammar	3 cr
SPAN 495	Senior Seminar	1 cr

B. Elective Courses (12-15 credits)

12 cr (for students who take 307) or 15 cr (for students who test out of 307)

Requirements for Admission to the Spanish Minor

To be eligible for entrance into the Spanish minor, the student must (1a) have either a 2.5 GPA in SPAN 203 or a combined GPA of 2.5 in SPAN 203 and 204, or (1b) place into SPAN 303 and complete that course with a 2.5. Additionally, to be eligible for entrance into the Spanish minor, the student must (2) have an overall GPA of 2.5.

Requirements for the Spanish Minor (15 credits)

Students must have an overall GPA of 2.75 or better in all of the Spanish classes counted for the minor to be eligible to graduate with a minor in Spanish.

The minor in Spanish consists of a minimum of 15 credits beyond the second-year level (203-204).

A. Required Courses (15 credits)

SPAN 303	Spanish Grammar and Composition I	3 cr
AND		
SPAN 304	Spanish Grammar and Composition II	3 cr
AND		
SPAN 307	Advanced Spanish Conversion (for students whose oral proficiency test scores fall below the cutoff)	3 cr

B. Electives (6-9 credits)

For students who take 307	6 cr
For students who place out of 307	9 cr

Electives must include at least 3 credits of course work in literature.

Courses in Spanish (SPAN)

Students entering from high school must have placement test results (UW System placement tests offered at regional testing and at UW-Parkside) in order to enter SPAN 104, 203, 204, and 303. The Modern Languages Department reserves the right to refuse access to any language class (including 103) to any student under the following circumstances:

1. the student has not taken the placement exam, or
2. the student's previous experience in the study of the language makes enrollment in the class in question inappropriate.

ONCE STUDENTS HAVE TAKEN A COURSE IN THE SPANISH LANGUAGE SEQUENCE (103-304 AND 403) THEY MAY NOT AFTERWARDS TAKE A LOWER COURSE IN THE SEQUENCE FOR CREDIT.

103 Introductory Spanish I ..... 4 cr
Prereq: Placement exam or no prior knowledge of Spanish. Freq: Fall, Spring, Summer.
Development of basic listening, speaking, reading and writing skills in Spanish.

104 Introductory Spanish II ..... 4 cr
Prereq: SPAN 103 or equivalent or placement exam. Freq: Fall, Spring, Summer.
A continuation of Spanish 103.

111 Spanish for Singers ..... 1 cr
Prereq: Enrollment in vocal music. Freq: As needed.
To help university vocal and choral students gain theoretical understanding and practical mastery of diction in Spanish as it pertains to specific, select songs and choral pieces being learned with texts in those languages. Does not count for credit toward Spanish major or minor.

203 Intermediate Spanish I ..... 4 cr
Prereq: SPAN 104 or equivalent or placement exam. Freq: Fall.
Review and further development of listening, speaking, reading and writing skills in Spanish.

204 Intermediate Spanish II ..... 4 cr
Prereq: SPAN 203 or equivalent or placement exam. Freq: Spring.
A continuation of Spanish 203.

225 Contemporary Hispanic Writers in the U.S.A. ..... 3 cr
Prereq: None. Freq: Occasionally.
An exploration of the literary works on contemporary Hispanic writers. May not be counted toward Spanish major when taught in English.

290 Special Topics in Spanish ..... 1-3 cr
Prereq: None. Freq: Occasionally.
Selected topics in Spanish studies will be examined. May not be counted toward Spanish major when taught in English.

303 Spanish Grammar and Composition I ..... 3 cr
Prereq: SPAN 204 or equivalent. Oral proficiency exam required. Concurrent enrollment in SPAN 307 required of students who do not test out by oral proficiency exam. Freq: Fall.
Essential points of grammar, with emphasis on syntax and development of writing skills. Concurrent enrollment in SPAN 321 recommended for major.

304 Spanish Grammar and Composition II ..... 3 cr
Prereq: SPAN 303 and 307 (or test out of 307). Freq: Spring.
A continuation of SPAN 303. Essential themes of grammar, with emphasis on the syntax of verbs and the acquisition of terminology and skills to facilitate analysis. Concurrent enrollment in SPAN 322 and/or SPAN 335 recommended for major.

307 Advanced Spanish Conversation ..... 3 cr
Prereq: SPAN 204 or placement in SPAN 303; concurrent enrollment in SPAN 303 and oral proficiency exam required along with consent of instructor. Freq: Fall, Spring.
Focus on improving oral proficiency through intensive conversation practice. Topics vary. May be repeated as needed for up to 3 elective credits with different topic.

318 Spanish Civilization and Culture ..... .3 cr
Prereq: None in English, SPAN 303 and 307(or test out of 307) in Spanish. Freq: Occasionally.
Presentation and discussion of historical, philosophical, and artistic elements of the Spanish society. Does not apply for Spanish major unless conducted in Spanish. Occasionally in English.

319 Latin American Civilization and Culture ..... 3 cr
Prereq: None in English, SPAN 303 and 307 (or test out of 307) in Spanish. Freq: Occasionally.
Presentation and discussion of historical, philosophical and artistic elements of Latin America. Does not apply for Spanish major unless conducted in Spanish. Offered variously in Spanish or English. occasionally in English.

321 Spanish and Spanish-American Literature to 1700 ..... 3 cr
Prereq: SPAN 303 and 307 (or test out of 307). Freq: Fall.
Survey of literature of the Spanish-speaking world from beginnings to 1700; includes American Pre-Colombian, Mozarabic, and Andalusian Arabic literature in translation in addition to Spanish literature of the Peninsula and its colonial possessions.

322 Spanish Literature Since 1700 ..... 3 cr
Prereq: SPAN 303 and 307(or test out of 307).. Freq: Spring.
Survey of Spanish peninsular literature since 1700.

335 Spanish-American Literature Since 1700 ..... 3 cr
Prereq: SPAN 303 and 307(or test out of 307). Freq: Spring.
Survey of Spanish-American literature since 1700.

350 Spanish Phonetics ..... 3 cr
Prereq: SPAN 304 or equivalent. Freq: Occasionally.
Theory of Spanish sounds in contrast to English combined with practical laboratory training in pronunciation and orthography. Required of all students preparing for certification as language teachers.

403 Advanced Spanish Grammar ..... 3 cr
Prereq: SPAN 304 or equivalent. Freq: Occasionally.
Analysis of questions of syntax and style; emphasis on idiomatic Spanish.

413 Translation ..... 3 cr
Prereq: Span 304 or consent of instructor. Freq: Occasionally.
Acquire techniques for translation from English to Spanish. Discuss general theory about common translation problems and practice translation to increase vocabulary and reinforce the structures of the Spanish language.

415 Spanish for Journalism ..... 3 cr
Prereq: SPAN 303 and 307(or test out of 307). Freq: Occasionally.
Designed to refine writing in Spanish through the process of creating and editing newsworthy articles.

416 Children's Literature ..... 3 cr
Prereq: SPAN 303 and 307(or test out of 307). Freq: Occasionally.
A study of the oral and written literature for children from the pre-Hispanic period to the present. Highly recommended for teacher certification candidates.

417 Spanish for Criminal Justice ..... 3 cr
Prereq: SPAN 303 and 307(or test out of 307). Freq: Occasionally.
Course will focus on legal terminology and proceedings in order to help police officers and other professionals in criminal justice.

418 Medical Spanish ..... 3 cr
Prereq: SPAN 303 and 307(or test out of 307).Freq: Summer, Fall (even years).
Introduction to and practice in conversational Spanish medical terminology applicable to the different branches of medical care.

419 Spanish for Business ..... 3 cr
Prereq: SPAN 303 and 307(or test out of 307). Freq: Occasionally.
The course focuses on business terminology and procedure for Spanish-speaking countries. Emphasis is on written Spanish supplemented by conversational work.

420 Topics in Spanish Literature and Culture ..... .3 cr
Prereq: SPAN 322 or equivalent, or consent of instructor. Freq: Occasionally.
In-depth analysis of an aspect of the literature or culture of Spain. Content will vary. Course may be repeated under different subtitle.

435 Topics in Latin American Literature or Culture ..... 3 cr
Prereq: SPAN 304 or equivalent, or consent of instructor. Freq: Fall, Spring.
In-depth analysis of an aspect of the literature or culture of Latin America. Content will vary. Course may be repeated under different subtitle.

440 Advanced Studies in Hispanic Literature in Translation ..... 3 cr
Prereq: Junior standing. Freq: Occasionally.
Study of representative Spanish and Latin American works in translation from the standpoint of analytic methods: approaches to critical analysis or problems in the theory of literature (genre theory, comparative study of themes or styles, discussion of literary movements). May be repeated for credit with different subject matters. May not be counted toward Spanish major.

475 Internship.....1-3 cr
Prereq: SPAN 304, Spanish major and consent of instructor and department chair. Freq: Fall, Spring.
Interns work with area businesses, government agencies and service Agencies. May repeat for credit.

490 Special Topics in Spanish.....1-4 cr
Prereq: None. Freq: Occasionally.
Selected topics in Spanish studies will be examined.

494 Fieldwork in Spanish.....1-3 cr
Prereq: Consent of instructor and department chair.
Freq: Occasionally.
Application of Spanish in areas of community concern and in local business and industry. May be repeated for maximum of 6 credits.

499 Independent Study .....1-3 cr
Prereq: Junior standing, consent of instructor and department chair. Freq: Occasionally.
Available to qualified students under supervision of individual instructor. Normally, no more than 6 credits of Independent Study may be counted toward the major.

Please note that declaration of majors for French Studies has been suspended by the administration as of fall 2006. The major may resume if there is increased student interest. Please contact the department for information as to whether the suspension has been lifted. The MINOR REMAINS UNCHANGED.

French

Coordinator/Lecturer:
Hicks, Ph.D.

The French program, which offers a French studies major and a French minor, seeks to give students the requisite linguistic skills with which to read, discuss, and write intelligibly in French. For students wishing to broaden their proficiency, the French program offers advanced French language courses which deal with various aspects of French literature and culture.

Students have an opportunity in these courses to sharpen their linguistic proficiency while at the same time gaining a better understanding of the contributions made by French-language philosophers, artists, and writers. The French program's course offerings can be supplemented by a number of courses from other departments as part of the French studies major. Students who wish to pursue the study of French at the graduate level are encouraged to take as many French program courses as possible.

Requirements for Admission to the French Studies Major:

Note: New major program declarations in French Studies are currently suspended.

For entrance into the French Studies major, the student must: (1a) have a grade of at least C+ (2.33) in FREN 203 or a combined GPA of at least 2.50 in FREN 203-204 or (1b) place into FREN 301, and (2) have at least a 2.50 overall GPA.

Requirements for the French Studies Major (24 credits)

The French Studies major consists of a minimum of 24 credits beyond the second-year level (203–204). At least 15 credits of upper-level courses in the major must be completed at UW-Parkside. Basic standards of linguistic proficiency and content competency (cultural and literary) have been established and will include a senior project and a minimal portfolio.

A. Required Core Courses Beyond the Second-Year Level, 203-204 (12 credits)

FREN 301	French Conversation & Composition ..	3 cr
FREN 318	French Civilization and Culture.....	3 cr
FREN 320	Introduction to French Literature.....	3 cr
FREN 495	Senior Project.....	3 cr

B. Elective Courses (12 credits)

Students who wish to emphasize study in and about French language and literature are encouraged to choose as many French program offerings as possible. Alternate courses from other departments may be chosen after consultation with the student's adviser in French. Students should also contact the French faculty about distance-learning possibilities. Students must fulfill any course prerequisites for courses in other departments:

ART 343	Modern Art.....	3 cr
ECON 310	International Trade.....	3 cr
ENGL 247	Survey of Modern World Literature. ...	3 cr
FREN 318	French Civilization and Culture*	3 cr
FREN 320	Introduction to French Literature*	3 cr
FREN 350	French Phonetics	3 cr
FREN 402	Advanced Studies in French.....	3 cr
FREN 475	Translation Internship.....	1-3 cr
FREN 490	Special Topics in French.....	3 cr
FREN 494	Fieldwork in French	3 cr
FREN 499	Independent Study.....	3 cr
HIST 362	Topics in 19th Century Europe.....	3 cr
HIST 363	Europe Between the Wars 1919-1939.....	3 cr
HIST 364	Europe Since 1945.....	3 cr
MUS 414	History of Western Music II.....	3 cr
POLS 330	European Politics	3 cr

Requirements for Admission to the French Minor:

For entrance into the French minor, the student must: (1a) have a grade of at least C+ (2.33) in FREN 203 or a combined GPA of at least 2.50 in FREN 203-204 or (1b) place into FREN 301, and (2) have a 2.50 overall GPA.

Requirements for the French Minor (12 credits)

The minor in French consists of a minimum of 12 credits beyond the second-year level (203-204). The following courses are required:

FREN 301	French Conversation & Composition ..	3 cr
FREN 318	French Civilization and Culture.....	3 cr
FREN 320	Introduction to French Literature.....	3 cr
	One FREN elective course.....	3 cr

Courses in French (FREN)

Students entering from high school must have placement test results (UW System placement tests offered at regional testing and at UW-Parkside) in order to enter French 104, 203, 204, and 301. The Modern Languages Department reserves the right to refuse access to any language class (including 103) to any student under the following circumstances:

1. the student has not taken the placement exam or
2. the student's previous experience in the study of the language makes enrollment in the class in question inappropriate.

ONCE STUDENTS HAVE TAKEN A COURSE IN THE FRENCH LANGUAGE SEQUENCE (103-301) THEY MAY NOT AFTERWARDS TAKE A LOWER COURSE IN THE SEQUENCE FOR CREDIT.

103 Introductory French I..... 4 cr
Prereq: Placement exam or no prior knowledge of French. Freq: Fall.
Development of basic listening, speaking, reading, and writing skills in French.

104 Introductory French II..... 4 cr
Prereq: FREN 103 or equivalent or placement exam. Freq: Spring.
A continuation of French 103.

111 French for Singers..... 1 cr
Prereq: Enrollment in vocal music. Freq: As needed.
To help university vocal and choral students gain theoretical understanding and practical mastery of diction in French as it pertains to specific, select songs and choral pieces being learned with texts in those languages. Does not count for credit toward French major or minor.

203 Intermediate French I..... 4 cr
Prereq: FREN 104 or equivalent or placement exam. Freq: Fall.
Review and further development of listening, speaking, reading, and writing skills in French.

204 Intermediate French II..... 4 cr
Prereq: FREN 203 or equivalent or placement exam. Freq: Spring.
A continuation of FREN 203.

218 French Civilization and Culture (in English)..... 3 cr
Prereq: None. Freq: Occasionally.
Multimedia presentation and discussion of historical, philosophical, and artistic developments in France.

290 Special Topics in French..... 1-3 cr
Prereq: None. Freq: Occasionally.
Special topics in French studies will be examined. May not be counted toward French studies major when taught in English.

301 French Conversation and Composition..... 3 cr
Prereq: FREN 204 or equivalent or placement exam.
Freq: Every other Fall.
Advanced training in conversation and composition with emphasis on acquiring communicative skills in colloquial French.

318 French Civilization and Culture..... 3 cr
Prereq: FREN 204 or equivalent. Freq: Alternate Springs.
Multi-media presentation and discussion of historical, philosophical, and artistic developments in various periods in France. Readings in French. May be repeated for credit with different content.

320 Introduction to French Literature..... 3 cr
Prereq: FREN 204 or equivalent. Freq: Alternate Springs.
Study of a major literary genre and/or a cultural/literary period or movement. Development of historical perspective and techniques of critical analysis through the study of selected masterpieces of French poetry, drama or prose. May be repeated for credit with different content.

350 French Phonetics..... 3 cr
Prereq: FREN 204 or equivalent. Freq: Every other Fall.
Theory of French sounds in contrast to English, combined with practical laboratory training in pronunciation and orthography. Required of all intending to be teachers.

402 Advanced Studies in French..... 3 cr
Prereq: FREN 301 or equivalent or consent of instructor.
Freq: Occasionally.
Studies in French language, culture or literature. May be repeated for credit with different subject matter.

475 Translation Internship..... 1-3 cr
Prereq: FREN 301 or equivalent, French studies major, and consent of instructor and department chair. Freq: Fall, Spring.
Translation interns work with area businesses and service agencies to furnish translations from and into French. May be repeated for credit.

490 Special Topics in French..... 1-4 cr
Prereq: None. Freq: Occasionally.
Selected topics in French studies will be examined.

494 Fieldwork in French..... 1-3 cr
Prereq: Consent of instructor and department chair. Freq: Occasionally.
Application of French in areas of community concern and in local business and industry. May be repeated for maximum of 6 credits.

495 Senior Project..... 3 cr
Prereq: Senior standing in French studies. Freq: Spring.
The senior project in French studies is designed to be a capstone experience which offers graduating students an opportunity to bring together several aspects of their French studies and general undergraduate course work in the form of an independent research project.

499 Independent Study..... 1-3 cr
Prereq: Junior standing, consent of instructor and department chair. Freq: Occasionally.
Available to qualified students under supervision of individual instructor. Normally, no more than 6 credits of Independent Study may be counted toward the major.

Please note that declaration of majors for German Studies has been suspended by the administration as of fall 2006. The major may resume if there is increased student interest. Please contact the department for information as to whether the suspension has been lifted. The MINOR REMAINS UNCHANGED.

German

The German program, which offers a German Studies major and a German minor, seeks to give students the requisite linguistic skills with which to read, discuss and write intelligibly in German. For students wishing to broaden their proficiency, the German program offers advanced German-language courses which deal with various aspects of German literature and culture.

Students have an opportunity in these courses to sharpen their linguistic proficiency while at the same time gaining a better understanding of the contributions made by German-language philosophers, artists, and writers. The German program's course offerings can also be supplemented by a number of courses from other departments as part of the German studies major. Students who wish to pursue the study of German at the graduate level are encouraged to take as many German program courses as possible.

Requirements for Admission to the German Studies Major

Note: New major program declarations in German Studies are currently suspended.

For entrance into the German Studies major, the student must: (1a) have a grade of at least C+ (2.33) in GER 203 or a combined GPA of at least 2.50 in GER 203-204 or (1b) place into German 305, and (2) have at least a 2.50 overall GPA.

Requirements for the German Studies Major (25 credits)

The German Studies major consists of a minimum of 25 credits beyond the second-year level (203-204). At least 15 credits of upper-level courses in the major must be completed at UW-Parkside. Basic standards of linguistic proficiency and content competency (cultural and literary) have been established and will include a senior project and a minimal portfolio.

A. Required Core Courses Beyond the Second-Year Level, 203-204 (12 credits)

GER 305	German Conversation and Composition	3 cr
GER 310	German Civilization and Culture	3 cr
GER 320	Introduction to German Literature	3 cr
GER 495	Senior Project	3 cr

B. Elective Courses (12 credits)

Students who wish to emphasize study in and about German language and literature are encouraged to choose as many German program offerings as possible. Alternate courses from other departments may be chosen after consultation with the student's adviser in German. Students should also contact the German faculty about distance-learning possibilities. Students must fulfill any course prerequisites for courses in other departments:

ART 343	Modern Art	3 cr
ECON 310	International Trade	3 cr
ENGL 247	Survey of Modern World Literature.	3 cr
HIST 320	Germany 1848 to the Present	3 cr
HIST 362	Topics in 19th Century Europe	3 cr
HIST 363	Europe Between the Wars 1919-1939	3 cr
HIST 364	Europe Since 1945	3 cr
MUS 414	History of Western Music II	3 cr
POLS 330	European Politics	3 cr
GER 350	German Phonetics	3 cr
GER 402	Advanced Studies in German	3 cr
GER 475	Translation Internship	1-3 cr
GER 490	Special Topics in German	3 cr
GER 494	Fieldwork in German	3 cr
GER 499	Independent Study	3 cr

Requirements for the German Minor (9 credits)

The minor in German consists of a minimum of 9 credits beyond the second-year level (203-204). The following courses are required:

GER 305	German Conversation and Composition	3 cr
GER 310	German Civilization and Culture	3 cr
GER 320	Introduction to German Literature	3 cr

Students who have completed at least the German minor with a GPA of 3.00 or better will normally test successfully for the Zertifikat Deutsch als Fremdsprache, the internationally recognized certificate of German language proficiency, which is offered through the Goethe Institute.

Courses in German (GER)

Students entering from high school must have placement test results (UW System placement tests offered at regional testing and at UW-Parkside) in order to enter GER 104, 203, 204, and 305. The Modern Languages Department reserves the right to refuse access to any language class (including 103) to any student under the following circumstances:

1. the student has not taken the placement exam, or
2. the student's previous experience in the study of the language makes enrollment in the class in question inappropriate.

ONCE STUDENTS HAVE TAKEN A COURSE IN THE GERMAN LANGUAGE SEQUENCE (103-305) THEY MAY NOT AFTERWARDS TAKE A LOWER COURSE IN THE SEQUENCE FOR CREDIT.

103 Introductory German I ..... 4 cr
Prereq: Placement exam or no prior knowledge of German. Freq: Fall.
Development of basic listening, speaking, reading and writing skills.

104 Introductory German II ..... 4 cr
Prereq: GER 103 or equivalent or placement exam. Freq: Spring.
Continuation of GER 103.

111 German for Singers ..... 1 cr
Prereq: Enrollment in vocal music. Freq: As needed.
To help university vocal and choral students gain theoretical understanding and practical mastery of diction in German as it pertains to specific, select songs and choral pieces being learned with texts in those languages. Does not count for credit toward German major or minor.

203 Intermediate German I..... 4 cr
Prereq: GER 104 or equivalent or placement exam. Freq: Fall.
Review and further development of listening, speaking, reading and writing skills.

204 Intermediate German II..... 4 cr
Prereq: GER 203 or equivalent or placement exam. Freq: Spring.
Review and further development of listening, speaking, reading and writing skills. Emphasis on written German through reading selections.

210 German Civilization & Culture (in English)..... 3 cr
Prereq: None. Freq: Occasionally.
Introduction to historical, social, technological, and creative forces characteristic of the German-speaking countries.

290 Special Topics in German .....1-3 cr
Prereq: None. Freq: Occasionally.
Selected topics in German studies will be examined. May not be counted toward German studies major when taught in English.

305 German Conversation and Composition ..... 3 cr
Prereq: GER 204 or equivalent or placement exam. Freq: Fall.
Advanced training in conversation and composition with emphasis upon acquiring communicative skills in colloquial German.

310 German Civilization and Culture ..... 3 cr
Prereq: GER 204 or equivalent. Freq: Alternate Years.
Introduction to historical, social, technological, and creative forces characteristic of the German speaking countries. Readings in German. May be counted toward major.

320 Introduction to German Literature ..... 3 cr
Prereq: GER 204 or equivalent. Freq: Alternate Years.
Introduction to German literary periods, genres, and personalities through representative works.

350 German Phonetics ..... 3 cr
Prereq: GER 204 or equivalent. Freq: Occasionally.
Theory of German sounds in contrast to English combined with practical laboratory training in pronunciation and orthography. Required of all intending teachers.

402 Advanced Studies in German ..... 3 cr
Prereq: GER 305 or equivalent, or consent of instructor.
Freq: Occasionally.
Studies in German language, culture or literature. May be repeated for credit with different subject matter.

475 Translation Internship.....1-3 cr
Prereq: GER 305 or equivalent, German studies major and consent of instructor and department chair. Freq: Fall, Spring.
Translation interns work with area businesses and service agencies to furnish translations from and into German. May repeat for credit.

490 Special Topics in German .....1-4 cr
Prereq: None. Freq: Occasionally.
Selected topics in German studies will be examined.

494 Fieldwork in German .....1-3 cr
Prereq: Consent of instructor and department chair.
Freq: Occasionally.
Application of German in areas of community concern and in local business and industry. May be repeated for maximum of 6 credits.

495 Senior Project ..... 3 cr
Prereq: Senior standing in German studies. Freq: Spring.
The senior project in German studies is designed to be a capstone experience which offers graduating students an opportunity to bring together several aspects of their German studies and general undergraduate course work in the form of an independent research project.

499 Independent Study.....1-3 cr
Prereq: Junior standing, consent of instructor and department chair. Freq: Occasionally.
Available to qualified students under supervision of individual instructor. Normally, no more than 6 credits of Independent Study may be counted toward the major.

Courses in Italian (ITAL)

Students entering from high school must have placement test results (UW System placement tests offered at regional testing and at UW-Parkside) in order to enter ITAL 104, 203, and 204. The Modern Languages Department reserves the right to refuse access to any language class (including 103) to any student under the following circumstances:

1. the student has not taken the placement exam, or
2. the student's previous experience in the study of the language makes enrollment in the class in question inappropriate.

ONCE STUDENTS HAVE TAKEN A COURSE IN THE ITALIAN LANGUAGE SEQUENCE (103-204) THEY MAY NOT AFTERWARDS TAKE A LOWER COURSE IN THE SEQUENCE FOR CREDIT.

103 Introductory Italian I..... 4 cr
Prereq: None. Freq. Fall
Development of basic listening, speaking, reading and writing skills in Italian.

104 Introductory Italian II..... 4 cr
Prereq: ITAL 103 or equivalent. Freq: Spring
Continued development of basic listening, speaking, reading and writing skills in Italian.

203 Intermediate Italian I ..... 4 cr
Prereq: ITAL 104 or equivalent. Freq: Fall.
Development of intermediate level proficiency in listening, speaking, reading and writing Italian.

204 Intermediate Italian II ..... 4 cr
Prereq: ITAL 203 or equivalent. Freq: Spring
Continued development of intermediate level proficiency in listening, speaking, reading and writing Italian.

Courses in Modern Languages (MODL)

The program offers occasionally, under MODL 103 and 104, first-year courses in modern languages other than French, German, Italian or Spanish.

103 Modern Languages I ..... 4 cr
Prereq: None. Freq: Occasionally.
Semester I of a modern language other than those regularly offered in the Modern Languages Department. May be repeated with different language content.

104 Modern Languages II ..... 4 cr
Prereq: MODL 103 or equivalent. Freq: Occasionally.
Semester II of a modern language other than those regularly offered in the Modern Languages Department. May be repeated with different language content.

203 Intermediate Modern Languages I ..... 4 cr
Prereq: MODL 104 in the same language or equivalent.
Freq: Occasionally.
Continued training in listening, speaking, reading and writing skills through conversation, composition and grammar review.

204 Intermediate Modern Languages II ..... 4 cr
Prereq: MODL 203 in the same language or equivalent.
Freq: Occasionally.
Continued training in listening, speaking, reading and writing skills through conversation, composition and grammar review.

247 Survey of Modern World Literature ..... 3 cr
Prereq: ENGL 101 with a grade of C- or better or consent of instructor. Freq: Occasionally.
Broad survey of several national and regional literatures including non-Western literatures, since the Renaissance, exclusive of those of England and the United States. Cross-listed with ENGL 247.

499 Independent Study ..... 1-3 cr
Prereq: Junior standing, consent of instructor and department chair. Freq: Occasionally.
Available to qualified students under supervision of individual instructor.

MUSEUM STUDIES

Greenquist 318 • 262-595-2177

Degrees Offered:
None. A certificate in museum studies is offered.

Coordinator:
Sasso, Ph.D.

Program Overview

Museum studies is an interdisciplinary certificate program designed to provide students with an introduction to the diverse aspects of museum work, information concerning opportunities for employment in museums and related institutions (such as archives and public history parks), and hands-on experience, including formal internships in local museums. The certificate program provides a solid background for interested students in such fields as anthropology, art, art history, history, and other fields to pursue graduate degrees in museum studies and employment in museums.

Internships

An internship in museum studies is required, allowing students to gain practical experience working in an art, history, anthropology, or public museum.

Requirements for Museum Studies Certificate (16 credits)

Content Courses (9 credits; at least 3 credits from each of the three disciplines represented below)

ART 125	Ancient and Medieval Art	3 cr
ART 126	Renaissance to Modern Art	3 cr
ART 315	Anthropology of Non-Western Art	3 cr
ART 343	Modern Art	3 cr
ART 345	Contemporary Art	3 cr
HIST 102	The United States, Reconstruction to Recent Times	3 cr
HIST 335	Native American History	3 cr
HIST 337	African-American History	3 cr
HIST 345	America in Power and Peril, 1917-1953	3 cr
HIST 346	Recent America, 1953-Present	3 cr
SOCA 202	Cultural Anthropology	3 cr
SOCA 204	Human Evolution	3 cr
SOCA 208	Introduction to Archaeology	3 cr
SOCA 226	Peoples of Africa	3 cr
SOCA 227	North American Indians	3 cr
SOCA 228	Peoples of Southeast Asia	3 cr
SOCA 327	Archaeology of North America	3 cr
ART/ SOCA 315	Anthropology of Non-Western Art	3 cr

Methods Course (2 credits)

MSST 300	Museum Studies	2 cr

Museum Management Course (2 credits)

MSST 305	Introduction to Museum Management	2 cr

Internship (3 credits up to 10 credits)

ART 494	Art Internship (focusing on museum internship)	3 cr
HIST 494	Internship in History (focusing on museum internship)	3 cr
SOCA 491	Anthropology Fieldwork (focusing on museum internship)	3 cr
SOCA 492	Internship in Sociology/Anthropology (focusing on museum internship)	3 cr

Courses in the Certificate for Museum Studies (MSST)

300 Museum Studies ..... 2 cr
Prereq: Sophomore standing or consent of instructor.
Freq: Occasionally.
Introduction to the museum field focusing on methods and skills needed to work in a variety of museum professions. Features presentations by museum professionals working in local museums.

305 Introduction to Museum Management ..... 2 cr
Prereq: Sophomore standing or consent of instructor.
Freq: Occasionally.
Introduction to aspects of essential management and administration involved in the operation of museums.

MUSIC

RITA/CART 285 • 262-595-2594

Degree Offered:
Bachelor of Arts.

Professors:
Kinchen, Ed.D.; McKeever, D.M.A.

Associate Professors:
Bouterse, M.M.; Crowley, D.M.; Eichner, M.M.; Garcia, M.M. (Chair)

Assistant Professor:
Johnson, M.M.; Whitaker, Ed.D.

Student Organizations/Clubs:
The Beat (Music Club)

Career Possibilities:
Many career opportunities are available to graduates in the field of music. Opportunities for teaching music include instruction at the elementary, secondary and university levels. In addition, many musicians teach independently, establishing their own music studios and working with students of all ages.

Although opportunities in the area of full-time professional performance are limited, many musicians perform on a part-time basis. Students who seek performance careers in music should consider continued studies in a graduate school of music. Beyond the fields of teaching and performing, career opportunities exist in many related areas such as music publishing, mass media, arts management, recording engineering, arranging, sales, manufacturing, church music and various aspects of the music business. Accomplished musicians are vital to and needed in all areas of the music profession.

Department Overview

The Music Department is staffed by a faculty of highly qualified teaching performers who have extensive concert experience and are active in teaching, research and performance. Their skills span all areas of undergraduate music study, and students can expect to receive excellent training in the applied and academic branches of music. Music faculty members maintain high professional standards in the education and training of students.

All music majors complete the requirements of the bachelor of arts with a major in music degree. Students who want to prepare for careers in music education, performance, or jazz studies should complete the appropriate concentration.

Program Learning Outcomes

1. Communicate an understanding of the academic and musical skills necessary for success in the profession (knowledge-based, performance skill).
2. Perform and evaluate music using aesthetic skills as a soloist and ensemble member. (knowledge-based, performance skills).
3. Act as a socially responsible member of the profession through working effectively with others toward a common goal in university ensembles (affective behavior).

Requirements for Admission to the Music Major

An audition/interview and faculty approval is required for admission to the music major or minor. Auditions are held in February, March, May, and August. Prospective students who audition before March 31 are eligible for scholarship consideration. For detailed audition information and registration, visit the Music Department website at www.uwp.edu.

Late entry into the music program will prolong the time required to complete the degree. Course sequences in music begin in the first semester of the freshmen year. Courses should be taken in the sequence outlined in the music website. Students who take fewer credits than the recommended course load prolong the time required for graduation. Music Department policies may be viewed or downloaded at www.uwp.edu.

Re-entry Policy

Students are encouraged to complete degree requirements by continuous study. In the event of an enrollment gap of one year or more, a re-audition and transcript evaluation is required. In such cases, students may be required to repeat specific courses.

Transfer Students

Transfer students must audition for admission to the Music Department. Based on the audition, transcript evaluation and music faculty advising, transfer students will be placed at the appropriate level of applied music instruction, music theory and piano class. Students must complete at least 30 credits, including 15 credits of upper-level courses in the major, at UW-Parkside.

Requirements for the Music Major (61-90 credits)

The Music Department core courses are a strong foundation for study in concentrations that prepare students for careers in music. Each music major student must complete the core courses and a concentration to earn the bachelor of arts degree with a major in music.

Music majors must pass a keyboard proficiency examination. This examination must be prefaced with MUSP 151 Class Piano II.

Required Core Courses (46 credits)

MUSP 001	Concert Attendance (6 semesters with a grade of "CR")	0 cr
MUSI 120	Music Theory I	2 cr
MUSI 121	Music Theory II	2 cr
MUSI 221	Music Theory III	2 cr
MUSI 321	Music Theory IV	2 cr
MUSP 135	Aural Music Theory I	1 cr
MUSP 136	Aural Music Theory II	1 cr
MUSP 236	Aural Music Theory III	1 cr
MUSP 336	Aural Music Theory IV	1 cr
MUSP 150	Class Piano I	2 cr
MUSP 151	Class Piano II	2 cr
MUSI 104	Music Appreciation	3 cr
MUSI 242	Music Literature Lab	1 cr
MUSI 330	Music History I: 450-1750	2 cr
MUSI 331	Music History II: 1750-20th Century	2 cr
MUSI 332	World of Music	2 cr
MUSA	Applied Instrument *	12 cr
MUSP 102	Large Music Ensemble (8 semesters, 1 credit each)**	8 cr

Music students may apply MUSI 104 and 3 credits of MUSP 102 towards General Education requirements

* Completion of second semester of the 300 level (appropriate to the student's principal instrument) is required. Each course is 2 credits for majors. Concurrent registration in Large Ensemble appropriate to the student's principal instrument is required.

** Enrollment in the section or Large Ensemble appropriate to the student's principal instrument is required for majors. Each course is 1 credit per semester.

Applied Music Requirement

Private Instruction in music performance is available to music majors and minors under the prefix MUSA, for applied music. Concurrent registration in an academic course in music and appropriate large ensemble are required. (See Large Ensemble Requirement section for further information).

Instruction is offered in piano, organ, trumpet, horn, trombone, baritone, tuba, violin, viola, cello, string bass, classical guitar, harp, harpsichord, flute, oboe, clarinet, saxophone, bassoon, voice, and percussion. Consult the Music Department Chair for details. Course numbers indicate the level of study. Course numbers that begin with a zero are 1-credit courses at the preparatory level. Freshman, sophomore, junior, and senior levels are 2-credit courses indicated by an initial number of 1, 2, 3, or 4. Music minor students and music majors who study a secondary instrument enroll in the first semester of 100 level for 1 credit only.

Successful completion of a full faculty jury is required for enrollment at the 300 level. Students must demonstrate a breadth of musical styles and genres at the full faculty jury. To be granted access to a full faculty jury, the student must complete or be in the process of completing MUSI 121 and MUSP 136 with a grade of C or better. No student may take the full faculty jury more than twice. Students who do not pass full faculty jury in their second attempt will be dropped from the music major.

Completion of the second semester 300 applied level is required for graduation in the music major.

Large Ensemble Requirement

While all students are encouraged to play and/or sing in departmental large ensembles, the department requires all **applied music students** (full-time and part-time) to participate in an ensemble. Large ensemble graduation requirement is 8 credits for all music majors.

Voice as primary instrument - enrollment in Chorale is required in every semester of full-time enrollment.

Orchestral String as primary instrument - enrollment in Parkside Symphony is required in every semester of full-time enrollment.

Band Instrument as primary instrument - enrollment in Wind Ensemble is required in every semester of full-time enrollment.

Classical Guitar as primary instrument - any of the three required large ensembles (Chorale, Wind Ensemble or Parkside Symphony) in consultation with their music advisor. Classical guitar majors may substitute 4 credits of their large ensemble requirement for 4 credits of guitar ensemble.

Keyboard as primary instrument - any of the three required large ensembles (Chorale, Wind Ensemble or Parkside Symphony) in consultation with their music advisor. Keyboard majors may substitute 4 credits of their large ensemble requirement for 4 credits of piano accompanying.

Jazz Studies Concentration students may substitute 4 credits of their large ensemble requirement for 4 credits of jazz ensemble.

Concentrations in Music:

All music majors must complete a concentration and should choose one relevant to their career interests and intent.

Requirements for the Music Performance Concentration (20-22 credits)

Students who aspire to a career in professional performance should plan on pursuing advanced studies in a graduate school of music. The music performance concentration is

designed to give students a thorough background appropriate for acceptance into a graduate program in applied music. A full faculty audition is required for acceptance into the music performance concentration on completion of the applied music sophomore level.

A. Required courses for all instruments (14 credits)

MUSP 223	Fundamentals of Improvisation	1 cr
MUSP 250	Class Piano III for Music Education	2 cr
MUSP 342	Conducting	2 cr
MUSI 420	Analytic Techniques	2 cr
MUSA	Applied Music at the 400 level (2 semesters, 2 credits each)	4 cr
MUSA 300	Junior Recital	1 cr
MUSA 400	Senior Recital	2 cr

B. Required courses by primary instrument (6-8 credits)

Choose one option based on primary instrument:

1. Required courses primary instrument is voice (7 credits)

MUSI 378	Diction I: English and Italian	2 cr
MUSI 379	Diction II: English and Italian	2 cr
MUSP 346	Choral Conducting and Arranging	3 cr

2. Required courses primary instrument is an orchestral instrument, band instrument, or classical guitar (6 credits)

MUSP 361-366	Chamber Music: Ensemble (4 semesters, 1 credit each)	4 cr

Choose one elective course:

MUSP 345	Instrumental Conducting	2 cr
MUSI 350	Music Business	2 cr
MUSI 499	Independent Study	2 cr

3. Required courses primary instrument is piano/keyboard (8 credits)

MUSP 353	Advanced Keyboard Accompanying/ Chamber Music Performance (4 semesters, 1 credit each)	4 cr
MUSI 480	Seminar in Piano Literature and Performance Practice (2 semesters, 2 credits each)	4 cr

Students are required to submit an application for recital approval in the semester preceding their junior and senior recitals.

Requirements for the Jazz Studies and Performance Concentration (24 credits)

This program supplements the music major with additional study and experience in jazz improvisation, jazz performance styles, and academic study of jazz history and jazz theory. Students who aspire to a career in professional jazz performance should plan on pursuing advanced studies in a graduate school of music. The jazz studies concentration is designed to give students a thorough background appropriate for acceptance into a graduate program in applied music.

Required Courses (24 credits)

MUSI 346	Jazz History	3 cr
MUSP 223	Fundamentals of Improvisation	1 cr
MUSP 224	Jazz Improvisation I	1 cr
MUSP 323	Jazz Improvisation II	1 cr
MUSP 324	Jazz Improvisation III	2 cr
MUSP 253	Jazz Piano	1 cr
MUSP 342	Conducting	2 cr
MUSI 350	Music Business	2 cr
MUSI 447	Jazz Styles	2 cr
MUSI 425	Jazz Arranging	2 cr
MUSA	Applied Music at the 400 level (2 semesters, 2 credits each)	4 cr
MUSA 300	Junior Recital	1 cr
MUSA 400	Senior Recital	2 cr

Requirements for the Music Education Concentration (44 credits)

The UW-Parkside music education curriculum is not presently approved for DPI licensure. Please contact the Music Department Chair for updated information regarding teacher licensure.

Music Education: Choral and General Music (44 credits)

In addition to the music core requirements, the following courses are required.

A. Required Music Courses (7 credits)

MUSP 342	Conducting	2 cr
MUSP 250	Class Piano III for Music Education	2 cr
MUSP 223	Fundamentals of Improvisation	1 cr
MUSI 420	Analytic Techniques	2 cr

B. Required Choral and General Music Courses (37 credits)

MUSP 346	Choral Conducting and Arranging	3 cr
MUSI 377	Vocal Pedagogy	2 cr
MUSI 378	Diction I: English and Italian	2 cr
MUSI 379	Diction II: French and German	2 cr
MUSP 251	Class Piano IV for Choral Education	2 cr
MUSP 276	Instrumental Techniques and Pedagogy: Guitar	2 cr
MUSE 300	Music Teaching and Learning	3 cr
MUSE 203	Introduction to Music Technology	2 cr
MUSE 405	Principles and Techniques in Music Teaching and Learning	3 cr
MUSE 302	Music in Childhood	3 cr
MUSE 303	Interdisciplinary Teaching and Learning	3 cr
MUSE 411	Methods of Elementary and Middle School Choral Music	3 cr
MUSE 412	Early Clinical Experience: Choral/ General (2 semesters, 1 credit each)	2 cr
MUSE 413	Methods of Teaching Secondary	

	Choral Music	3 cr
MUSE 420	Music Student Teaching Seminar	2 cr

Music Education: Instrumental and General Music (42 credits)

In addition to the music core requirements, the following courses are required.

A. Required Music Courses (7 credits)

MUSP 342	Conducting	2 cr
MUSP 250	Class Piano III for Music Education	2 cr
MUSP 223	Fundamentals of Improvisation	1 cr
MUSI 420	Analytic Techniques	2 cr

B. Required Instrumental and General Music Courses (35 credits)

MUSP 345	Instrumental Conducting	2 cr
MUSI 423	Orchestration and Arranging	2 cr
MUSP 271	Instrumental Techniques and Pedagogy: Brass	1 cr
MUSP 273	Instrumental Techniques and Pedagogy: Percussion	1 cr
MUSP 274	Instrumental Techniques and Pedagogy: Strings	1 cr
MUSP 275	Instrumental Techniques and Pedagogy: Woodwinds	1 cr
MUSP 276	Instrumental Techniques and Pedagogy: Guitar	1 cr
MUSP 277	Vocal Techniques	1 cr
MUSA	Secondary Applied Instrument at 100 Level (4 semesters, 1 credit each)	4 cr
MUSE 300	Music Teaching and Learning	3 cr
MUSE 203	Introduction to Music Technology	2 cr
MUSE 405	Principles and Techniques in Music Teaching and Learning	3 cr
MUSE 302	Music in Childhood	3 cr
MUSE 414	Methods of Elementary and Middle School Instrumental Music	3 cr
MUSE 415	Early Clinical Experience: Winds, Strings and Percussion (2 semesters, 1 credit each)	2 cr
MUSE 416	Methods of Teaching Secondary Instrumental Music	3 cr
MUSE 420	Music Student Teaching Seminar	2 cr

Requirements for the Piano Pedagogy and Literature Concentration (16 credits)

This concentration prepares keyboard students for a career in private piano teaching. Students planning to attend graduate school will have excellent preparation and will be strong candidates for teaching assistantships. This program does not culminate in teacher licensure from the Wisconsin Department of Public Instruction.

Required Courses (16 credits)

MUSI 420	Analytic Techniques	2 cr
MUSI 375	Piano Pedagogy	2 cr
MUSI 376	Advanced Piano Pedagogy	2 cr
MUSI 479	Piano Teaching Practicum (2 semesters, 2 credits each)	2 cr
MUSI 480	Seminar in Piano Literature and Performance (4 semesters, 2 credits each)	8 cr

Music majors in the piano pedagogy and literature concentration begin course work as second-year students, after completion of the music theory prerequisite course work. The six-semester sequence can be started in the fall semester of any year, resulting in a four-year degree plan.

Requirements for the Liberal Arts Concentration (15 credits)

This concentration provides students with a breadth of knowledge in liberal studies and may lead to graduate level studies in music history or ethnomusicology with the help and advice of a music faculty advisor. This option is based in flexibility of study. Help from an advisor is required to navigate course pre-requisites needed to gain access to upper division credits in the various departments.

A. Upper Division Music Courses (6 credits)

	Choose courses not in Music Core: MUSI or MUSE Music Electives	6 cr

B. Upper Division Non-Music Courses (6 credits)

	Choose courses outside the Music Department: Electives	6 cr

C. Music Capstone (3 credits)

MUSI 489	Music Senior Seminar	3 cr

Requirements for the Music Minor (20 credits)

The objective of the music minor is to provide students from any area of study with the opportunity to be introduced to the field of music through theoretical, historical and performance experiences. An audition is required for acceptance in the minor.

A. Required Music Courses (18 credits)

MUS 001	Concert Attendance (2 semesters with a grade of "CR")	0 cr
MUSP 102	Large Music Ensemble (2 semesters, 1 credit each)	2 cr
MUSI 104	Music Appreciation	3 cr
MUSI 120	Music Theory I	2 cr
MUSI 121	Music Theory II	2 cr
MUSP 135	Aural Music Theory I	1 cr
MUSP 136	Aural Music Theory II	1 cr
MUSP 150	Class Piano I	2 cr
MUSP 151	Class Piano II	2 cr
MUSI 242	Music Literature Lab	1 cr
MUSA	Major Applied Instrument 100 Level (2 semesters, 1 credit each)	2 cr

Music minors may continue applied music study beyond minimum requirements if concurrently enrolled in the appropriate large ensemble.

B. Elective Course (2 credits)

Choose one:

MUSI 330	Music History I: 450-1750	2 cr
MUSI 331	Music History II: 1750-20th Century	2 cr
MUSI 332	World of Music	2 cr

Requirements for the Piano Pedagogy and Literature Certificate (18 credits)

The certificate in piano pedagogy and literature offers a program of professional preparation for teachers and students pursuing careers in piano teaching. A working knowledge of the theoretical foundations of music is essential for participants in this program. This may be accomplished by completion of Music Theory I and II and Aural Theory I and II at UW-Parkside or by transfer. Students may also demonstrate proficiency in these areas by examination.

Required Courses (18 credits)

MUSA 110/ 111	Applied Piano (2 semesters, 2 credits each)	4 cr
MUSI 375	Piano Pedagogy	2 cr
MUSI 376	Advanced Piano Pedagogy	2 cr
MUSI 479	Piano Teaching Practicum (2 semesters, 2 credits each)	2 cr
MUSI 480	Seminar in Piano Literature and Performance Practice (4 semesters, 2 credits each)	8 cr

Courses in Music (MUSI)

100 Appreciation of World Music ..... 3 cr
Prereq: None. Freq: Fall, Spring.
Introduces the many styles and types of music heard in America today; explores contributions made by cultures around the world.

101 Fundamentals of Music ..... 3 cr
Prereq: None. Freq: Fall, Spring.
Designed to acquaint the student with a basic music vocabulary. Includes study of notation, scales, melody and basic harmony. Open to all students.

104 Music Appreciation ..... 3 cr
Prereq: None. Freq: Fall, Spring.
A guide to musical enjoyment and understanding. Includes listening experiences in the various styles and forms of music, assigned readings and attendance at performances. Open to all students.

106 Jazz Appreciation ..... 3 cr
Prereq: None. Freq: Fall, Spring.
Study of the stylistic periods of jazz from its beginning through the present. Emphasis on key performers and their styles. Recordings and live performance included. Open to all students.

120 Music Theory I ..... 2 cr
Prereq: Music major or minor, concurrent registration in MUSP 135; or consent of instructor. Freq: Fall.
Develops the fundamentals of music, in depth. Studies include notation, acoustics, scales, rhythm, diatonic harmony, melody, intervals, keys and chord functions. Other topics include figured bass, melodic composition, Roman numeral analysis, and the principles of four-part writing.

121 Music Theory II ..... 2 cr
Prereq: MUSI 120 with a grade of C or better, concurrent registration in MUSP 136. Freq: Spring.
Expands on topics presented in Music Theory I and introduces harmonic progression, non-chord tones, cadences, phrase and period structure, dominant seventh chords, and harmonization of melodies. Includes projects in analysis and composition.

221 Music Theory III ..... 2 cr
Prereq: MUSI 121 with a grade of C or better, concurrent registration in MUSP 236. Freq: Fall.
Studies in diatonic seventh chords, chromaticism, secondary functions, modulatory techniques, and binary and ternary forms. Includes projects in analysis and composition.

242 Music Literature Lab ..... 1 cr
Prereq: Music major or minor, concurrent registration in MUSI 104; or consent of instructor. Freq: Fall.
Develops the listening and writing skills of student musicians through, aural analysis of musical works from different styles and periods of western music history.

290 Special Topics in Music ..... 1-4 cr
Prereq: None. Freq: Occasionally.
Selected topics in music will be examined.

321 Music Theory IV ..... 2 cr
Prereq: MUSI 221 with a grade of C or better, concurrent registration in MUSP 336. Freq: Spring.
Studies in 19th-20th century music, including mode mixture, Neapolitan chords, augmented sixth chords, enharmonic reinterpretation, and advanced modulatory techniques. Includes projects in analysis and composition.

330 Music History I: 450-1750 ..... 2 cr
Prereq: MUSI 242 with a grade of C or better. Freq: Fall.
Surveys Western music from medieval to the early 18th century. Studies evolutionary style changes both within music and in relation to evolving civilization.

331 Music History II: 1750-20th Century ..... 2 cr
Prereq: MUSI 330 with a grade of C or better. Freq: Spring. Studies of the stylistic evolution of music from the 18th century through the present. Research paper required.

332 World of Music ..... 2 cr
Prereq: MUSI 104 or consent of instructor. Freq: Fall.
Broad survey of music and its place in human cultures around the world. Students will consider traditional, popular, and classical musics from a number of regions using an ethnomusicological perspective, highlighting similarities and differences in relation to other domains of cross-cultural social life.

333 Opera Literature ..... 3 cr
Prereq: MUSI 104 or consent of instructor. Freq: Occasionally.
The study of elements of opera and their function, including analysis of selected operatic examples.

335 Music Literature Topic ..... 2 cr
Prereq: MUS 242, or consent of instructor. Freq: Occasionally.
Study of music literature, musical styles and forms. May be repeated for credit with different topic.

336 African American Music ..... 3 cr
Prereq: None. Freq: Summer.
Survey and study of development and evolution of African American music 17th century to present with attention given to historical, sociological, political and humanistic contexts. Cross-listed with ETHN 336.

338 Music of the Great Migration 1900-1960 ..... 3 cr
Prereq: None. Freq: Occasionally.
Survey and study of African American music, ca. 1900-1960, related to the Great Migration and its next generation. Attention given historical, sociological, political, and humanistic contexts. Cross-listed with ETHN 338.

339 Music of the Great Migration 1960-1990 ..... 3 cr
Prereq: None. Freq: Occasionally.
Survey and study of African American music, ca. 1960-1990, related to the Great Migration and its next generation. Attention given to historical, sociological, political, and humanistic contexts. Cross-listed with ETHN 339.

346 Jazz History ..... 3 cr
Prereq: Music major with jazz studies and performance concentration; or consent of instructor. Freq: Fall, Spring.
Study of stylistic periods of jazz from origins to present with emphasis on major performers and styles. Recordings and live performances included. A research paper is required.

350 Music Business ..... 2 cr
Prereq: None. Freq: Springs (odd years).
Investigation of employment in music through education, performing and various aspects of music as a business: publishing, instrument sales, recording and management. Open to all students.

375 Piano Pedagogy ..... 2 cr
Prereq: MUSI 321; or consent of instructor. Freq: Occasionally.
Studies how to teach piano including pedagogic approaches, method books for elementary students, basic keyboard technique, sight reading, theory, musical concepts, group lessons, and business practices. Observation and practice teaching are included.

376 Advanced Piano Pedagogy ..... 2 cr
Prereq: MUSI 321, MUSI 375; or consent of instructor. Freq: Occasionally.
Teaching the intermediate and advanced student; technical approaches, appropriate teaching literature, advanced reading skills, listening and ensemble skills. Observation and practice teaching are included.

377 Vocal Pedagogy ..... 2 cr
Prereq: MUSA 181 or consent of instructor. Freq: Fall (even years).
Introduces the student to voice science through readings and lectures including some independent reading and research. Vocal pedagogy will be explored with concepts utilized in a controlled setting where the student becomes the teacher.

378 Diction I: English and Italian ..... 2 cr
Prereq: MUSA 181, concurrent registration in applied voice; or consent of instructor. Freq: Fall (even years).
Application of the International Phonetic Alphabet to English and Italian songs and arias.

379 Diction II: French and German ..... 2 cr
Prereq: MUSA 181, concurrent registration in applied voice, or consent of instructor. Freq: Spring (odd years).
Application of the International Phonetic Alphabet to German and French songs and arias.

420 Analytic Techniques ..... 2 cr
Prereq: MUSI 321 with a grade of C or better. Freq: Fall.
The structural and harmonic analysis of small and large musical forms.

421 Post-Tonal Materials and Techniques ..... 2 cr
Prereq: MUSI 321, or consent of instructor. Freq: Spring (odd years)
Studies in 20th-century music including impressionism, neo-classicism, atonality, serialism, set theory, aleatoric music, minimalism, technological developments, sound mass, and new approaches to rhythm. Includes pitch-class set analysis and projects in composition.

422 Counterpoint ..... 2 cr
Prereq: MUSI 321. Freq: Fall (odd years).
Counterpoint is the study of the principles of melodic construction, voice leading, and the treatment of dissonance in independent melodies sounding simultaneously. Class assignments include the composition of fixed, tonal melodies joined with added voices that introduce various categories of dissonance and proper resolution.

423 Orchestration and Arranging ..... 2 cr
Prereq: MUSI 321, or consent of instructor. Freq: Spring (even years).
A study of individual instruments; scoring practices for orchestral instruments.

425 Jazz Arranging ..... 2 cr
Prereq: MUSI 321, MUSP 336; or consent of instructor. Freq: Spring (odd years).
Study idiomatic writing for jazz instruments. Creating written arrangements in a variety of jazz styles for small and large jazz ensembles.

439 Music History Topic ..... 3 cr
Prereq: MUSI 331 or consent of instructor. Freq: Occasionally.
Studies topics in music history, musical styles and forms. A research project will be required. Topic varies. May be repeated for credit with different topic.

447 Jazz Styles ..... 2 cr
Prereq: MUSI 346, music major with jazz studies and performance concentration; or consent of instructor. Freq: Spring (even years).
Studies jazz history through solo analysis, listening, ear training, and the performance of specific transcriptions from major jazz artists.

479 Piano Teaching Practicum ..... 1 cr
Prereq: MUS 375, or consent of instructor. Freq: Fall, Spring, Summer.
Assigned teaching of private students and/or group classes with supervision; observation and evaluation used to develop pedagogic skills. May be repeated for credit.

480 Seminar in Piano Literature and Performance Practice ..... 2 cr
Prereq: Consent of instructor. Freq: Yearly.
Advanced study of a specific era of the piano repertoire including all aspects of performance practice: tempo, rhythm, articulation, rubato, dynamics, ornamentation, pedaling and historical context. Each time offered, this course will examine a different era or composer. May be repeated for credit under different topics.

485 Music Composition Seminar ..... 2 cr
Prereq: Consent of instructor. Freq: Occasionally.
Analysis and composition. Seminar participation and individual composition lessons. May be repeated for credit.

489 Music Senior Seminar ..... 3 cr
Prereq: Senior Standing, consent of Instructor and department chair. Freq: Spring.
Students in their final year focus on the development and presentation of a portfolio (paper and electronic) and auditions/ interview materials to prepare for professional careers and/or graduate study.

490 Special Topics in Music ..... 1-4 cr
Prereq: None. Freq: Ocassionally.
Selected topics in music will be studied.

495 Music Internship.....1-3 cr
Prereq: Junior or Senior standing, consent of department chair. Freq: Fall, Spring.
Individualized program of study for juniors and seniors that includes apprenticeships and internships at professional local music organizations and at UW-Parkside Fine Arts offices under the supervision of campus faculty and staff. May be repeated for a maximum of 12cr.

499 Independent Study.....1-5 cr
Prereq: Consent of instructor and department chair. Freq: Fall, Spring.
Allows students the opportunity to explore a variety of musical subjects and/or projects that are not regularly offered in other music courses.

Graduate Courses (MUSI)

690 Special Topics.....1-4 cr
Prereq: Consent of instructor. Freq: Occasionally.
Selected topics in music will be studied.

699 Independent Study.....1-5 cr
Prereq: Consent of instructor and department chair. Freq: Fall, Spring.

Courses in Music Performance (MUSP)

001 Concert Attendance.....0 cr
Prereq: Music major or minor. Freq: Fall, Spring.
Attendance of music programs selected from an approved concert calendar for the purpose of broadening the student's musical experience.

102 Large Music Ensemble.....1 cr
Prereq: None. Freq: Fall, Spring.
Study and performance of music in the genres and historical styles appropriate to a variety of choral and instrumental ensembles. Chorale, Master Singers, Jazz Ensemble, Wind Ensemble, Community Band, Parkside Symphony, and Community Orchestra are offered every semester. Occasional extra rehearsals. May be repeated for credit.

135 Aural Music Theory I.....1 cr
Prereq: Music major or minor, concurrent registration in MUSI 120; or consent of instructor. Freq: Fall.
Sight singing and aural recognition of the elements of tonal music including intervals, harmony, melody, rhythm and tonality.

136 Aural Music Theory II.....1 cr
Prereq: MUSI 120, and MUSP 135 with a grade of C or better; concurrent registration MUSI 121. Freq: Spring.
Continuation of Aural Music Theory I with an emphasis on aural recognition of the elements of 18th-century music.

150 Class Piano I.....2 cr
Prereq: Music major or minor; or consent of instructor. Freq: Fall.
Basic piano literature, development of keyboard sight reading, harmonization, transposition and improvisation.

151 Class Piano II.....2 cr
Prereq: Music major or minor and MUSI 150 with a grade of C or better; or consent of instructor. Freq: Spring.
Continuation of MUSP 150 to a higher level of performance and difficulty; includes contrapuntal literature.

153 Keyboard Accompanying and Chamber Music Performance.....1 cr
Prereq: Consent of instructor. Freq: Fall, Spring.
Coaching for performance, including the study of accompanying technique, balance, instrumental color, vocal texts, articulation, style and pedaling. May be repeated for credit.

223 Fundamentals of Improvisation.....1 cr
Prereq: MUSI 120 or consent of instructor. Freq: Spring.
The study of scales, modes and associated chords used in jazz improvisation. Methods include applied, aural and written study.

224 Jazz Improvisation I.....1 cr
Prereq: MUSP 223 or consent of instructor. Freq: Fall.
Improvisation in a small-group setting playing major and minor blues and basic jazz tunes including introductions and endings.

236 Aural Music Theory III.....1 cr
Prereq: MUSI 121 and MUSP 136 with a minimum grade of C or better; concurrent registration MUSI 221. Freq: Fall.
Continuation of Aural Music Theory II with an emphasis on aural recognition of the elements of early 19th-century music and coordination of gestural conducting elements.

250 Class Piano III for Music Education.....2 cr
Prereq: MUSP 151 with a grade of C or better; or consent of instructor. Freq: Fall.
Playing of three-part scores, vocal and instrumental accompaniments, chorales, more difficult transposition and harmonization; use of pedals.

251 Class Piano IV for Choral Education.....2 cr
Prereq: MUSP 250 with a grade of C or better; or consent of instructor. Freq: Spring.
Playing of four-part vocal scores, orchestral scores, harmonization with secondary dominants, more complex progressions, modulation, transposition, more difficult piano technique, accompaniments and literature.

253 Jazz Piano.....1 cr
Prereq: Music major or minor, MUSP 151 with a grade of C or better; consent of instructor. Freq: Occasionally.
Students develop specific chord techniques on the piano that enhance the playing of their primary instruments, enable the student to more fully understand the harmonies found in jazz repertoire, reinforce their knowledge of music theory, and provide teaching tools for future jazz educators.

271 Instrumental Techniques and Pedagogy: Brass.....1 cr
Prereq: Concurrent enrollment in MUSA secondary applied 100 level, or consent of instructor. Freq: Occasionally.
Covers theory and practice of playing individual instruments. Includes examination of method books, solo literature, and ensemble repertoire.

273 Instrumental Techniques and Pedagogy: Percussion.....1 cr
Prereq: Concurrent enrollment in MUSA secondary applied 100 level, or consent of instructor. Freq: Occasionally.
Covers theory and practice of playing individual instruments. Includes examination of method books, solo literature, and ensemble repertoire.

274 Instrumental Techniques and Pedagogy: Strings.....1 cr
Prereq: Concurrent enrollment in MUSA secondary applied 100 level, or consent of instructor. Freq: Occasionally.
Covers theory and practice of playing individual instruments. Includes examination of method books, solo literature, and ensemble repertoire.

275 Instrumental Techniques and Pedagogy: Woodwinds ..... 1 cr
Prereq: Concurrent enrollment in MUSA secondary applied 100 level, or consent of instructor. Freq: Occasionally.
Covers theory and practice of playing individual instruments. Includes examination of method books, solo literature, and ensemble repertoire.

276 Instrumental Techniques and Pedagogy: Guitar ..... 1 cr
Prereq: Consent of instructor. Freq: Occasionally
Covers theory and practice of playing individual instruments. Includes examination of method books, solo literature, and ensemble repertoire.

277 Vocal Techniques ..... 1 cr
Prereq: Music major or minor; or consent of instructor. Freq: Spring (even years).
Covers theory and practice of the elements of singing. Includes examination of method books, solo literature, and ensemble repertoire.

323 Jazz Improvisation II ..... 1 cr
Prereq: MUSP 224. Freq: Spring.
Improvisation in a small group setting utilizing tunes based on II-V chord progressions with appropriate scale choices.

324 Jazz Improvisation III ..... 2 cr
Prereq: MUSP 323. Freq: Fall.
Improvisation in a small group setting utilizing tunes with advanced II-V and chromatic progressions with faster tempos.

336 Aural Music Theory IV ..... 1 cr
Prereq: MUSI 221 and MUSP 236 with a grade of C or better; concurrent registration MUSI 321. Freq: Spring.
Advanced sight singing and aural recognition of the elements of 19th- and 20th-century music, and coordination of gestural conducting elements.

342 Conducting ..... 2 cr
Prereq: MUSI 221. Freq: Fall.
The development of basic manual technique for conducting: beat patterns, expressive gestures, cueing, rehearsal techniques.

345 Instrumental Conducting ..... 2 cr
Prereq: MUSP 342. Freq: Fall (Even Years).
Techniques of instrumental conducting including baton technique, score reading and preparation, and rehearsal techniques.

346 Choral Conducting and Arranging ..... 3 cr
Prereq: MUSP 342. Freq: Fall (even years).
Techniques of choral conducting including score reading and preparation, rehearsal techniques and basics of choral arranging.

353 Advanced Keyboard Accompanying and Chamber Music Performance ..... 1 cr
Prereq: MUSP 153. Freq: Fall, Spring.
Coaching of vocal and instrumental music for performance including the study of accompanying technique, balance, instrumental color, vocal texts, articulation, style and pedaling. May be repeated for credit.

360 Voices of Parkside ..... 1 cr
Prereq: Audition, Freq: Fall, Spring.
In-depth study, intensive preparation, and refined performance of a wide range of challenging art, folk, and popular literature appropriate for chamber choral ensemble. Occasional additional rehearsals, frequent performances, and occasional tours required.

361 Chamber Music: Brass Ensemble ..... 1 cr
Prereq: Audition. Freq: Fall, Spring.
Study and performance of literature for small ensembles. Open to all students. May be repeated for credit.

362 Chamber Music: Classical Guitar Ensemble ..... 1 cr
Prereq: Audition. Freq: Fall, Spring.
Study and performance of literature for small ensembles. Open to all students. May be repeated for credit.

363 Chamber Music: Woodwind Ensemble ..... 1 cr
Prereq: Audition. Freq: Fall, Spring.
Study and performance of literature for small ensembles. Open to all students. May be repeated for credit.

364 Chamber Music: Percussion Ensemble ..... 1 cr
Prereq: Audition. Freq: Fall, Spring.
Study and performance of literature for small ensembles. Open to all students. May be repeated for credit.

365 Chamber Music: String Ensemble ..... 1 cr
Prereq: Audition. Freq: Fall, Spring.
Study and performance of literature for small ensembles. Open to all students. May be repeated for credit.

366 Jazz Combo ..... 1 cr
Prereq: Audition. Freq: Fall, Spring.
Study and performance of literature for small ensembles. Open to all students. May be repeated for credit.

367 Vocal Jazz Ensemble ..... 1 cr
Prereq: Audition and concurrent enrollment in MUSP 102 (Chorale, Master Singers) or MUSP 360. Freq: Spring.
A small ensemble committed to study and performance of vocal jazz literature.

390 Choral Special Project and Study ..... 1-5 cr
Prereq: Audition. Freq: Occasionally.
Engagement of special, one-time choral music projects, such as recordings, major literature preparations, choral education workshops, and domestic and/or international travel. Involves in-depth study, preparation, and participation. Fees may apply.

487 Musical Theatre Workshop ..... 1-3 cr
Prereq: Audition. Freq: Occasionally.
Study, research, preparation and performance of scenes, songs, and dances from musical theatre. May be repeated for credit.

488 Opera Theatre Workshop ..... 1-3 cr
Prereq: Audition. Freq: Spring.
Perform opera/operetta roles/ensemble in scenes or a complete work. Behind the scenes opportunities include stage management, stage direction, production crew, or costumes/makeup for qualified students. May be repeated for credit. Field trips required. Additional fees required.

Courses in Music Education (MUSE)

203 Introduction to Music Technology ..... 2 cr
Prereq: Music major or minor; or consent of instructor. Freq: Fall (even years)
Explores the broad dimensions of technology as they impact teachers and students in music education. Topics include music notation programs, audio sampling programs, digital audio and video recording, and assessment technologies applicable to classroom and ensemble.

300 Music Teaching and Learning ..... 3 cr
Prereq: Music major or minor; or consent of instructor. Freq: Spring (even years).
Examines of the foundations of music pedagogy, including historical and philosophical foundations and curricular approaches used in music teaching and learning. Includes field-based observational experiences in diverse classroom and community music settings.

302 Music in Childhood ..... 3 cr
Prereq: MUSI 121, MUSP 150; or consent of the instructor. Freq: Fall (odd years)
Prepares students to teach general music to young children. Classes will equip students with the competencies to plan, create, implement, and evaluate a general music curriculum. Current trends, materials, methods, and approaches will be reviewed.

303 Interdisciplinary Teaching and Learning ..... 2 cr
Prereq: MUSE 300 or consent of Instructor. Freq: Fall (even years)
Students learn to integrate music, visual art, drama, and movement with elementary and middle school curriculum. Methods of instruction include modeling and demonstration, group discussions, small group projects, critiques, and development of lesson plans that integrate the arts into the curriculum.

405 Principles and Techniques in Music Teaching and Learning ..... 3 cr
Prereq: Senior standing in music or consent of the instructor; completion of Math competency requirement. Freq: Spring (even years).
Serves as capstone and examines the assessment of individual and large group musical aptitude and achievement, and includes program evaluation, introductory quantitative and qualitative research in music education, and explores critical issues and recent trends in music education.

411 Methods of Elementary and Middle School Choral Music ..... 3 cr
Prereq: MUSI 321, concurrent enrollment in MUSE 412; or consent of the instructor. Freq: Spring (odd years)
Focuses on developing the knowledge, performances, and dispositions required in choral music education programs. Topics include administration, curriculum development, literature selection, instructional planning, and teaching strategies.

412 Early Clinical Experience: Choral/General ..... 1 cr
Prereq: Concurrent enrollment in MUSE 411 or 413; or consent of the instructor. Freq: Spring
Students participate in a variety of field observations of music programs, rehearsals, and performances. Field experiences include planning for and implementing ensemble warm-ups, planning for and leading sectional rehearsals, and working with selected students on solo or ensemble repertoire.

413 Methods of Teaching Secondary Choral Music ..... 3 cr
Prereq: MUSI 321 and concurrent enrollment in MUSE 412, or consent of the instructor. Freq: Spring (even years)
Prepares students to plan, organize, administer, and teach choral music in secondary music programs. Includes examination of materials, literature, and resources for secondary vocal music instruction.

414 Methods of Elementary and Middle School Instrumental Music ..... 3 cr
Prereq: MUSI 321, concurrent enrollment in MUSE 415; or consent of the instructor. Freq: Spring (odd years)
Prepares students to plan, organize, administer, and teach instrumental music in primary music programs. Students participate in a variety of field observations of music programs, rehearsals, and performances.

415 Early Clinical Experience: Winds, Strings and Percussion ..... 1 cr
Prereq: MUSI 321, concurrent enrollment in MUSE 413 or 414; or consent of the instructor. Freq: Spring
Prepares students to plan, organize, administer, and teach instrumental music. Provides clinical experience and guided practice in diverse instrument music settings. Students will use appropriate educational technology and current knowledge of learning development and differentiation to develop appropriate pedagogy.

416 Methods of Teaching Secondary Instrumental Music ..... 3 cr
Prereq: MUSI 321, concurrent enrollment in MUSE 415; or consent of the instructor. Freq: Spring (even years)
Prepares students to plan, organize, administer, and teaching instrumental music in the secondary school music program. Students observe and teach in a laboratory ensemble. Field experiences include planning for and implementing ensemble warm-ups, planning for and leading sectional rehearsals, and working with selected students on solo or ensemble repertoire.

420 Music Student Teaching Seminar ..... 2 cr
Prereq: Successful completion of all program requirements. Freq: Spring (even years)
Learning in seminar supports successful completion of the residency and state-mandated edTPA evaluation of teaching practice (to begin in 2015). Candidates conduct research into their own practice in relation to three significant challenges (sustaining professional vision and identity; adaptive expertise in the face of complex education demands, and enacting and evaluating practice). Additional support for career placement and advanced professional development planning.

Courses in Applied Music (MUSA)

010-084
(Applied Instruction - Preparatory) ..... 1 cr
Prereq: Consent of Advisor. Freq: Fall, Spring.
Private instruction in applied music is available to music majors and minors. Concurrent registration in a core music course and a large ensemble is required (see "ensemble requirement" section in the University Catalog in the Music Department chapter). To enroll, obtain the required class and permission numbers from a Music Department faculty academic adviser. Applied music instruction requires additional fees. Additional requirements may apply (see "Applied Music Courses MUSA" at the beginning of the music section in the University Catalog in the Music Department Chapter for further information).

110-185
(Applied Instruction – Major 2 cr or Secondary 1 cr) .....1-2 cr
Prereq: Consent of Advisor. Freq: Fall, Spring.
Private instruction in applied music is available to music majors and minors. Concurrent registration in a core music course and a large ensemble is required (see "ensemble requirement" section in the University Catalog in the Music Department chapter). To enroll, obtain the required class and permission numbers from a Music Department faculty academic adviser. Applied music instruction requires additional fees. Additional requirements may apply (see "Applied Music Courses MUSA" at the beginning of the music section in the University Catalog in the Music Department Chapter for further information).

210-285
(Applied Instruction – Major) ..... 2 cr
Prereq: Consent of Advisor. Freq: Fall, Spring.
Private instruction in applied music is available to music majors and minors. Concurrent registration in a core music course and a large ensemble is required (see "ensemble requirement" section in the University Catalog in the Music Department chapter). To enroll, obtain the required class and permission numbers from a Music Department faculty academic adviser. Applied music instruction requires additional fees. Additional requirements may apply (see "Applied Music Courses MUSA" at the beginning of the music section in the University Catalog in the Music Department Chapter for further information).

310-385

(Applied Instruction – Major) ..... 2 cr

Prereq: Consent of Advisor. Freq: Fall, Spring.

Private instruction in applied music is available to music majors and minors. Concurrent registration in a core music course and a large ensemble is required (see "ensemble requirement" section in the University Catalog in the Music Department chapter). To enroll, obtain the required class and permission numbers from a Music Department faculty academic adviser. Applied music instruction requires additional fees. Additional requirements may apply (see "Applied Music Courses MUSA" at the beginning of the music section in the University Catalog in the Music Department Chapter for further information).

410-485

(Applied Instruction – Major) ..... 2 cr

Prereq: Consent of Advisor. Freq: Fall, Spring.

Private instruction in applied music is available to music majors and minors. Concurrent registration in a core music course and a large ensemble is required (see "ensemble requirement" section in the University Catalog in the Music Department chapter). To enroll, obtain the required class and permission numbers from a Music Department faculty academic adviser. Applied music instruction requires additional fees. Additional requirements may apply (see "Applied Music Courses MUSA" at the beginning of the music section in the University Catalog in the Music Department Chapter for further information).

300 Junior Recital..... 1 cr

Prereq: Junior standing, Consent of Music Department Chair. Freq: Fall, Spring.

Supervised recital preparation and performance with appropriate research and writing of the recital program notes. May be repeated for credit.

400 Senior Recital..... 2 cr

Prereq: Senior standing Consent of Music Department Chair. Freq: Fall, Spring.

Supervised recital preparation and performance with appropriate research and writing of the recital program notes. May be repeated for credit.

Applied Instruction List of Courses

Piano:	MUSA 010, 110, 111, 210, 211, 310, 311, 410, 411
Organ:	MUSA 012, 112, 113, 212, 213, 312, 313, 412, 413
Harpsichord:	MUSA 016, 116, 117, 216, 217, 316, 317, 416, 417
Trumpet:	MUSA 020, 120, 121, 220, 221, 320, 321, 420, 421
Horn:	MUSA 022, 122, 123, 222, 223, 322, 323, 422, 423
Trombone:	MUSA 024, 124,125, 224, 225, 324, 325, 424, 425
Baritone:	MUSA 026, 126, 127, 226, 227, 326, 327, 426, 427
Tuba:	MUSA 028, 128, 129, 228, 229, 328, 329, 428, 429
Violin:	MUSA 040, 140, 141, 240, 241, 340, 341, 440, 441
Viola:	MUSA 042, 142, 143, 242, 243, 342, 343, 442, 443
Cello:	MUSA 044, 144, 145, 244, 245, 344, 345, 444, 445
String Bass:	MUSA 046, 146, 147, 246, 247, 346, 347, 446, 447
Classical Guitar:	MUSA 048, 148, 149, 248, 249, 348, 349, 448, 449
Harp:	MUSA 050, 150. 151, 250, 251, 350, 351, 450, 451
Flute:	MUSA 060, 160, 161, 260, 261, 360, 361, 360, 461
Oboe:	MUSA 062, 162, 163, 262, 263, 362, 363, 462, 463
Clarinet:	MUSA 064, 164, 165, 264, 265, 364, 365, 464, 465
Saxophone:	MUSA 066, 166, 167, 266, 267, 366, 367, 466, 467
Bassoon:	MUSA 068, 168, 169, 268, 269, 368, 369, 468, 469
Voice:	MUSA 080, 180, 181, 280, 281, 380, 381, 480, 481
Percussion:	MUSA 084, 184, 185, 284, 285, 384, 385, 484, 485

UW-MILWAUKEE/UW-PARKSIDE CONSORTIAL NURSING PROGRAM

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Bachelor of Science from UW-Milwaukee

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Coordinator, Consortial Nursing Program:
Nelson, R.N., M.S.N.

Consortial Nursing Academic Adviser:
Wade, M.S.

Lab Manager:
Wagner, R.N., B.S.N.

Student Organizations/Clubs:
Student Nurse Association of Parkside (SNAP)

Department Overview

The University of Wisconsin-Milwaukee College of Nursing offers a bachelor of science degree (B.S.) in nursing. The undergraduate program is offered on the UW-Milwaukee campus and at the UW-Parkside campus through a consortial program, initiated in June 1979. Students accepted into the program will complete the same curricular requirements as students enrolled on the UW-Milwaukee campus and must meet the same eligibility requirements for admission to the nursing major.

The program prepares students to begin positions of responsibility and leadership in providing professional care for clients and their families in their homes and in a variety of community health-care agencies. Students gain experience through a range of diverse programs in classroom and clinical settings.

Students are admitted to UW-Parkside, complete pre-nursing and nursing courses as UW-Parkside students, and earn their degree from UW-Milwaukee. For this reason, each consortial nursing student is responsible for meeting all UW-Milwaukee requirements. All course work required to complete the undergraduate degree in nursing is offered on the UW-Parkside campus, and all clinical courses utilize healthcare agencies in and around Racine, Kenosha, southern Milwaukee and Walworth counties. This UW-Parkside catalog states policies specific to the Consortial Nursing Program. Other UW-Milwaukee regulations, including academic policies, procedures, and requirements, are printed in the current UW-Milwaukee undergraduate bulletin. This and other UW-Milwaukee publications are available in the nursing adviser's office on the UW-Parkside campus in Tallent Hall 288.

The College of Nursing also offers a number of graduate degree programs, such as the master of nursing degree (M.N.) doctor of philosophy degree (Ph.D.) and doctor of nursing practice degree (DNP). For more information about our graduate programs, please see www.nursing.uwm.edu or call UWM College of Nursing 414-229-5047. These nursing programs are fully accredited through the state of Wisconsin Board of Nursing and the Commission on Collegiate Nursing Education.

The Nursing Learning Resource Center (NLRC), Tallent Hall 181, which serves nursing students, faculty, and the community, is an integral component of the undergraduate curriculum. This college laboratory is a mediated and simulated learning environment in which students perform skills foundational to safe nursing practice in settings with clients. In addition, the NLRC houses a modern, well-equipped micro-computer laboratory.

Program Level Outcomes

The UWM Consortial Nursing Program Objectives are:

1. Apply the nursing process in the delivery of nursing care, utilizing appropriate standards of care to individuals, families, groups and communities throughout the life span.
2. Establish independent and interdependent clinical leadership roles and develop collaborative roles to negotiate with and advocate for the care of individuals, families and groups.
3. Provide culturally competent nursing care in a variety of settings to diverse populations throughout health and illness.
4. Participate in improving professional nursing and influencing healthcare delivery and health policy through research utilization, education and practice.
5. Examine the implications of ethical, legal and public policy issues that influence healthcare.

UWM Nursing Program Outcomes

The UWM Nursing Program is designed to produce critical thinkers who can communicate effectively with others as they:

1. Gather and analyze data and determine solutions to clinical problems
2. Examine the impact of information, frameworks, theories, problems and issues on nursing and healthcare
3. Function effectively in the roles consistent with preparation

The UWM consortial undergraduate nurse will be a well-prepared generalist practitioner with a wide breadth of knowledge and is prepared for the evolving role of the professional nurse.

Overview of Clinical Experiences

As part of the educational program, nursing students participate in a variety of clinical experiences. These experiences take place in hospitals and nursing homes, community health centers and clinics, medical centers and mental health units, birthing centers, hospice settings, homes and parishes. Students work with individuals and families from many cultures and across all age groups who are dealing with physical and/or mental health problems or seeking to remain healthy, including children, teens, adults and the elderly. The selection of clinical experiences is based on the objectives of courses and the learning that is expected. Upon completion of the program, students will have all experiences necessary to become licensed as a registered nurse and secure employment.

The amount of time spent in the clinical experiences varies. As part of Foundations of Clinical Practice courses in the junior year, five hours per week for nine weeks will be spent in clinical practice. The clinical experience for the Senior Nursing Practice courses is 24 hours per week spread over three days. Clinical experiences may be on any day of the week including weekends. The experience may start as early as 6:30 a.m. and end as late as 11:00 p.m.

Admission to UW-Parkside

Students intending to pursue study in nursing are advised to complete the following units (one unit equals one year) in high school:

- 1/2 unit of speech (if available)
- 2-4 units of a foreign language (at least two years/units of the SAME foreign language)
- 3 units of college preparatory mathematics at or above algebra level
- 1/2 unit of computer science
- 1 unit of biology
- 1 unit of chemistry
- 1 unit of physics
- 1 unit of history
- 3 units of social studies
- 4 units of English

Pre-nursing students are admitted to UW-Parkside as matriculates and are classified as pre-nursing. Admission to the pre-nursing classification does not guarantee later admission to the nursing major. This subsequent admission occurs after a student has successfully completed the pre-professional requirements outlined in this catalog. Admission does not imply or guarantee that a student will be able to enter or complete the professional program within any specific time period.

Policies and Procedures of the College of Nursing

See College of Nursing Student Handbook for more information.

The policies and procedures of the College of Nursing apply to all students even though the student may be enrolled in courses in another college or school within the university. The general regulations governing UW-Milwaukee presented in this catalog apply to all consortial nursing students; therefore, these students do not need to fulfill UW-Parkside degree requirements.

Minors

Students who desire to pursue a minor at UW-Parkside are required to follow UW-Parkside requirements to complete a minor. The UW-Parkside catalog lists the minors available and their course requirements for completing the minor.

Nursing students, who complete a UW-Parkside minor, will have the minor posted on the UW-Milwaukee transcript.

UW-Milwaukee faculty and administration reserve the right to make changes in these regulations after publication; some of these changes may affect students' programs. Efforts will be made to publicize all changes, but it is the responsibility of students to ascertain the requirements of their program at all times. Admission to UW-Parkside does not imply or guarantee a student will be able to enter or complete a professional program within any specific time period.

Admission to Nursing Major

The College of Nursing requires a minimum GPA of 2.75 as calculated on the prerequisite courses completed prior to the nursing major and a minimum science GPA of 2.50. In addition, nursing faculty evaluate students on a written essay, work and volunteer experiences. Admission to the major is competitive. The minimum GPA required for admission can be significantly higher when there is a large applicant pool. Pre-nursing students who seek to enter the major and meet eligibility criteria (see below) are required to file an application with the nursing adviser in Tallent Hall 288. The College of Nursing Undergraduate Program Committee reviews the applications and makes recommendations for admission.

Application Deadline

Pre-nursing students who seek to enter the nursing major in September must submit applications by January 15 of the current academic year. Applications received after this date will be reviewed on a space-available basis.

Eligibility Criteria
Students are required to meet the following criteria to be reviewed for selection into the nursing major:

A. Satisfactorily complete or be enrolled in the following courses:

CHEM 115	Chemical Science	4 cr
CHEM 215	Organic and Biochemistry	4 cr
SOCA	Sociology Course (Any)	3 cr
ENGL 201	Advanced Composition	3 cr
BIOS 105	Human Physiology and Anatomy I	4 cr
BIOS 106	Human Physiology and Anatomy II	4 cr
BIOS 190	Fundamentals of Human Nutrition	2 cr
BIOS 202	General Microbiology	4 cr
PSYC 101	Introduction to Psychological Science	3 cr
PSYC 210	Introduction to Human Development	3 cr
	Social Science Elective (see adviser for list)	3 cr
NURS 101	Cultural Diversity in Health Care	3 cr
NURS 102	Perspectives on Health Care Systems	2 cr
NURS 300	Introduction to Nursing Research	2 cr
Total credits		44

B. Courses may be repeated only once. No more than three required courses may be repeated. All credit for required courses must have been earned in the 10 years preceding progression into the nursing major. Grades of less than 2.0 (C) must be replaced by grades greater than 2.0 (C) no later than August for fall applicants.

C. Achieve a minimum grade point average of 2.75 on a 4.0 scale. This GPA is computed on the courses listed above.

   Achieve a mimimum science grade point average of 2.50 on a 4.0 scale. This GPA is computed within the required sciences.

D. Achieve a minimum grade of 2.0 (C) in each of the required nursing and non-nursing courses as listed under part A.

E. Remove all incompletes and replace with acceptable grades before beginning the nursing major.

F. In addition to the satisfactory completion of courses listed in part A, applicants must demonstrate competency in math and English. Competencies must be fulfilled through testing or course work by the date of entry into the nursing major. Information about competency testing is available through the Consortial Nursing Office. Refer to the UW-Parkside Advising and Career Center for definition of competencies.

G. A statement written by the applicant.

H. Meet application deadlines.

I. A letter of recommendation is required if an applicant has been enrolled in clinical nursing courses at another school of nursing. This reference must be from the director of that College of Nursing. The letter should reflect a positive recommendation for the student's progression into the nursing major.

J. An interview with the student making application may be requested at the discretion of the Undergraduate Program Committee.

K. Following a review of the student's record and the progression of the student into the nursing major, the Undergraduate Program Committee may make recommendations intended to assist the student. These recommendations will be communicated to the student.

* Enrollment in freshman-level courses is based on ACT scores and in some cases, placement testing. As a result of ACT scores or placement testing, one or more preparatory courses may be required before enrollment in higher-level courses is permitted. Credits earned at the Academic Skill course/ASCK level in preparatory courses and English 100 do not apply to the 124 credits required for graduation.

Student Responsibilities in the Nursing Major

Students are expected to provide their own transportation, uniforms, books, supplies, equipment and other learning resources such as clients for practice experience as deemed necessary to meet course objectives.

Health
Good physical and mental health is essential for study and practice in professional nursing. The faculty of the College of Nursing reserves the responsibility for retaining only those students who demonstrate qualities of physical and mental health generally considered to be imperative for professional nursing practice.

A physical examination and specified immunizations are required of all students prior to enrollment in nursing practice courses. Expenses of this examination are the student's responsibility. Evidence of a physical examination, to be completed by a nurse practitioner, university physician, or a physician of the student's choice, must be submitted to Tallent Hall 288 on a date specified by the College of Nursing. The examination must be completed within one year before the date on which the student begins clinical nursing course work. Students who do not meet these health requirements may not be able continue in the nursing major.

After an offer of admission to the nursing major is made, admission is contingent upon demonstration of satisfactory health as evidenced by physical examination and fulfillment of the health and immunization requirements by the appropriate deadline. The College of Nursing reserves the right to require a student to seek advice of healthcare professionals where it is believed that a condition of health would impede his/her progress or jeopardize the health of others. The College of Nursing does not discriminate based on a disability and provides reasonable accommodation to qualified students on an individual basis.

Students are required to pass a 10 panel urine drug screen prior to continuing in a clinical nursing practicum course. The purposes of the drug screen are to comply with expectations of area health care agencies, to provide optimal healthcare, and to support professional nursing's zero tolerance position related to the unlawful use of substances. Students must

abide by the drug screen policies of each healthcare agency to which they are assigned for clinical practicums.

Illness or Prolonged Absence
Students are expected to be present at all scheduled classes and clinical laboratory experiences. Since space in nursing courses is assigned during the first week of the semester, students are expected to be present for all instructional periods during that week as well. Frequent or prolonged absences from scheduled classes and/or clinical experiences may necessitate that the student drop a nursing course. Any planned interruption in course work should be discussed with the student's instructor(s), course coordinator and the nursing adviser.

CPR Certification
Students must be certified in CPR at the health professional level prior to the first day of classes for the first semester in the nursing major. Authorized programs include those offered by the American Heart Association and the Red Cross. Local community groups offer programs sponsored by these agencies. Students admitted to the major must provide clinical instructors with a copy of their CPR card at the first meeting of their clinical lab group. Evidence of continued certification in CPR will be required throughout the program.

Background Check
Upon admission to the nursing major, successful completion of a criminal background check is required. Should a background check reveal that a student has a history of a criminal charge and/or conviction, they will be asked to make an appointment with the Academic Affairs Coordinator to discuss the implications of this finding on their educational plan. For all criminal background findings, the decision to accept a student for clinical placement will be made by the clinical agency, not the College of Nursing. More information on the Wisconsin Caregiver Background Check Law is available at http://www.dhs.wisconsin.gov/caregiver/index.htm. Consult with the College of Nursing Office of Academic Affairs at 414 229-2310 with questions specific to this area.

A processing fee will be charged for the background check. Additional fees will be charged for students who have resided outside of Wisconsin in the past three years.

Requirements for Employment, Licensing and Professional Practice
Students should be aware that some professions, occupations, and employers are subject to licensing and/or bonding requirements. When a course of study includes clinical or field training, practice teaching, internships, or the like, students may be subjected to a check of criminal conviction records prior to acceptance of a student by the placement site. Students are responsible for obtaining the information necessary for them to become knowledgeable about these requirements and plan their studies accordingly.

Professional Credentials

Wisconsin state law requires nurses to be licensed to practice nursing within the state. Licensure is obtained by endorsement or by passing an examination. Students graduating from the College of Nursing are eligible to write the examination if they:

1. are at least 18 years of age,
2. are graduates of a high school or its equivalent,
3. are able to speak, read, and write English,
4. can attest they are U.S. Citizens, and
5. pay the fee for licensure.

Applicants for registration/licensure in the state of Wisconsin will be asked to state if they have ever been convicted of a criminal offense, excluding minor traffic violations. When individuals have such a conviction, an explanation is requested. An investigation may follow depending upon the circumstances and all the facts related to the situation.

Safe Professional Practice in Clinical Settings
Students are expected to demonstrate patterns of professional behaviors which follow the legal and ethical codes of nursing; promote the actual or potential well-being of clients, health-care workers, and self in the biological, psychological, sociological, and cultural realms; demonstrate accountability in preparation, documentation, communication, and continuity of care; and show respect for the human rights of individuals. A student whose pattern of behavior is found to be unsafe may be terminated from a clinical practicum for reason of unsafe practice at any time during the semester. If the behavior is identified before the drop date, the student will be directed to drop. If the drop date has passed, the student will receive a grade of F for the course. In order to continue in the nursing program, a student who is terminated from a clinical practicum must appeal to the Undergraduate Program Committee for readmission to the nursing program.

Travel
Students in nursing are responsible for arranging transportation to and from all agencies or clients' homes used to provide clinical experience for the program. They are also responsible for any related liability. Students are expected to carry insurance on their vehicles.

Uniforms
Information about the uniform is shared at the nursing orientation and again in NURS 331 courses. Students purchase their uniforms after acceptance.

College of Nursing Academic Regulations

Required Grade Point Average
Every nursing student is required to maintain a minimum of a C average (cumulative GPA of 2.0 on a 4.0 scale) on all work attempted in each semester or summer session. Failure to meet this minimum GPA will automatically result in a status of academic probation.

In addition to maintaining a cumulative GPA of 2.0, a student must earn at least a C (2.0) in each required nursing course. (In a practicum course, a student must earn at least a C in both the clinical and theoretical components in order to receive a C as the final course grade.) Any student who earns a grade below C (2.0) in a required nursing course is automatically dropped from the nursing major. Such a student must appeal to the Undergraduate Program Committee for readmission and permission to repeat the course in which a minimum grade of C was not earned.

In a nursing course with limited enrollment or a waiting list, qualified students who have not taken the course previously will have enrollment priority. Progression to the next level of courses is not permitted until all courses of the previous level have been successfully completed.

Dropping Courses
Students should refer to a current class schedule for information concerning existing UW-Parkside drop policy guidelines and any exceptions for individual courses.

A student who wishes to drop from a required or elective clinical nursing course or to withdraw from the nursing program must discuss the matter with the instructor, coordinator of the Consortial Nursing Program, and, as advised, the director of the undergraduate program and the associate dean for academic affairs. In addition, the student may wish to discuss the matter with an academic adviser in the Consortial Nursing Program. Written approval to drop must be secured from the instructor and the director of the undergraduate program irrespective of the week of the semester. Any such interruption in the sequence of courses following acceptance into the major requires readmission to the nursing major. Information about the procedure for applying for re-admission is available in the Consortial Nursing Office. For additional information please refer to the College of Nursing Student Handbook which is available in the Consortial Nursing Office (Tallent Hall 288).

Grievance Procedure
The College of Nursing has a formal written grievance procedure, available in the Consortial Nursing Office (Tallent Hall 288). A grievance is defined as any situation affecting the status of a student in which the student believes his/her rights have been compromised or denied because of an erroneous or arbitrary interpretation or application of rules. Student grievances are reviewed by the College of Nursing Undergraduate Program Committee, which recommends the disposition of the grievance to the associate dean for academic affairs. In addition, this committee reviews and acts upon all cases of academic misconduct as described in Chapter UWS 17, UW-Milwaukee Student Disciplinary Procedures.

Degree Requirements

Students must earn a minimum of 124 semester credits to complete requirements for the undergraduate UW-Milwaukee degree. A minimum cumulative GPA of 2.0 for all credits earned for UW-Milwaukee is required for graduation. The last 30 semester credits must be completed on the UW-Parkside campus (through the Consortial Nursing Program); at least 20 of these credits must be earned in nursing. The required courses are listed below. Students who pursue nursing through the Consortial Nursing Program must follow UW-Milwaukee general education requirements for graduation. See below for *general education requirements (GER). If a student decides to change his/her major from nursing to a UW-Parkside major, the student must then follow UW-Parkside general education requirements for graduation.

UW-Milwaukee General Education Requirements for Nursing Students*

Humanities

Consult nursing adviser for approved GER ..... 6 cr

The Arts

Consult nursing adviser for approved GER arts ..... 3 cr

History

Any course offered by History Department ..... 3 cr

Foreign Language

Two semesters of the same language..... 0-8 cr

Electives ..... 8 cr

* All nursing students are responsible for checking whether they meet the UW-Milwaukee general education requirements (written above).

Pre-Nursing Prerequisites (44 credits)

ENGL 201	Advanced Composition	3 cr
SOCA	Sociology Course (Any)	3 cr
PSYC 101	Introduction to Psychological Science	3 cr
PSYC 210	Introduction to Human Development	3 cr
	Social Science Elective**	3 cr
CHEM 115	Chemical Science	4 cr
CHEM 215	Introductory Biochemistry	4 cr
BIOS 105	Human Physiology & Anatomy I	4 cr
BIOS 106	Human Physiology & Anatomy II	4 cr
BIOS 190	Fundamentals of Human Nutrition	2 cr
BIOS 202	General Microbiology	4 cr
NURS 101	Cultural Diversity in Health Care	3 cr
NURS 102	Perspectives on Health Care Systems	2 cr
NURS 300	Introduction to Nursing Research	2 cr

** See nursing adviser for list.

Nursing Courses in the Major (60 credits)

Students must be admitted to the nursing major or have special permission to enroll in nursing courses. See nursing adviser, Tallent Hall 288.

NURS 205	Clinical Pharmacology	3 cr
NURS 211	Health Assessment	3 cr
NURS 315	Nursing Science I: Promoting & Maintaining Health	2 cr
NURS 320	Concepts of Illness I	3 cr
NURS 321	Concepts of Illness II	3 cr
NURS 326	Nursing Science II: Concepts of Aging and Long Term Health Care	3 cr
NURS 327	Nursing Science III: Concepts of Health Care for Women & Children	4 cr
NURS 328	Nursing Science IV: Concepts of Health Care of the Adult	4 cr
NURS 331*	Foundation of Clinical Practice I	5 cr
NURS 334	Foundation of Clinical Practice II	3 cr
NURS 403	Practice, Research, & Leadership Role Development I	3 cr
NURS 404	Practice, Research & Leadership Role Development II	3 cr

NURS 415	Nursing Science V: Concepts of Community Health Care of Aggregates	3 cr
NURS 440	Nursing Specialty Course	2 cr
NURS 442	Nursing Practice I	8 cr
NURS 443	Nursing Practice II	8 cr

* Prior to enrolling in the first clinical practice course, NURS 331 Foundation of Clinical Practice I, students must complete a level 3 CPR certification program for health professionals. Students will be required to provide their clinical instructors with a copy of their CPR card at the first meeting of their clinical lab group.

Courses in the Consortial Nursing Program (NURS)

101 Cultural Diversity in Health Care ..... 3 cr
Prereq: None. Freq: Fall.
Enables student to conceptualize cultural diversity as a basic component of American society with implications for sensitivity and respect in health promotion and human relations.

102 Perspectives on Health Care Systems ..... 2 cr
Prereq: None. Freq: Spring.
Provides students with an orientation to the complexity of health care, health-care delivery systems, and the populations served.

190 Special Studies in Nursing ..... 1-5 cr
Prereq: Consent of instructor. Freq: Fall, Spring, Summer.
An elective nursing course in which the students establish their objectives and actively participate in the selection of their learning experiences. They may register for 1 to 5 credits under a specified instructor who will approve their course of study.

205 Clinical Pharmacology ..... 3 cr
Prereq: Admission to nursing major, NURS 320 or R.N. status, or concurrent registration, consent of instructor. Freq: Spring.
This course focuses on the principles of pharmacology and administration; legislative controls; mechanisms of drug actions; contraindications; adverse and toxic effects and lifespan considerations.

211 Health Assessment ..... 3 cr
Prereq: NURS 315, NURS 331, admission to nursing major or consent of instructor. Freq: Fall.
This course focuses on concepts and skills to comprehensively assess the health status of individuals. History taking, physical examination techniques, developmental, and other assessments are presented.

290 Special Studies in Nursing ..... 1-5 cr
Prereq: Sophomore standing, consent of instructor.
Freq: Fall, Spring, Summer.
An elective nursing course in which the students establish their objectives and actively participate in the selection of their learning experiences. They may register for 1 to 5 credits under a specified instructor who will approve their course of study.

300 Introduction to Nursing Research ..... 2 cr
Prereq: None. Freq: Spring.
Examination of the history, principles, purposes, methods, and strategies of the research process with particular emphasis on learning critical appraisal of current nursing research literature.

315 Nursing Science I: Promoting and Maintaining Health ..... 2 cr
Prereq: Admission to nursing major or consent of instructor. Freq: Fall.
Nursing science related to health promotion, disease prevention, and maintaining health are investigated along with responses of individual and families in acute and community settings.

320 Concepts of Illness I ..... 3 cr
Prereq: BIOS 106, BIOS 202, CHEM 215, and PHYS 101, R.N. status, or consent of instructor. Freq: Fall.
This course focuses on mechanisms, manifestations, diagnosis, and treatment of disease states for selected body systems.

321 Concepts of Illness II ..... 3 cr
Prereq: NURS 320 or consent of instructor. Freq: Spring.
This course focuses on the mechanisms, manifestations, diagnosis and treatment of disease states for selected body systems; continuation of NURS 320.

326 Nursing Science II: Concepts of Aging & Long-Term Health Care ..... 3 cr
Prereq: Admission to nursing major or consent of instructor. Freq: Fall.
Identification and management of factors influencing and compromising health and functional ability of older adults and exploration of long-term health care in various settings.

327 Nursing Science III: Concepts of Health Care for Women and Children ..... 4 cr
Prereq: NURS 211, 320, 321, 331. Freq: Spring.
Nursing science related to the acute, chronic, and health promotion care of women and children and their families in acute and community care settings.

328 Nursing Science IV: Concepts of Health Care of the Adult ..... 4 cr
Prereq: NURS 321, 331. Freq: Spring.
Nursing science related to adults with acute and chronic health problems in both acute and community care settings, individual and family responses are investigated.

331 Foundation of Clinical Practice I ..... 5 cr
Prereq: Admission to nursing major. Freq: Fall.
Introductory course includes communication, philosophy, theory, and decision-making content, and psychomotor skills to be used as a base for planning and providing nursing care.

334 Foundation of Clinical Practice II ..... 3 cr
Prereq: NURS 205, 321, 331. Freq: Spring.
Refine clinical decision-making skills within the nursing process, professional communication, and psychomotor skills necessary for helping clients needing nursing care.

390 Special Studies in Nursing ..... 1-5 cr
Prereq: Junior standing, consent of instructor.
Freq: Fall, Spring, Summer.
An elective nursing course in which the students establish their objectives and actively participate in the selection of their learning experiences. They may register for 1 to 5 credits under a specified instructor who will approve their course of study.

403 Practice, Research, and Leadership Role Development I ... 3 cr
Prereq: NURS 334, 442 Freq: Fall.
Emphasis is on the professional nurse as a practitioner, researcher, manager, and leader. The role of the nurse in these endeavors is explored and evaluated.

404 Practice, Research & Leadership Role Development II ..... 3 cr
Prereq: NURS 403, 415. Freq: Spring.
Critical issues impacting the development of current and emerging professional roles.

415 Nursing Science V: Concepts of Community Health Care of Aggregates ..... 3 cr
Prereq: NURS 334. Freq: Fall.
Nursing care of individuals, families, and communities, as well as aggregates and special populations in the community. Roles of community health nurses are explored.

440 Nursing Specialty Course ..... 2 cr
Prereq: Admission to nursing major, NURS 403, 415, 442.
Freq: Spring.
Topics of current interest in nursing specialty areas.

442 Nursing Practice I ..... 8 cr
Prereq: Admission to nursing major, NURS 205, 321, 327, 328, 334.
Freq: Fall.
Clinical practice course for providing nursing care for adults and children experiencing acute and/or chronic health problems.

443 Nursing Practice II ..... 8 cr
Prereq: Admission to nursing major, NURS 403, 442. Freq: Spring.
Clinical practice course for providing nursing care to individuals, families, groups, and communities.

POLITICS, PHILOSOPHY, AND LAW

Greenquist • 262-595-2316

Degree Offered:
Bachelor of Arts.

Professors:
Olsen, Ph.D.

Associate Professors:
Akindes Ph.D.; James, Ph.D.

Assistant Professor:
Astoria JD/Ph.D.; Keefe, Ph.D.; Hudspeth, Ph.D.

Senior Lecturer:
Pearson, M.A.

Professional Accreditations or Memberships:
American Political Science Association; American Philosophical Association, Philosophy of Science Association

Student Organizations/Clubs:
Prelaw Society; Parkside Philosophical Society, Phi Sigma Tau

Career Possibilities:
For information about graduate school, law school or careers in political science, visit the department's website at www.uwp.edu.

Because of its emphasis on critical thinking and conceptual analysis, philosophy provides excellent preparation for a wide variety of professional studies and careers. UW-Parkside philosophy graduates have pursued many vocational interests in the past, from graduate school in philosophy and other fields in the humanities and social sciences, to law, librarianship, medical school, and business.

Department Overview

Although both continue to operate as separate academic programs, in 2012 the Department of Political Science and Law and the Department of Philosophy merged to form the Department of Politics, Philosophy, and Law. The program in political science provides many educational opportunities for the undergraduate student, with particular strengths in comparative politics, international relations, and legal studies. A unique feature of the department is the internship program, which permits students to earn academic credit while directly experiencing government, politics, public administration and law. The program in philosophy offers its majors and minors a variety of courses in traditional areas of philosophical inquiry while providing a broad range of general education courses and courses bearing on other disciplines. Philosophy and political science have collaborated in various ways for some time, in particular with cross-listed courses contributing to each other's programs (see below).

The merging of the two departments provides a unique opportunity for our faculty and for our students. While philosophy is the rational investigation of truths about reality, knowledge and values essential to understanding the place of human beings in the world and the nature of the good life, political science is the systematic study of political systems, behaviors, and processes, as well as the systems of thought which underlie political structures. Both political science and law and philosophy include within their scope the study of logic and scientific method, as well as the investigation of ethical and political values. Thus they often provide reflective insight for other fields of study. In the future, the department's intent is to more fully integrate the two academic programs in order to take full advantage of the possibilities for creative course offerings which will benefit students' intellectual growth.

Preparation for Graduate School

The undergraduate major in political science can help prepare an individual for graduate study in law, public administration, the policy sciences, political science, or criminal justice. Internships, independent study, and off-campus programs for credit course work in political science provide an opening to the ideas and tools used in the field. Through internships with politicians and public officials, such as the district attorney and social service agencies, these tools and ideas may be used and evaluated in practice. The credit-bearing internship offers an excellent opportunity for exploring employment possibilities while supplementing academic training. Independent-study projects are strongly encouraged for political science students who wish to acquire the ability to do research and to explore their own interests. Off-campus programs provide a third possibility for professional development outside of regular course work. Programs in New York with the United Nations and in Washington with the federal government are available, as are other individualized arrangements.

Completing the major in philosophy will prepare students for entrance into graduate school in the field, but those interested in this option should endeavor to take as many upper level courses as they can in as many areas as possible, including especially the history of philosophy. Graduates in philosophy have also pursued graduate study in psychology, art history, library science, business (M.B.A.) and law.

Cross-listed Courses between Political Science and Law and Philosophy

POLS 207/PHIL 207	Classical Political Philosophy
POLS 221/PHIL 220	Politics, Law, and Society
POLS 304/PHIL 304	Theories of International Relations
POLS 306/PHIL 306	Modern Political Philosophy
POLS 307/PHIL 307	Contemporary Political Thought
PHIL 275*	Techniques of Philosophical Research

*for Political Science Majors with a Concentration in Law

Program Level Outcomes for Political Science

1. We seek to help our students attain a practical and theoretical knowledge of politics and the law, assisting them to become conversant in a broad-range of concepts in the areas of political theory, international politics, comparative politics, American government, and the law.
2. We seek to help our students to become critical thinkers; thinkers that are able to question the assumptions that underwrite claims or positions and make reasoned determinations about the truth and strength of various arguments.
3. We seek to help our students to become independent researchers, capable of identifying and articulating hypotheses, seeking information and inputs relevant to the topic, evaluating the credibility of sources and information, applying the appropriate methods and tools for testing or exploring a hypothesis, and drawing proper conclusions based on their findings.
4. We seek to help our students become global citizens in the sense that they have civically-oriented consciousness, a respect for diversity, pluralism and inclusiveness, and a moral and ethical sense of responsibility and moral disposition regarding their place in local, state, national, and international communities.

Requirements for Admission to the Political Science Major and to the Major with a Concentration in Law

1. A student must be in good academic standing at the time of declaring the major.
2. At least two courses in political science in courses numbered 100 through 105 with a grade of C or better in each course. (C-minus does not count.)

Requirements for the Political Science Major (34 credits)

This department offers the two major options: the traditional major in political science and the major in political science with a concentration in law. Students need to complete the requirements for one of these options. For example, a student choosing to major in political science with a concentration in law needs to meet the requirements listed under the concentration in law. The major in political science consists of a minimum of 34 credits. Students must complete a minimum of 15 credits at UW-Parkside in their major in courses numbered 300 or above in addition to POLS 445 Senior Seminar in Political Science.

A. Introductory Courses (9 credits)

Choose 3 courses:

POLS 100	American Politics	3 cr
POLS 103	Introduction to Comparative Politics	3 cr
POLS 104	Introduction to International Relations	3 cr
POLS 105	Political Beliefs	3 cr
POLS 202	Public Policy	3 cr

B. Required Research Course (4 credits)

POLS 200 Research Methods and Sources ..... 4 cr

This course is required even if another research methods course has been taken.

C. Advanced Courses (9 credits)

Choose one course from each of the three groups below:

American Politics: POLS 214, 215, 216, , 360, 375, 385, 395

World Politics: POLS 224, 304, 330, 331, 332, 334, 335, 340, 341, 350, 415

Political Theory: POLS 207, 303, 304, 306, 307, 332, 334, 350

Note: Students may count POLS 304, 332, 334, and 350 for world politics or political theory, not for both.

D. Additional Upper Level Courses (9 credits)

Choose at least three additional courses numbered 300 or above:

The political science internship and independent study are recommended options but are not required. No more than 6 credits of internship and 3 credits of independent study can be counted toward meeting the credit-hour requirements for the major. Independent study credits do not count toward meeting the 15 upper level credit-hour requirement for the major. Only 3 credits of internship credit can be used to meet the 15 upper level credit-hour requirement for the major.

E. Required Senior Seminar (3 credits)

POLS 445 Senior Seminar in Political Science..... 3 cr

Requirements for the Political Science Major with a Concentration in Law (33-34 credits)

This department offers a concentration in law for political science majors interested in pursuing a career in law or legal studies (practicing law, teaching law, court administration, and government agencies). The concentration in law brings together the most significant perspectives and tools required for a thorough preparation in law and legal studies, grounded in democratic theory and practice.

Students must complete a minimum of 15 credits at UW-Parkside in their major in courses numbered 300 or above. This concentration requires a minimum of 33 credits. These credits are distributed as follows:

A. Required Courses (21-22 credits)

POLS 100	American Politics	3 cr
POLS 200	Research Methods and Sources	4 cr
	OR	
PHIL 275	Techniques of Philosophical Research	3 cr
POLS 209	Legal Research and Writing	3 cr
POLS 216	Introduction to Law	3 cr
POLS 310	Constitutional Law: Civil Liberties	3 cr
POLS 320	Constitutional Law: The Structure of Government	3 cr
POLS 444	Mock Trial Travel Team	3 cr

B. Introductory Course (3 credits)

Choose one course:

POLS 103	Introduction to Comparative Politics	3 cr
POLS 104	Introduction to International Relations	3 cr
POLS 105	Political Beliefs	3 cr

C. Upper Level Electives (9 credits)

Choose three courses (minimum of one in POLS):

BUS 372	Business Law	3 cr
COMM 485	Practicum in Conflict Intervention	3 cr
CRMJ 325	Restorative Justice	3 cr
CRMJ 380	Criminal Law	3 cr
HESM 300	Legal Issues in Sport and Fitness Management	3 cr
HESM 400	Advanced Legal Issues in Sport Management	3 cr
PHIL 350	Philosophy of Law	3 cr
POLS 302	Environmental Policy	3 cr
POLS 316	Diversity Law: African Americans	3 cr
POLS 415	International Law	3 cr
POLS 400	Internship**	3 cr
SOCA 359	Law and Society	3 cr

D. Strongly Recommended

PHIL 201	Logic	3 cr

** A maximum of 3 credits of internship can be applied to the 9 credits required in this category.

Note: Courses in other departments may have course or departmental prerequisites.

Requirements for Graduating with a Political Science Major

All students must complete their degree program within 10 years of declaring a major or minor in political science, or the concentration in law, or completing their first course in political science, whichever is earlier. Credits earned at UW-Parkside or at any other institution that are more than 10 years old cannot be used to complete any major, minor or concentration offered by this department. A student who has been inactive for three or more years must reapply for admission to the major. The department reserves the right to require additional credits or course work.

Requirements for the Student-Designed Political Science Minor (18 credits)

A. Choose two introductory courses at the 100 level (6 credits)

B. Choose one course at the 200 level (3 credits)

C. Choose three courses at the 300 level (9 credits)

Requirements for the World Politics Minor (18 credits)

A. Required Courses (9 credits)

POLS 103	Introduction to Comparative Politics	3 cr
POLS 104	Introduction to International Relations	3 cr
POLS 304	Theories of International Relations	3 cr
OR		
POLS 350	Theories of Comparative Politics	3 cr

B. World Politics Elective Courses (9 credits)

Choose three courses from list:

POLS 224, 304, 330, 331, 332, 334, 335, 340, 341, 350, 415.

Requirements for the Public Policy Studies Minor (15 credits)

A. Required Courses (9 credits)

POLS 202	Public Policy	3 cr
POLS 203	Women, Power and Politics	3 cr
POLS 291	Contemporary Political Issues	3 cr

B. Public Policy Course (6 credits)

Choose any relevant public policy POLS 490 special topics course (for 6 credits).

Note: POLS 200 Research Methods and Sources, is not required for any minor in the department. However, certain advanced courses have POLS 200 as a prerequisite. If you have not taken POLS 200, check with the instructor of a course to see if it is a course prerequisite.

Requirements for the Legal Studies Minor (18 Credits)

A. Required Courses (9 credits)

POLS 209	Legal Research and Writing	3 cr
POLS 216	Introduction to Law	3 cr
POLS 310	Constitutional Law: Civil Liberties	3 cr
OR		
POLS 320	Constitutional Law: Structure of Government	3 cr

B. Elective POLS Courses (6 credits)

Choose two courses from the list:

POLS: POLS 221, 310, 316, 320, 415, 444, 490 (with permission of legal studies adviser)

C. Elective Course (3 credits)

Choose one course from the list:

BUS 372, 381; CRMJ 316, 325, PHIL 350; SOCA 359.

Program Level Outcomes for Philosophy

1. Knowledge and Understanding: Majors will gain a familiarity with several important philosophical ideas and philosophers.
2. Skills majors will learn to think logically and creatively, to critically analyze key texts and arguments and to effectively communicate their ideas.
3. Values majors will engage in fair and reasoned discourse.

Philosophy Honors

To be eligible for a B.A. with honors in Philosophy, a philosophy major must attain a GPA of 3.5 or better in all philosophy courses taken. In addition an overall GPA of 3.00 must be attained. Students who are required to take English 100 should not enroll in a philosophy course until they have satisfactorily completed English 100.

Requirements for the Philosophy Major (36 credits)

The major in philosophy consists of a minimum of 36 credits in philosophy courses. The following requirements apply to all majors:

A. Required Courses (12 credits)

PHIL 201	Logic	3 cr
PHIL 260/ 360	History of Philosophy: Ancient	3 cr
PHIL 261/ 361	History of Philosophy: Early Modern	3 cr
PHIL 275	Techniques of Philosophical Research	3 cr

B. At least 15 credits of upper level courses in the major must be completed at UW-Parkside. PHIL 499 Independent Study does not count toward these 15 credits.

C. A total of no more than 6 credits of PHIL 499 Independent Study, will count toward the major

D. A grade of C-minus or higher is required in any course to be counted toward the major.

E. A 2.50 or better GPA in courses counting toward the major is required. Not all philosophy courses taken need be counted toward the major.

F. All majors are required to complete two courses (with one at the 300 level) in two of the following three areas (12 credits): (1) Ethics, Value Theory, and Social and Political thought; (2) Metaphysics and Philosophy of Mind; and (3) Epistemology and the Philosophy of Science. No course may be used to cover two areas at once. This requirement is a total of four courses with a minimum of two at the 300 level. The department will sometimes assign courses to different areas depending on their topics, and majors will be informed of such assignments in advance.

1. Ethics, Value Theory and Political Thought

PHIL 206	Introduction to Ethics	3 cr
PHIL 207	Classical Political Philosophy	3 cr
PHIL 213	Aesthetics	3 cr
PHIL 215	Contemporary Moral Problems	3 cr
PHIL 220	Politics, Law, and Society	3 cr
PHIL 306	Modern Political Philosophy	3 cr
PHIL 307	Contemporary Political Thought	3 cr
PHIL 320	Value Theory	3 cr
PHIL 328	Ethics in the Criminal Justice System	3 cr
PHIL 350	Philosophy of Law	3 cr

2. Metaphysics and Philosophy of Mind

PHIL 204	Reason and Reality	3 cr
PHIL 205	Philosophy of Religion	3 cr
PHIL 255	Topics in Continental Thought	3 cr
PHIL 305	Philosophical Analysis (depending on the topic)	3 cr
PHIL 315	Metaphysics	3 cr
PHIL 355	Topics in Continental Thought	3 cr

3. Epistemology and Philosophy of Science

GSCI 102	Science and Pseudoscience	3 cr
PHIL 203	Truth, Knowledge, and Belief	3 cr
PHIL 303	Set Theory and Logic	3 cr
PHIL 305	Philosophical Analysis (depending on the topic)	3 cr
PHIL 310	Philosophy of Science	3 cr

Requirements for the Philosophy Minor (18 credits)

- A minimum of 9 upper-level credits must be taken at UW-Parkside.
- A grade of C-minus or higher is required in any course to be counted toward the minor.
- A 2.50 or better GPA in courses counting toward the minor is required.

1. Choose three courses at the 300 or 400 level (9 credits)
2. Choose two courses in philosophy at 200 level or above (6 credits)
3. Choose one course in philosophy at any level (3 credits)

Requirements for the Philosophy of Natural Science Minor (18 credits)

The minor in philosophy of natural science is open to students majoring in biological sciences, geology, mathematics, computer science, and physics, and to others by consent of the chair of the Philosophy Department.

1. Required Courses (9 credits)

GSCI 102	Science and Pseudoscience	3 cr
PHIL 201	Logic	3 cr
PHIL 310	Philosophy of Science	3 cr

2. Elective Courses (9 credits)

Choose 3 courses:

MATH 373	History of Mathematics	3 cr
PHIL 102	Great Thinkers	3 cr
PHIL 203	Truth, Knowledge, and Belief	3 cr
PHIL 204	Reason and Reality	3 cr
PHIL 303/ MATH 303	Set Theory and Logic	3 cr
PHIL 310	Philosophy of Science (may repeat with different topic)	3 cr

Other courses will be accepted as electives from time to time as suitable.

Courses in Political Science (POLS)

100 American Politics ..... 3 cr
Prereq: None. Freq: Fall, Spring, Summer.
The institutions, processes and dynamics of the American governmental system. Special emphasis is placed on problems of policy making in a pluralistic democratic system.

103 Introduction to Comparative Politics ..... 3 cr
Prereq: None. Freq: Fall.
Explores questions such as why some developed democracies have extensive welfare states and the differences between prime ministers and presidents through qualitative and quantitative analysis.

104 Introduction to International Relations ..... 3 cr
Prereq: None. Freq: Fall.
Conceptual and theoretical tools for interpreting world politics and navigating the international system. Basic foreign policy analysis, key actors in the international system and a special focus on the United Nations, European Union, International Monetary Fund, and World Bank.

105 Political Beliefs ..... 3 cr
Prereq: None. Freq: Fall, Spring.
An overview of major ideologies such as Liberalism, Conservatism, Fascism, Socialism, Environmentalism, and Fundamentalism- that have shaped the modern political world. Focuses on understanding and critiquing these ideologies, with students developing their own critical thinking and writing skills. .

200 Research Methods and Sources ..... 4 cr
Prereq: Completion of POLS introductory sequence. Freq: Yearly.
Methods, philosophy, and sources of political science research. Required for the major in political science and for the concentration in legal studies.

202 Public Policy ..... 3 cr
Prereq: POLS 100. Freq: Occasionally.
Explores the processes, problems, methods and issues involved in the formulation of public policies. Emphasis on policy formation at the national, state, and local levels. Case studies employed.

203 Women, Power and Politics ..... 3 cr
Prereq: None. Freq: Occasionally.
Examines the environmental, systematic, and political variables that define the existing and potential political position of women in a variety of international cultures. Cross-listed with WGSS 203.

207 Classical Political Philosophy ..... 3 cr
Prereq: One of the following: POLS 105, PHIL 101, HIST 118. Freq: Occasionally.
The works of classical Greek political philosophers Thucydides, Plato, and Aristotle. Cross-listed with PHIL 207.

209 Legal Research and Writing ..... 3 cr
Prereq: POLS 100. Freq: Yearly.
Analysis of the legal case reporting systems, access to legal journals, statutory law reporting, research on the web, and other research tools. The basics of writing legal briefs, documents, and research papers will be covered.

214 Legislative Politics ..... 3 cr
Prereq: POLS 100. Freq: Occasionally.
Analysis of the nature of congressional behavior, the legislative process, and the structure of Congress, and problems of congressional reform. Case studies included.

215 The Presidency ..... 3 cr
Prereq: POLS 100. Freq: Occasionally.
The office of the president of the United States as an institution and as shaped by its incumbent. The president's political, statesman, social, and ceremonial roles. Comparative material included where relevant.

216 Introduction to Law ..... 3 cr
Prereq: POLS 100. Freq: Fall, Spring.
Examines legal reasoning, judicial process, and legal remedies. Focuses on the four divisions of the common law: property, torts, contracts, and criminal law.

221 Politics, Law and Society ..... 3 cr
Prereq: None. Freq: Fall.
Studies how law and politics interact with personal and social Identity, including race, gender, and class. Cross-listed with PHIL 220.

224 American Foreign Policy..... 3 cr
Prereq: One POLS course or junior standing. Freq: Occasionally.
Formulation and implementation of foreign policy in the United States. Relationship of American foreign policy to its domestic foundations and to the larger international system.

290 Special Topics in Political Science..... 3 cr
Prereq: POLS 100 or consent of instructor and section prereqs. Freq: Occasionally.
Selected topics in political science will be studied.

302 Environmental Policy..... 3 cr
Prereq: POLS 100 or ENVS minor. Freq: Occasionally.
A survey of the political and social aspects of environmental policy-making and how different political decision-making structures respond to various environmental issues.

303 Science Fiction and Politics..... 3 cr
Prereq: POLS 104 or 105. Freq: Summer
Exploration of current political and social issues using works of science fiction. Topics include individualism, collectivism, democracy, gender issues, and biopolitics. Various dystopic political futures will be discussed.

304 Theories of International Relations..... 3 cr
Prereq: POLS 104 and 200. Freq: Spring.
Contemporary theories of international relations, with selected applications to current issues or relationships in international politics. Emphasis on critical theories in the evaluation and comparison of various theoretical approaches. Cross-listed with PHIL 304.

306 Modern Political Philosophy..... 3 cr
Prereq: One of the following: POLS 105, PHIL 101, HIST 119, 120. Freq: Occasionally.
The works of modern political thinkers such as Machiavelli, Hobbes, Locke, Rousseau, Mill, Hegel, Marx, and Nietzsche. Cross-listed with PHIL 306.

307 Contemporary Political Thought..... 3 cr
Prereq: One POLS or PHIL course. Freq: Occasionally.
Examines contemporary philosophical works including themes of the meaning of equality, liberty, autonomy, gender, race and community in contemporary society. Cross-listed with PHIL 307.

310 Constitutional Law: Civil Liberties..... 3 cr
Prereq: POLS 100, 209. 216. Freq: Yearly.
Examines U.S. Supreme Court cases concerned with the protection of civil liberties. Topics may include race and equality; sex, marriage, and reproduction; free speech; freedom of religion.

316 Diversity Law: African Americans..... 3 cr
Prereq: POLS 100 or ETHN minor. POLS 216 recommended. Freq: Occasionally.
Analyzes the relationship of African Americans to the United States Constitution, and includes such topics as -slavery, the Fugitive Slave Acts, the Civil War Amendments, segregation, the civil rights movement, voting rights, affirmative action, and housing laws.

320 Constitutional Law: The Structure and Power of U.S. Government..... 3 cr
Prereq: POLS 100, 209, 216. Freq: Yearly.
Examins the structure of government established by the Constitution. Topics include the relationship between the states and the federal government, the Congress' power to regulate the economy, and the President's power to conduct war.

330 European Politics..... 3 cr
Prereq: POLS 103 or 104. Freq: Spring.
Political culture, political institutions, and public choices of European democratic states. Special focus as well on the history, institutions, and policies of the European Union.

331 The Politics of Developing Nations..... 3 cr
Prereq: POLS 103 or 104. Freq: Occasionally.
Examines problems of developing political institutions as they cope with and generate processes of, social change, economic development, and cultural independence.

332 Socialist Thought and Practice..... 3 cr
Prereq: POLS 103, 104 or 105; or consent of instructor. Freq: Occasionally.
Explores the thought of Marx and his later interpreters, such as Lenin and Bernstein. Discussion of the ideological foundations of and political dynamics of socialist systems. May include discussion of other socialist thinkers.

334 Resistance..... 3 cr
Prereq: Junior standing or consent of instructor. Freq: Yearly.
Examines the dissemination of and resistance to power (in a Foucauldian sense) in the global economy/polity. Introduces the concept of modernity and its underside via Hortkheimer, Adorno, and Foucault's notion of power within modern and post-modern contexts. Extends these notions through the works of Deleuze, Hardt and Negri, and others. Cross-listed with INTS 334.

335 Democratization..... 3 cr
Prereq:POLS103, POLS 200. Freq: Occasionally.
Empirical exploration of how countries democratize as well as concepts and theories regarding these processes. Topics will include maximalist versus minimalist definitions of democracy; how democratization can best be operationalized and measured; and what cultural, economic and political-institutional factors make democratization viable and long-lived.

340 The Latin American Left..... 3 cr
Prereq: POLS 104. Freq: Occasionally.
Focuses on the Latin American Left—the environment that spawned it, its historical role in changing Latin American politics, and its role in the present and future political and economic development of the region.

341 International Conflict and Cooperation..... 3 cr
Prereq: POLS 104, 200. Freq: Occasionally.
Cooperation and competition in the anarchic environment of international politics. Selected models of world order investigating integration and fragmentation of nation-states; development and maintenance of international regime structures; and the influence of international/regional organizations.

349 Global Ethics..... 3 cr
Prereq: Sophomore standing. Freq: Occasionally.
Examines current global issues, conditions, and choices in terms of the ethical questions they present. Topics vary. May be repeated with a different topic.

350 Theories of Comparative Politics..... 3 cr
Prereq: POLS 103, 200. Freq: Fall.
Major theories and concepts in the analysis of political systems worldwide. Students will deepen their knowledge of the methods, approaches, and theories gained from POLS 103 and undertake a research project demonstrating their mastery of the sub-field.

356 Political Sociology..... 3 cr
Prereq: SOCA 100 or 101. Freq: Occasionally.
An examination of the relationship between politics and the larger social structure, e.g., structure of power in the United States, states, and the economy; political consciousness and the debate on the changing nature of industrial societies. Cross-listed with SOCA 356.

360 Political Parties and Interest Groups..... 3 cr
Prereq: POLS 100. Freq: Occasionally.
Political party development in the United States; structure, functions, and behavior of parties and pressure groups; responsiveness to the electorate and public opinion; and some theories on the role of parties and interest groups in a democracy. Comparative material included.

367 Latinos (as) and the Law ..... 3 cr
Prereq: CRMJ 101 or POLS 100; or consent of instructor. Freq: Occasionally.
Introduces and examines experiences Latinos(as) encounter with and within the U.S. criminal justice system, as well as related international and transnational issues. A range of theoretical frameworks will be utilized, including socio-ecological, political, and psychological. Cross-listed with CRMJ 367/ISTD 367.

375 Campaigns and Elections ..... 3 cr
Prereq: POLS 100, 200 (or concurrent registration in 200). Freq: Occasionally.
Strategies, tactics, and resources used in modern political campaigns and their implications. Examination of the U.S. electoral process and proposals for change.

385 Public Opinion ..... 3 cr
Prereq: POLS 100, 200 (or concurrent registration in 200). Freq: Occasionally.
Formation and interpretation of public opinion and its consequences for governance. An analysis of the strengths and weaknesses of opinion surveys will be featured.

390 Special Topics ..... 3 cr
Prereq: None. Freq: Occasionally.
Selected topics in political science will be examined. May be repeated for credit with different topic.

395 Voting Behavior and Political Participation ..... 3 cr
Prereq: POLS 100, 200 (or concurrent registration in 200). Freq: Occasionally.
Examination and criticism of several competing explanations of voting behavior and political participation in the United States. The dynamics of citizen involvement in the political process will be featured.

400 Internship ..... 1-12 cr
Prereq: POLS 100, 200, junior standing. Freq: Fall, Spring, Summer.
Student internship in state, regional, county, or local government offices or in the offices of elected officials. A maximum of 6 credits of internship can be counted toward meeting the credit-hour requirements for the major. Internship credit does not count toward the 15 credits of upper division course work required for the major.

415 International Law ..... 3 cr
Prereq: Senior standing, POLS 104, 200. Freq: Occasionally.
Survey course in the international legal relationships among actors in world politics. Although much of the course is an overview of the legal framework of public international law, various case studies are investigated.

444 Mock Trial Travel Team ..... 3 cr
Prereq: POLS 216 or consent of Instructor. Freq: Fall.
Students will participate in two or three American Mock Trial Association sponsored tournaments. May be repeated for a maximum of 6 credits.

445 Senior Seminar in Political Science ..... 3 cr
Prereq: Senior standing. Freq: Occasionally.
A capstone research experience for majors in their last year. Also serves to assess mastery of the discipline of political science. Required of all political science majors who are not concentrating in legal studies

490 Special Topics in Political Science ..... 3 cr
Prereq: POLS 100 or consent of instructor and section prereq. Freq: Occasionally.
Select topics in political science will be studied at an advanced level.

499 Independent Study ..... 1-3 cr
Prereq: POLS 200, 206, junior standing; consent of instructor and department chair. Freq: Fall, Spring, Summer.
Each student who wishes to take independent study must work out a program with a member of the political science faculty. A maximum of 3 credits of independent study may be applied toward meeting the credit-hour requirements for the major. Independent study credit does not count toward the 15 credits of upper-division course work required for the major.

Courses in Philosophy (PHIL)

101 Introduction to Philosophy ..... 3 cr
Prereq: None. Freq: Fall, Spring.
An introduction to philosophical method and typical philosophical issues, such as the existence of God, life after death, freewill, the nature and sources of knowledge, and the nature of justice.

102 Great Thinkers ..... 3 cr
Prereq: None. Freq: Yearly.
A survey of the history of philosophical thought in the West from its beginnings to the 20th century, emphasizing its social and political context and its relations to the sciences.

200 Topics in the History of Philosophy ..... 3 cr
Prereq: None. Freq: Occasionally.
Examination in depth of a selected figure, movement, or issue in the history of philosophy. Original sources in translation are studied. May be repeated for credit.

201 Logic ..... 3 cr
Prereq: None. Freq: Yearly.
Emphasis on basic skills of critical thinking, in particular the construction and analysis of arguments in everyday life. Formal and informal arguments are investigated.

203 Truth, Knowledge and Belief ..... 3 cr
Prereq: None. Freq: Yearly.
Discussion of epistemological topics such as experience and perception, innate knowledge, skepticism and rational belief, and the nature of truth. May be repeated once for credit with different content.

204 Reason and Reality ..... 3 cr
Prereq: None. Freq: Yearly.
Metaphysical issues such as free will, cosmology, the nature of reality, space and time, causality, particulars and universals, and humanity's place and meaning in the universe. May be repeated once for credit with different content.

205 Philosophy of Religion ..... 3 cr
Prereq: None. Freq: Fall, Alternate Years.
Introduction to major philosophical issues in religion, including the existence of God, the supernatural, the problem of evil, life's meaning, faith, reason, religious belief, science and morality, and the nature of religious commitment.

206 Introduction to Ethics ..... 3 cr
Prereq: None. Freq: Fall, Spring.
Examination of the nature of ethics and its relationship to law and religion. Discussion and appraisal of typical meta-ethical challenges to the possibility of ethics, such as relativism, subjectivism, positivism, naturalism, and egoism. Discussion of the most important normative ethical systems: virtue ethics, deontology, and utilitarianism, with particular emphasis on the work of Aristotle, Mill, and Kant.

207 Classical Political Philosophy ..... 3 cr
Prereq: One of the following: POLS 105, PHIL 101, HIST 118. Freq: Occasionally.
The works of the classical Greek political philosophers Thucydides, Plato, and Aristotle. Cross-listed with POLS 207.

213 Aesthetics ..... 3 cr
Prereq: None. Freq: Fall.
Objectivity and criteria of art criticism, the nature of aesthetic experience, and nature of art. May be repeated for credit once under different topics by consent of department chair.

215 Contemporary Moral Problems ..... 3 cr
Prereq: None. Freq: Yearly.
Discussion of contemporary moral problems and related theoretical issues, with a focus on issues such as sexual morality, punishment, abortion, racism, sexism, warfare and civil disobedience.

220 Politics, Law, and Society ..... 3 cr
Prereq: None. Freq: Fall.
Studies how law and politics interact with personal and social Identity, including race, gender, and class. Cross-listed with POLS 221.

250 Philosophy of Law ..... 3 cr
Prereq: None. Freq: Occasionally.
An examination of the nature of law and legal institutions, with special emphasis on the relationship between law and morality as these play out in the debate between natural law and positivism.

255 Topics in Continental Thought ..... 3 cr
Prereq: None. Freq: Alternate Years.
An introduction to major thinkers and movements of contemporary Continental philosophy, including Existentialism, Phenomenology, Structuralism, Deconstruction, Neo-Marxist Critical Theory, Semiotics, Philosophical Hermeneutics, French Feminism, Post-Structuralism, and Post-Modernism.

260 History of Philosophy: Ancient ..... 3 cr
Prereq: None. Freq: Alternate Years.
An examination of the philosophy of the Pre-Socratics, Socrates, Plato, Aristotle, the Stoics, the Epicureans, the Skeptics, the Cynics, and the Neo-Platonists. Not open to students with credit in PHIL 360.

261 History of Philosophy: Early Modern ..... 3 cr
Prereq: None. Freq: Alternate Years.
An examination of the philosophy of Descartes, Spinoza, Leibniz, Locke, Berkeley, Hume, Kant, and their contemporaries. Not open to students with credit in PHIL 361.

275 Techniques of Philosophical Research ..... 3 cr
Prereq: One PHIL course and concurrently enrolled in a second PHIL course; or POLS 209 or 216 or 310 or 320. PHIL 201 recommended. Freq: Spring (even years).
Examines scholarly research as well as techniques for the development and assessment of philosophical arguments and positions.

290 Special Topics in Philosophy ..... 1-4 cr
Prereq: None. Freq: Yearly.
Selected topics in philosophy will be examined.

302 Topics in The History of Philosophy ..... 3 cr
Prereq: One PHIL course or consent of instructor. Freq: Alternate Years.
Examination in depth of a selected figure, movement, or issue in the history of philosophy. Original sources in translation are studied. Research paper required. May be repeated for credit.

303 Set Theory and Logic ..... 3 cr
Prereq: MATH 222 or PHIL 201 or consent of instructor.
Freq: Occasionally.
Elementary propositional and predicate logic; language and axioms of set theory; operations on sets; well-orderings, ordinals, transfinite induction and recursion; cardinals; the axiom of choice and some equivalents. Additional topics chosen in accordance with the interests and needs of the participants. Cross-listed with MATH 303.

304 Theories of International Relations ..... 3 cr
Prereq: POLS 104, 200. Freq: Spring.
Contemporary theories of international relations with selected applications to current issues of relationships in international politics. Emphasis on critical theories in the evaluation and comparison of various theoretical approaches. Cross-listed with POLS 304.

305 Philosophical Analysis ..... 3 cr
Prereq: PHIL 201 or 203 or consent of instructor. Freq: Alternate Years
Topics in epistemology, philosophical logic, philosophy of language, and/or philosophic method. May be repeated once for credit.

306 Modern Political Philosophy ..... 3 cr
Prereq: One of the following: POLS 105, PHIL 101, HIST 119, 120. Freq: Occasionally.
The works of modern political thinkers such as Machiavelli, Hobbes, Locke, Rousseau, Mill, Hegel, Marx and Nietzsche. Cross-listed with POLS 306.

307 Contemporary Political Thought ..... 3 cr
Prereq: One POLS or PHIL course. Freq: Occasionally.
Examines contemporary philosophical works including themes of the meaning of equality, liberty, autonomy, gender, race and community in contemporary society. Cross-listed with POLS 307.

310 Philosophy of Science ..... 3 cr
Prereq: GSCI 102 or PHIL 201 or consent of instructor.
Freq: Alternate Years.
An examination of such topics as the nature of scientific methods and theories; explanation, prediction, confirmation, reduction, the relations among the sciences, culture and values, and science versus pseudoscience. May be repeated once for credit with different topic.

315 Metaphysics ..... 3 cr
Prereq: PHIL 204 or 205 or consent of instructor. Freq Yearly.
Topics relating to the fundamental nature of reality and of the human condition (e.g.., freewill, mind/body, the meaning of life, etc.). May be repeated once for credit with different topic.

320 Value Theory ..... 3 cr
Prereq: PHIL 206 or consent of instructor. Freq: Alternate Years.
Topics in moral theory or political theory or special issues such as relativism, science and morality, liberalism, Marxism, fascism, sexism, and human rights. May be repeated for credit with different content.

328 Ethics in the Criminal Justice System ..... 3 cr
Prereq: One course in PHIL, CRMJ 101, or consent of instructor.
Freq: Alternate Years.
An examination of ethical issues arising in connection with criminal justice in particular, punishment, legal and police ethics, and the justice of institutions associated with criminal justice.

340 Bioethics ..... 3 cr
Prereq: Sophomore standing or above. Freq: Occasionally.
Examines moral conflicts that arise in the various fields associated with human biology. Analyze issues that physicians, patients, and policymakers confront in the provision of health care, the pursuit of medical research, and the allocation of finite health resources.

350 Philosophy of Law ..... 3 cr
Prereq: One PHIL course of consent of instructor.
Freq: Occasionally.
An examination of the nature of law and legal institutions, with special emphasis on the relationship between law and morality as these play out in the debate between natural law and positivism. A research paper will be required.

355 Topics in Continental Thought..... 3 cr
Prereq: One PHIL course or consent of instructor.
Freq: Alternate Years.
An introduction to major thinkers and movements of contemporary continental philosophy, including existentialism, phenomenology, structuralism, deconstruction, neo-Marxist critical theory, semiotics, philosophical hermeneutics, French feminism, post-structuralism and post-modernism. A research paper will be required.

360 History of Philosophy: Ancient ..... 3 cr
Prereq: One PHIL course or consent of instructor.
Freq: Alternate Years.
An examination of the philosophy of the pre-Socratics, Socrates, Plato, Aristotle, the Stoics and Epicureans, Skeptics and Cynics, and the NeoPlatonists. Term paper required. Not open to students with credit in PHIL 260.

361 History of Philosophy: Early Modern..... 3 cr
Prereq: One PHIL course or consent of instructor. Freq: Alternate Years.
An examination of the philosophy of Descartes, Spinoza, Leibniz, Locke, Berkeley, Hume and Kant and their contemporaries. A research paper will be required. Not open to students with credit in PHIL 261.

490 Special Topics in Philosophy.....1-4 cr
Prereq: 6 credits in PHIL or consent of instructor.
Freq: Occasionally.
Selected topics in philosophy will be examined.

499 Independent Study.....1-5 cr
Prereq: Consent of instructor and department chair.
Freq: Occasionally.
Topics individually arranged.

PROGRAM EVALUATION

Molinaro 214 • 262-595-2121

Degrees Offered:
None. A certificate in program evaluation is offered.

Director:
Schleiter, Ph.D.

Program Overview

Program evaluation is the process of using social science research methods to study, appraise, and help improve programs in nonprofit organizations, educational systems, governmental departments, and businesses. Program evaluation is an important component of strategic planning working to improve the effectiveness of an organization. Program evaluation can employ both qualitative and quantitative research methods. The ability to conduct a research-based evaluation is valuable preparation for leadership roles in the workplace. Program evaluation includes not only the theory, research, multicultural, and data management skills of the social science disciplines but also verbal communication skills, report writing, teamwork, project management, strategic planning, and leadership.

Community Based Research

Classes in this program give students experiences working on projects for organizations in the community. Hands-on experience helps students to close the gap between theory and practice and strengthen their career development. Students in this certificate program learn how to use their social science knowledge to better understand the role of groups in social change, increasing their effectiveness in social action work. They develop analytical skills and learn methodological tools that are relevant for both the workplace and graduate study.

Requirements for the Program Evaluation Certificate (17 credits)

A. Required Core Courses (13 credits)

SOCA 295 Social Science Research Methods ..... 2 cr

*Similar classes from other departments or universities can be submitted to director for approval.

SOCA 250 Statistics for the Social Sciences ..... 4 cr
SOCA 300 Data Collection and Analysis : Program Evaluation ..... 3 cr

*Similar classes from other departments or universities can be submitted to director for approval.

SOCA 406 Advanced Program Evaluation..... 3 cr
SOCA 498 Portfolio ..... 1 cr

B. Elective Courses (4 credits)

One or more of the following courses adding up to 4 credits:

SOCA 107 Diversity Circles ..... 1 cr
SOCA 300 Data Collection & Analysis ..... 1-3 cr
SOCA 304 Skill Development in Leadership ..... 1 cr
These include courses on topics such as team building, nonprofit organization, and report writing.
SOCA 306 Research in Community Needs ..... 3 cr

Or other courses approved by the director.

PSYCHOLOGY

Molinaro 275 • 262-595-2658

Degree Offered:
Bachelor of Science.

Professors:
Beyer, Ph.D. (Chair); Gurtman, Ph.D.

Assistant Professors:
Recker, Ph.D.

Clinical Assistant Professor:
Carlstrom, Ph.D.

Student Organizations/Clubs:
Psi Chi, Psychology Club.

Up-to-date information can be found on the Psychology Department website.

Career Possibilities:
Typical bachelor's level careers in mental health and criminal justice settings include hospitals, half-way houses/group homes, parole and probation, and hospice programs. Some public sector and business-related careers involve personnel testing, advertising, and human resources. For those who obtain a master's or Ph.D. degree, career opportunities and pay expand significantly; jobs are available in mental health as well as research, teaching, and business. Some of the mental health careers for individuals with graduate degrees are clinical psychologist, social worker, professional counselor, marriage and family counselor, and school psychologist.

Department Overview

The psychology major provides a broadly based education in the content, methods, principles, and theories of the science of psychology. The required courses in the major expose students to the traditional important subject areas of psychology. The elective courses in the major allow students the flexibility to pursue their own interests and goals.

Students who are considering psychology as a major should speak with a psychology faculty member early in their education. This will allow them to develop a long-range plan that best meets their educational and career goals. Students whose interests are in the social service and mental health areas should consider the Certificate in Mental Health Skills. Students whose interests are in research or human measurement should consider the Certificate in Human Measurement and Research.

Students who intend to pursue graduate study in psychology or a related field should discuss this with their adviser as early as possible to develop a plan of study that will prepare them for graduate school. These students should plan to take more than the minimum 39 credits in psychology required for the major. They are also encouraged to complete at least one of the two certificates and to participate in PSYC 410 Externship or PSYC 499 Independent Study under the guidance of a member of the department.

Students majoring in psychology may be eligible for membership in Psi Chi, the national honor society in psychology. This organization, which is affiliated with the Psychology Club, co-sponsors activities that are of broad interest to psychology students (e.g., workshops on graduate school and discussions of employment opportunities). Contact Dr. Gurtman for information about how to join Psi Chi and/or the Psychology Club, as well as for a schedule of events.

Program Level Outcomes

The Psychology Department has four major learning goals we expect our students to attain. They are:

1. Communication: Students successfully communicate psychology-related material.
2. Critical Thinking: Students apply critical thinking skills to reading scholarly material and writing a scholarly paper.
3. Social and Personal Responsibility: Students apply psychological principles.
4. Content Knowledge: Students can explain the major theories and research findings major areas of psychology.

Requirements for Admission to the Psychology Major

Students must have 15 credits overall and a passing grade in Introduction to Psychological Science (PSYC 101) in order to be eligible for entrance into the major.

Requirements for the Psychology Major (39 credits)

To earn a bachelor of science with a major in psychology, students must meet all university requirements for the degree, all requirements for the major (see below), and all psychology majors must have a minimum 2.50 GPA in all of their psychology course work (including transfer credits).

The psychology major consists of a minimum of 39 credits.

Core Courses (9 credits)

PSYC 101	Introduction to Psychological Science	3 cr
PSYC 250	Psychological Statistics	3 cr
PSYC 300	Research Methods in Psychology	3 cr

Majors may NOT substitute a research methods course from a different discipline for PSYC 300.

Breadth Courses (9 credits)

PSYC 205	Cognitive Psychology	3 cr
PSYC 210	Introduction to Human Development	3 cr
PSYC 220	Social Psychology	3 cr

Depth Courses (15 credits)

Choose 15 credits of psychology courses numbered 301 and above; NOT including PSYC 410 or 499.

Elective Courses (6 credits)

Any 200-level, 300-level, or 400-level PSYC course that is not required for the major. Only 3 credits of PSYC 499 can be applied as elective credit.

Requirements for the Psychology Minor (21 credits)

The minor program offers an organized curriculum for students who wish to develop a core understanding of psychology. The minor is not meant for students whose primary interest is the study of psychology. Instead, it is a complement to other fields of study where knowledge of psychology and its methods would be beneficial.

The psychology minor requires a minimum of 21 credits.

Core Courses (9 credits)

PSYC 101	Introduction to Psychological Science	3 cr
PSYC 250	Psychological Statistics	3 cr
PSYC 300	Research Methods in Psychology	3 cr

Minors may substitute an equivalent course in statistical or quantitative methods from their major for PSYC 250. However, they still have to satisfy the 21 credit minimum requirement in Psychology. Minors may NOT substitute a research methods course from their major for PSYC 300.

Breadth Courses (6 credits)

Choose two of the three:

PSYC 205	Cognitive Psychology	3 cr
PSYC 210	Introduction to Human Development	3 cr
PSYC 220	Social Psychology	3 cr

Depth Courses (6 credits)

Choose six credits of psychology courses numbered 301 and above NOT including PSYC 410 or 499.

Requirements for the Certificate in Mental Health Skills (18 credits)

The certificate program in mental health skills is an innovative program designed to teach students the kinds of applied skills necessary for successful entry-level employment in clinical settings.

Core Courses (12 credits)

PSYC 318	Psychological Assessment	3 cr
PSYC 330	Interviewing	3 cr
PSYC 360	Abnormal Psychology	3 cr
PSYC 431	Counseling Psychology	3 cr

Elective Courses (6 credits)

Choose 6 credits from a list of courses outside the program that address issues in diversity, special populations, and social problems. A portfolio is also required.

For further information about the program, including specific requirements for completion, contact one of the program advisers: Dr. Gurtman or Dr. Carlstrom.

Requirements for the Certificate in Human Measurement and Research (12 credits)

The objective of the certificate in human measurement and research is to involve students in human measurement and research, including dissemination of findings. This training is of value to individuals working in careers that involve measurement and/or require empirical skills, including clinical, social, cognitive, aptitude or other forms of assessment (e.g., counseling), behavioral prediction (e.g., insurance actuary), opinion or other polling (e.g., human resource management, market research). It is also of great importance to students seeking graduate training as the skills acquired in this certificate are highly valued by most graduate programs.

The entrance requirement for the certificate in human measurement and research is a GPA of 3.0 or better in PSYC 250 Psychological Statistics and PSYC 300 Research Methods in Psychology.

Required courses (12 credits)

PSYC 318	Psychological Assessment	3 cr
PSYC 492	Psychology Research Seminar	3 cr
PSYC 499	Independent Study	6 cr

A dissemination project is also required.

For further information about the program contact the program adviser Dr. Beyer.

Courses in Psychology (PSYC)

101 Introduction to Psychological Science ..... 3 cr
Prereq: ENGL 100 or concurrent enrollment. Freq: Fall, Spring.
An introduction to the scientific study of mind and behavior, providing coverage of the major areas of research in psychology, including thinking, social interaction, human development, the nervous systems, abnormal psychology, personality, learning, the history and applications of psychological science, and others.

205 Cognitive Psychology ..... 3 cr
Prereq: PSYC 101. Freq: Fall.
Coverage of theory and research of human cognitive processes. Topics include perception, attention, visual cognition, learning, memory, language, decision making, problem solving, intelligence, and social cognition.

210 Introduction to Human Development ..... 3 cr
Prereq: PSYC 101. Freq: Fall, Spring.
Coverage of theories, concepts, and research pertaining to human development throughout the lifespan including biological, cognitive, emotional, and social development.

220 Social Psychology ..... 3 cr
Prereq: PSYC 101. Freq: Fall, Spring.
The study of the individual in social contexts. Topics include person perception, attribution processes, the self, interpersonal attraction, attitude formation, aggression, prosocial behavior and social influence.

241 Psychology of Aging ..... 3 cr
Prereq: PSYC 101. Freq: Spring.
Survey of research and theory on the human aging process including physical, cognitive, and social sciences.

250 Psychological Statistics ..... 3 cr
Prereq: PSYC 101, completion of computational skills requirement. Freq: Fall, Spring.
Application of descriptive and inferential statistics to the research problems of psychology. Projects include computer analysis of data.

260 Psychology of Personality ..... 3 cr
Prereq: PSYC 101. Freq: Occasionally.
Theories, models, and conceptions of personality, methods of studying personality, and research findings.

280 Psychology of Gender ..... 3 cr
Prereq: PSYC 101. Freq: Fall, Spring.
Research on the effects of gender on cognition, personality, emotions, interpersonal relations, labor-force participation and behavior. Theories of gender role development and gender typing are examined. Not available to students with credit in PSYC 380.

290 Special Topics in Psychology ..... 1-4 cr
Prereq: PSYC 101. Freq: Occasionally.
Selected topics in psychology.

300 Research Methods in Psychology ..... 3 cr
Prereq: PSYC 250 or BIOS 210; completion of reading and writing skills and information literacy requirements. Freq: Fall, Spring.
Scientific methods in psychology. Includes research design, data collection and interpretation, computer-based statistical analysis, and writing research reports.

301 Learning and Memory ..... 3 cr
Prereq: PSYC 205, 300. Freq: Spring.
Coverage of theory and research of human learning and memory. Learning topics include classical and operant conditioning, observational learning, and classroom learning. Memory topics include implicit memory, semantic memory, and episodic memory.

304 Language Development ..... 3 cr
Prereq: PSYC 300 or ENGL 287. Freq: Yearly.
The child's development of the sounds, grammar, meanings, and social knowledge that underlie the ability to use language; theories of language acquisition; and the relation of oral language to the acquisition of literacy.

306 Sensation and Perception ..... 3 cr
Prereq: PSYC 205, 300. Freq: Occasionally.
Analysis of the sensory organs and perceptual mechanisms used in vision, hearing, touch, taste, and smell. Primary emphasis is on vision and audition.

307 Cross-Cultural Psychology ..... 3 cr
Prereq: PSYC 220 or 260. Freq: Spring.
Research and theories on the ways in which culture influences human development, social interactions and perceptions; the self and psychological functioning are also discussed.

314 Cognitive Development of Children ..... 3 cr
Prereq: PSYC 210, 300. Freq: Occasionally.
Advanced coverage of theories, concepts, and research pertaining to the development of children's thinking. Topics include perceptual and conceptual development, language and cognition, and memory development.

318 Psychological Assessment ..... 3 cr
Prereq: PSYC 101, 250. Freq: Fall.
Assessment of individual characteristics including issues related to measurement, test construction, test usage, reliability and validity, and specialized applications.

325 Physiological Psychology ..... 3 cr
Prereq: PSYC 101 or BIOS 101. Freq: Occasionally.
Biological bases of behavior, including neurophysiological and neurochemical processes. Cross-listed with BIOS 325.

330 Interviewing ..... 3 cr
Prereq: PSYC 205 or 210 or 220 or 260. Freq: Spring.
Uses and forms of interviewing; problems of interview communication, reliability, and validity; interview strategies, techniques, and tactics; and behavioral processes and research on interviewing.

334 Infant Development ..... 3 cr
Prereq: PSYC 210, 300. Freq: Occasionally.
Advanced coverage of theories, concepts, and research pertaining to human development during the first two years of life. Topics include physical, motor, perceptual, cognitive, and social development, with focus on early mechanisms of change.

360 Abnormal Psychology ..... 3 cr
Prereq: PSYC 205 or 210 or 220 or 260. Freq: Spring.
Mental and behavioral disorders including theoretical models, diagnosis and classification, research findings, and treatment approaches.

362 Theories of Psychotherapy ..... 3 cr
Prereq: PSYC 205 or 210 or 220 or 260. Freq: Spring.
A comparative examination of the major, systematic approaches to psychotherapy. Case study analyses will be integrated with theory. Research findings on the process and outcome of psychotherapy.

363 Health Psychology ..... 3 cr
Prereq: PSYC 220 or 260. Freq: Spring.
An introduction to the major theoretical approaches, research findings, and principles of health psychology. Topics include stress and coping; and the role of lifestyle, personality, and social support in health and illness. Links between psychology and specific diseases will be considered.

380 Psychology of Gender ..... 3 cr
Prereq: PSYC 220 and either PSYC 300 or SOCA 295. Freq: Fall, Spring.
Research on the effects of gender on cognition, personality, emotions, interpersonal relations, labor-force participation and behavior. Theories of gender role development and gender typing are examined. Not available to students with credit in PSYC 280.

390 Special Topics in Psychology ..... 1-4 cr
Prereq: Consent of instructor. Freq: Occasionally.
Selected topics in psychology will be examined.

410 Externship in Psychology ..... 3 cr
Prereq: 18 credits in psychology,3.00 GPA in psychology courses, and consent of instructor. Freq: Fall, Spring.
Supervised experiences in planned projects done in a community setting.

421 Advanced Social Psychology ..... 3 cr
Prereq: PSYC 220 and 300. Freq: Occasionally.
This seminar explores a subject area within social psychology (e.g., the self, stereotyping, social perception, etc.) in an in-depth manner. The course emphasizes the empirical nature of social psychology and teaches research skills.

431 Counseling Psychology ..... 3 cr
Prereq: PSYC 330 or 362. Freq: Fall.
Fundamental techniques of counseling, including assessment of client problems, exploration of behavioral alternatives, applying psychological principles to effect change, and counseling relationship skills.

441 Advanced Human Development Seminar ..... 3 cr
Prereq: PSYC 210 and PSYC 300. Freq: Occasionally.
Focused study of a specific developmental topic such as moral development, adult cognitive development, Piagetian theory, etc. Primary reliance on advanced methodological issues, research reports, and primary theoretical sources.

490 Special Topics in Psychology ..... 1-3 cr
Prereq: Consent of instructor. Freq: Occasionally.
Special topics in psychology studied at an advanced level.

492 Psychology Research Seminar ..... 3 cr
Prereq: PSYC 300 and Consent of instructor. Freq: Occasionally.
Advanced hands-on experience working collectively with faculty and other students on faculty and student research projects. Students will assist in designing, administering, analyzing and reporting original empirical research in Psychology. May be repeated for credit with a different topic.

497 Thesis in Psychology ..... 1-3 cr
Prereq: Consent of instructor. Freq: Occasionally.

499 Independent Study ..... 1-6 cr
Prereq: PSYC 300, consent of instructor and department chair. Freq: Fall, Spring.
Participation in research activities under the direction of a faculty member.

SOCIOLOGY/ANTHROPOLOGY

Greenquist 318 • 262-595-2177

Degree Offered:
Bachelor of Arts.

Professors:
Khoury, Ph.D.; Rosenberg, Ph.D.

Associate Professors:
Da'na, Ph.D.; Sasso, Ph.D.; Schleiter, Ph.D.

Assistant Professors:
Barry, Ph.D.; Correa, Ph.D.; Gillogly, Ph.D.; Kim, Ph.D.

Lecturers:
Hicks, M.A.; Reinders, M.A.

Student Organizations/Clubs:
Parkside Anthropological Society, Sociology Club

Career Possibilities:
Social services (rehabilitation, case management, group work with youth or the elderly, recreation, or administration); community work (social service and nonprofit organizations, child-care or community development agencies, or environmental groups); corrections (probation, parole, or other criminal justice work); business (advertising, marketing and consumer research, insurance, real estate, personnel work, training, or sales); college settings (admissions, alumni relations, or placement offices); health services (family planning, substance abuse, rehabilitation counseling, health planning, hospital admissions, and insurance companies); publishing, journalism, and public relations (writing, research, and editing); government (federal, state, and local government jobs in such areas as transportation, housing, agriculture, labor, international development, and historic preservation); contract archaeology and cultural resource management, forensic anthropology, and museum work.

Department Overview

Sociology and anthropology are complementary approaches to the study of society and culture. While sociologists usually study modern urban industrial societies, anthropologists take a broader perspective by focusing on cultural and biological adaptations of all humankind, whether past or present.

Sociology is the scientific study of the processes and patterns of individual and group interaction, of the forms of social organization, and of the influence of group pressures upon individual behavior. Opportunities are available for the application of sociological knowledge and the use of critical thinking to clarify social problems and evaluate policies of public and private agencies, particularly by field experiences in such areas as industrial organizations, social change, intergroup relations, criminal justice, and social welfare.

Anthropology is the comparative study of human life and culture, past and present. It is concerned with human biological and cultural adaptations to physical and social environment throughout time and in all parts of the world. The basic themes of anthropology include adaptation, evolution, change, and continuity. Opportunities exist to apply anthropological knowledge to many problems of modern society, including the social impact of development, economic and political change, and cultural resource management.

The sociology major offers a breadth of exposure to subject matter in both sociology and anthropology, with grounding in the theories and methods of these disciplines. The curriculum includes an understanding of theories and methods used by sociologists and anthropologists, as well as substantive areas to which these theories and methods are applied. The student interested in studying and working in such areas as social change, cultural resource management, museum work, and forensic science may elect a formal concentration in anthropology.

Preparation for Graduate School

Students who graduate with a bachelor's degree with a major in sociology are qualified to enter graduate and professional programs in many fields such as sociology, social work, law enforcement, and public/social service administration. Those opting for the anthropology concentration are likewise qualified to enter graduate programs in a variety of fields, including historic preservation, cultural resource management, forensic anthropology, museum studies, global studies, international development, as well as find work in a range of business, medical, government, and nonprofit work.

Program Level Outcomes

To offer a high quality sociology/anthropology program which promotes conceptual, pragmatic, methodological, and civic competencies. The accomplishment of the departmental mission is reflected in the competencies students demonstrate before graduation.

Conceptual Competencies

1. Understand and apply anthropological/sociological concepts, theories, and perspectives on culture and society
2. Demonstrate an understanding of cultures and societies in their own terms
3. Understand the impact of the social and physical environment on individual experience
4. Assess and critique different anthropological and sociological theoretical orientations
5. Understand the process of theory construction

Methodological Competencies

1. Demonstrate the connection between theory, methods, and realities
2. Frame and execute a research project
3. Record, interpret, and communicate quantitative and qualitative evidence
4. Find, organize, and critically evaluate data/information (interpreting data outcomes and evaluating literature)
5. Understand and use technology for achieving goals and tasks

Civic Competencies

1. Promote the active exchange of ideas in a civil manner
2. Use sociological and anthropological knowledge to address important issues locally and globally
3. Gain competence in effective collaboration and teamwork
4. Identify and confront ethnocentrism

Requirements for the Sociology Major (38-39 credits)

In order to be accepted as a major in sociology, a student must have a minimum 2.25 GPA overall and must have completed SOCA 100 or 101. A major in sociology consists of a minimum of 38 credits. At least 15 credits of upper-level courses in the major must be completed at UW-Parkside. Under consultation with a faculty member, an advanced student may opt to "design" his/her own course as an independent study in sociology/anthropology. The student must work with a faculty member whose expertise is in the selected topic. Together, they negotiate the focus and content of the course, materials to be examined, and so forth. The following core courses, to be completed by the end of the junior year or prior to the completion of 90 credit hours of study, are required of all students majoring in sociology:

Standard Major

A. Core Courses (20 credits)

SOCA 100	Introduction to Anthropology	3 cr
OR		
SOCA 101	Introduction to Sociology	3 cr
SOCA 248	Research Report Writing for the Social Sciences	3 cr
SOCA 250	Statistics for the Social Sciences	4 cr
SOCA 295	Social Science Research Methods	2 cr
SOCA 300	Data Collection and Analysis	2 cr
SOCA 301	Introduction to Sociological Theory	3 cr
OR		
SOCA 302	Anthropological Theory	3 cr
SOCA 495	Senior Seminar	3 cr

B. Elective Courses (18 credits)

Complete Format 1 or Format 2 requirements with at least 12 credits in upper-level (300-400 level) courses. Courses may be counted only once within any format.

Format 1:
Select two of the following areas and complete at least three courses under each area (see below), OR

Format 2:
Complete one course from at least four of the specialization areas (see below). And then, the student may:

a. choose to specialize in a particular area or
b. choose one course each from two additional areas.

Criminology and Deviance

SOCA 102	Contemporary Social Problems	3 cr
SOCA 216	Social Issues in Substance Use and Abuse	3 cr
SOCA 233	Criminology	3 cr
SOCA 234	Juvenile Delinquency/Juvenile Justice	3 cr
SOCA 235	Police & Society	3 cr
SOCA 320	Sociological Social Psychology	3 cr
SOCA 331	Deviant Behavior	3 cr
SOCA 332	Sociology of Mental Illness	3 cr
SOCA 352	Law and Social Change	3 cr
SOCA 359	Law & Society	3 cr
SOCA 363	Corrections	3 cr
SOCA 365	Race, Crime, and Law	3 cr
SOCA 368	Victimology	3 cr

Family and Human Services *

SOCA 207	Marriage and Family	3 cr
SOCA 213	Gender and Society	3 cr
SOCA 216	Social Issues in Substance Use and Abuse	3 cr
SOCA 319	Death and Dying	3 cr
SOCA 320	Sociological Social Psychology	3 cr
SOCA 326	Social Gerontology	3 cr
SOCA 332	Sociology of Mental Illness	3 cr
SOCA 336	Childhood and Society	3 cr
SOCA 354	Class, Status, and Power	3 cr
SOCA 367	LGBTQ Studies	3 cr
SOCA 372	Technology and Society	3 cr
SOCA 375	Sociology of Education	3 cr
SOCA 376	Public Health	3 cr
SOCA 380	Social Welfare as a Social Institution	3 cr

Race and Ethnic Relations

SOCA 206	Race and Ethnic Relations in the U.S.	3 cr
SOCA 226	Peoples of Africa	3 cr
SOCA 227	North American Indians	3 cr
SOCA 323	Institutional Racism in America	3 cr
SOCA 324	African American Studies	3 cr
SOCA 325	Comparative Race and Ethnic Relations	3 cr
SOCA 328	Asians in American Society	3 cr
SOCA 329	Social Institutions in Contemporary China	3 cr
SOCA 343	Latinas/os in the U.S.	3 cr
SOCA 354	Class, Status, and Power	3 cr
SOCA 360	Critical Ethnic Studies	3 cr

Urban Institutions and the Occupational World

SOCA 213	Gender and Society	3 cr
SOCA 319	Death and Dying	3 cr
SOCA 321	Religion and Society	3 cr
SOCA 322	Sociology of Language and Knowledge	3 cr
SOCA 323	Institutional Racism in America	3 cr
SOCA 330	Sport in Society	3 cr
SOCA 354	Class, Status, and Power	3 cr
SOCA 355	Urbanism and Urbanization	3 cr
SOCA 356	Political Sociology	3 cr
SOCA 358	Introduction to Population Studies	3 cr
SOCA 362	Migration and Immigration	3 cr
SOCA 371	Occupations and Professions	3 cr
SOCA 372	Technology and Society	3 cr
SOCA 373	Formal Organization	3 cr
SOCA 374	Women and Work	3 cr
SOCA 375	Sociology of Education	3 cr
SOCA 376	Public Health	3 cr
SOCA 379	Society and Environment	3 cr
SOCA 380	Social Welfare as a Social Institution	3 cr

Evaluation and Practice

SOCA 304	Skill Development in Leadership	1 cr
SOCA 306	Research in Community Needs	3 cr
SOCA 406	Advanced Program Evaluation	3 cr
SOCA 455	International Development and Change	3 cr
SOCA 492	Internship in Sociology/ Anthropology	1-4 cr
SOCA 498	Portfolio	1 cr

* Students may fulfill a specialization in family and human services by completing one course under the heading of race and ethnic relations.

Concentration in Anthropology

The concentration in anthropology provides an introduction to the major subfields of anthropology: cultural anthropology, physical anthropology, and archaeology. The concentration emphasizes the comparative study of society and culture. It uses a variety of analytical approaches to study human evolution, the organization of traditional societies and cultures, and change and continuity in contemporary societies and cultures. Students are required to gain first-hand exposure to anthropological research methods and approaches in one of the subfields. The anthropology fieldwork requirement may be met by working on a faculty research project or by carrying out an independent research or internship project. In lieu of completing SOCA 495 Senior Seminar, anthropology concentration students must complete a portfolio as one additional credit of SOCA 491 Anthropology Fieldwork.

The following requirements are to be met. A minimum of 39 hours for the major must be completed, of which 15 must be at the 300 level or above.

A. Core Courses in Sociology and Anthropology (11 credits)

SOCA 248	Research Report Writing for the Social Sciences	3 cr
SOCA 250	Statistics for the Social Sciences	4 cr
SOCA 295	Social Science Research Methods	2 cr
SOCA 300	Data Collection and Analysis	2 cr

B. Theory Courses in Anthropology or Sociology (3 credits)

SOCA 301	Introduction to Sociological Theory	3 cr
OR		
SOCA 302	Anthropological Theory	3 cr

C. Program Overview Courses (12 credits)

SOCA 100	Introduction to Anthropology	3 cr
SOCA 202	Cultural Anthropology	3 cr
SOCA 204	Human Evolution	3 cr
SOCA 208	Introduction to Archaeology	3 cr

D. Regional Ethnographic Course (3 credits)

Choose one:

SOCA 226	Peoples of Africa	3 cr
SOCA 227	North American Indians	3 cr
SOCA 228	Peoples of Southeast Asia	3 cr

E. Elective Courses (6 credits)

Choose two:

SOCA 240	Cross-Cultural Encounters	3 cr
SOCA 310	Forensic Anthropology	3 cr
SOCA 312	Anthropology of Language	3 cr
SOCA 315	Anthropology of Non-Western Art	3 cr
SOCA 321	Religion and Society	3 cr
SOCA 322	Sociology of Language and Knowledge	3 cr
SOCA 325	Comparative Race and Ethnic Relations	3 cr
SOCA 327	Archaeology of North America	3 cr
SOCA 328	Asians in American Society	3 cr
SOCA 355	Urbanism and Urbanization	3 cr
SOCA 357	Livelihoods and Exchange	3 cr
SOCA 362	Migration and Immigration	3 cr
SOCA 382	Environmental Anthropology	3 cr
SOCA 455	International Development and Change	3 cr

F. Anthropology Fieldwork and Senior Portfolio (4 credits minimum, including one credit for Portfolio)

SOCA 491	Anthropology Fieldwork	1-10 cr

Requirements for the Anthropology Minor (21 credits)

The minor in anthropology consists of a minimum of 21 credits, distributed as follows:

A. Required Course (3 credits)

SOCA 100 Introduction to Anthropology ..... 3 cr

B. Overview Courses (9 credits)

SOCA 202 Cultural Anthropology ..... 3 cr
SOCA 204 Human Evolution ..... 3 cr
SOCA 208 Introduction to Archaeology ..... 3 cr

C. Elective Courses (9 credits, with at least 6 credits at the 300 or 400 level)

SOCA 226 Peoples of Africa ..... 3 cr
SOCA 227 North American Indians ..... 3 cr
SOCA 228 Peoples of Southeast Asia ..... 3 cr
SOCA 240 Cross-Cultural Encounters ..... 3 cr
SOCA 290 Special Topics in Sociology and/or Anthropology ..... 1-3 cr
SOCA 295 Social Science Research Methods ..... 2 cr
SOCA 300 Data Collection and Analysis ..... 1-3 cr
SOCA 302 Anthropological Theory ..... 3 cr
SOCA 310 Forensic Anthropology ..... 3 cr
SOCA 312 Anthropology of Language ..... 3 cr
SOCA 315 Anthropology of Non-Western Art ..... 3 cr
SOCA 327 Archaeology of North America ..... 3 cr
SOCA 328 Asians in American Society ..... 3 cr
SOCA 355 Urbanism and Urbanization ..... 3 cr
SOCA 357 Livelihoods and Exchange ..... 3 cr
SOCA 362 Migration and Immigration ..... 3 cr
SOCA 382 Environmental Anthropology ..... 3 cr
SOCA 390 Special Topics in Sociology and/or Anthropology ..... 1-3 cr
SOCA 455 International Development and Change ..... 3 cr
SOCA 490 Special Topics in Sociology and/or Anthropology ..... 1-3 cr
SOCA 491 Anthropology Fieldwork ..... 1-3 cr

Requirements for the Sociology Minor (21 credits)

The minor in sociology consists of a minimum of 21 credits, distributed as follows:

A. Required Courses (6 credits)

SOCA 101 Introduction to Sociology ..... 3 cr
AND EITHER
SOCA 295 Social Science Research Methods ..... 2 cr
SOCA 300 Data Collection and Analysis ..... 1 cr
OR
SOCA 301 Introduction to Sociological Theory ..... 3 cr

B. Elective Courses (15 credits, with at least 9 credits at the 300 or 400 level)

SOCA 102 Contemporary Social Problems ..... 3 cr
SOCA 206 Race and Ethnic Relations in the U.S. 3 cr
SOCA 207 Marriage and Family ..... 3 cr
SOCA 213 Gender and Society ..... 3 cr
SOCA 216 Social Issues in Substance Use and Abuse ..... 3 cr
SOCA 233 Criminology ..... 3 cr
SOCA 234 Juvenile Delinquency/Juvenile Justice 3 cr
SOCA 235 Police & Society ..... 3 cr
SOCA 250 Statistics for the Social Sciences ..... 4 cr
SOCA 290 Special Topics in Sociology and/or Anthropology ..... 1-3 cr
SOCA 304 Skill Development in Leadership ..... 1 cr
SOCA 306 Research in Community Needs ..... 3 cr
SOCA 319 Death and Dying ..... 3 cr
SOCA 320 Sociological Social Psychology ..... 3 cr
SOCA 321 Religion and Society ..... 3 cr
SOCA 322 Sociology of Language and Knowledge ..... 3 cr
SOCA 323 Institutional Racism in America ..... 3 cr
SOCA 324 African American Studies ..... 3 cr
SOCA 325 Comparative Race and Ethnic Relations ..... 3 cr
SOCA 326 Social Gerontology ..... 3 cr
SOCA 328 Asians in American Society ..... 3 cr
SOCA 329 Social Institutions in Contemporary China ..... 3 cr
SOCA 330 Sport in Society ..... 3 cr
SOCA 331 Deviant Behavior ..... 3 cr
SOCA 332 Sociology of Mental Illness ..... 3 cr
SOCA 336 Childhood and Society ..... 3 cr
SOCA 343 Latinas/os in the U.S. ..... 3 cr
SOCA 352 Law and Social Change ..... 3 cr
SOCA 354 Class, Status, and Power ..... 3 cr
SOCA 355 Urbanism and Urbanization ..... 3 cr
SOCA 356 Political Sociology ..... 3 cr
SOCA 358 Introduction to Population Studies ..... 3 cr
SOCA 359 Law and Society ..... 3 cr
SOCA 360 Critical Ethnic Studies ..... 3 cr
SOCA 362 Migration and Immigration ..... 3 cr
SOCA 363 Corrections ..... 3 cr
SOCA 365 Race, Crime and Law ..... 3 cr
SOCA 367 LGBTQ Studies ..... 3 cr
SOCA 368 Victimology ..... 3 cr
SOCA 371 Occupations and Professions ..... 3 cr
SOCA 372 Technology and Society ..... 3 cr
SOCA 373 Formal Organization ..... 3 cr
SOCA 374 Women and Work ..... 3 cr
SOCA 375 Sociology of Education ..... 3 cr
SOCA 376 Public Health ..... 3 cr
SOCA 379 Society and Environment ..... 3 cr
SOCA 380 Social Welfare as a Social Institution ... 3 cr
SOCA 390 Special Topics in Sociology and/or Anthropology ..... 1-3 cr
SOCA 406 Advanced Program Evaluation ..... 3 cr
SOCA 490 Special Topics in Sociology and/or Anthropology ..... 1-3 cr
SOCA 492 Internship in Sociology/ Anthropology ..... …1-4 cr

Courses in Sociology/ Anthropology (SOCA)

100 Introduction to Anthropology ..... 3 cr
Prereq: None. Freq: Fall, Spring.
A survey of human evolution and culture. Introduces the subfields within anthropology: physical anthropology, archaeology, cultural anthropology and linguistics.

101 Introduction to Sociology ..... 3 cr
Prereq: None. Freq: Fall, Spring.
Sociology as a special field of behavioral science, examines social relations, social organization and social systems through the study of process, structure, and function.

102 Contemporary Social Problems..... 3 cr
Prereq: None. Freq: Fall, Spring.
Sociological examination of selected major problems facing modern society. Analysis of important issues of public and academic concern; e.g., overpopulation, poverty, women's issues, alienation.

107 Diversity Circles..... 1 cr
Prereq: None. Freq: Fall, Spring.
Small group dialogues that help students become aware of their own biases as well as understand the impact of racism in schools, communities, and society.

202 Cultural Anthropology..... 3 cr
Prereq: SOCA 100 or 101. Freq: Fall.
Basic theoretical concepts and an analysis of cultural systems and social institutions in a cross-cultural frame of reference. Cross-listed with INTS 210.

204 Human Evolution..... 3 cr
Prereq: SOCA 100 or 101. Freq: Spring.
Analysis of the fossil evidence for human evolution. Modern human genetics, evolutionary theory, and biological variation within the human species.

206 Race and Ethnic Relations in the U.S..... 3 cr
Prereq: SOCA 100 or 101; or consent of instructor. Freq: Fall, Spring, Summer.
Introduction to the formation and dynamics of ethnic and race relations in the United States and their social consequences in terms of the categorization of people and the distribution of their life chances. Cross-listed with ETHN 206.

207 Marriage and Family..... 3 cr
Prereq: SOCA 100 or 101; or consent of instructor. Freq: Fall, Spring, Summer.
Nature and functions of the family; cross cultural and/or life course comparisons of marriage and family arrangements; gender role training; premarital and marital social and sexual activities, power dynamics, and other family processes.

208 Introduction to Archaeology..... 3 cr
Prereq: SOCA 100 or 101; or consent of instructor. Freq: Fall.
Concepts and methods for the scientific study of prehistoric cultures. Discussion of field methods, laboratory analysis, archaeological theory, and major trends in world prehistory.

213 Gender and Society..... 3 cr
Prereq: None. Freq: Fall, Spring.
Overview of theory and research on gender roles and gender stratification, focusing on political, economic, family and other settings; historical, cross cultural and subcultural comparisons. Cross-listed with WGSS 213.

216 Social Issues in Substance Use and Abuse ..... 3 cr
Prereq: 3 credits in sociology. Freq: Every third semester.
An overview of theory and research on substance abuse including legal (alcohol, tobacco) and controlled substances. The focus is on differences in patterns of chemical use within historical, cultural and class contexts.

226 Peoples of Africa..... 3 cr
Prereq: SOCA 100 or 101. Freq: Fall.
A survey of the societies and cultures of Africa. Discusses history, cultural variation, and contemporary social change. Cross-listed with INTS 226.

227 North American Indians..... 3 cr
Prereq: SOCA 100 or 101. Freq: Fall (even years).
An anthropological survey of traditional American Indian cultures of the United States and Canada. Focus on various aspects of culture, history and recent culture change.

228 Peoples of Southeast Asia..... 3 cr
Prereq: SOCA 100 or 101; or consent of instructor. Freq: Spring.
An anthropological survey of Southeast Asia, including the mainland and islands; focuses on cultures, history, socioeconomic conditions, particularly the everyday life of people.

233 Criminology..... 3 cr
Prereq: SOCA 100 or 101 or CRMJ 101; or consent of instructor. Freq: Fall, Spring.
Examination of past and current theory and research. Crime as a consequence of social, economic, political, and personal factors. Critique of approaches to prevention and correction. Cross-listed with CRMJ 233.

234 Juvenile Delinquency/Juvenile Justice ..... 3 cr
Prereq: SOCA 100 or 101 or CRMJ 101; or consent of instructor. Freq: Fall, Spring.
Conceptions of juvenile delinquency; the offender in the juvenile justice system; the philosophy, structure and function of juvenile courts; the philosophy, development, and organization of diversion, detention and treatment of the juvenile offender. Cross-listed with CRMJ 234.

235 Police & Society ..... 3 cr
Prereq: SOCA 100 or 101 or CRMJ 101; or consent of instructor. Freq: Fall, Spring.
A study of the various levels, roles and functions of law enforcement in America. The nature and responsibilities of law enforcement are discussed and evaluated including police accountability and civil liability. Examines the racial, ethnic, and gender issues in law enforcement. Cross-listed with CRMJ 235.

240 Cross-Cultural Encounters ..... 3 cr
Prereq: None. Freq: Occasionally.
Cross-cultural interaction, communication, and value differences; applications for those planning to travel, live, work in a new cultural context.

248 Research Report Writing for the Social Sciences..... 3 cr
Prereq: SOCA 100 or 101; ENGL 101 with a grade of C+ or better; or consent of instructor. Freq: Fall, Spring.
Preparation of research reports, such as the types assigned in the 300 and 400 level classes. Focus on understanding the format of research papers and improving writing ability.

250 Statistics for the Social Sciences ..... 4 cr
Prereq: MATH 111, computational skills requirement (MATH 102), or consent of instructor. Freq: Fall, Spring.
Descriptive and inferential statistics as applied to nominal, ordinal, and interval measurements of behavior. Examples selected from behavioral-science data.

290 Special Topics .....1-3 cr
Prereq: SOCA 100 or 101. Freq: Occasionally.
Selected topics in sociology and/or anthropology will be examined.

295 Social Science Research Methods..... 2 cr
Prereq: SOCA 100 or 101; sophomore standing. Freq: Fall, Spring.
Introduction to philosophies, methods and problems of social research; sampling and data collection techniques; questionnaire construction, interviewing techniques, field methods, and content analysis.

300 Data Collection and Analysis.....1-3 cr
Prereq: SOCA 295 or concurrent registration; or consent of instructor. Freq: Fall, Spring, Summer.
Specific methods of data collection and analysis. Topics will vary. May be taken more than once for credit. A minimum of 2 credits are required for the sociology-anthropology major.

301 Introduction to Sociological Theory.....3 cr
Prereq: SOCA 100 or 101; junior standing. Freq: Fall, Spring.
Introduction to major sociological concepts and theories, and their application in the analysis of social structures and processes.

302 Anthropological Theory.....3 cr
Prereq: SOCA 100 or 101; junior standing.
Freq: Spring (even years).
Examines contemporary theories in social and cultural anthropology, including evolutionist, structural functionalist, and symbolic approaches.

304 Skill Development in Leadership.....1 cr
Prereq: SOCA 100 or 101; junior standing. Freq: Occasionally.
Sociological perspectives and intensive training in an important aspect of grass-roots leadership. The particular focus of the course will vary. Areas include grant writing, team building, and working with media. May be repeated for credit.

306 Research in Community Needs.....3 cr
Prereq: SOCA 100 or 101; junior standing.
Freq: Every third semester.
Assessment of the needs of a community or environment using the methods of evaluation research.

310 Forensic Anthropology.....3 cr
Prereq: SOCA 204 or consent of instructor. Freq: Spring (odd years).
A laboratory/lecture course in human osteology, involving the identification of human skeletal remains for legal and scientific purposes. The establishment from skeletal remains of the age, sex, biological background, stature, trauma, abnormalities of growth, and details of health and nutritional history.

312 Anthropology of Language.....3 cr
Prereq: SOCA 100 or 101; junior standing or consent of instructor. Freq: Spring.
Introduces concepts used in the anthropological study of language and communication, including phonetics, historical linguistics, language acquisition, cognition and how meaning is formed through linguistic interactions, modes of communication in different social settings, and how culture influences the transmission of information.

315 Anthropology of Non-Western Art.....3 cr
Prereq: Prereq: SOCA 100 or 101, or ART 125 or 126, or consent of instructor. Freq: Spring (odd years).
An anthropological examination of indigenous arts and material culture. Focus on functions of art related to social organization, belief systems, and culture change; includes selected prehistoric and contemporary art forms. Cross-listed with ART 315.

319 Death and Dying.....3 cr
Prereq: SOCA 101. Freq: Spring.
Sociological analysis of patterns of behavior and beliefs about death, dying, and bereavement. Medical, legal, and ethical issues are also studied.

320 Sociological Social Psychology.....3 cr
Prereq: SOCA 100 or 101; and 3 additional credits in sociology, or consent of instructor. Freq: Fall (even years).
A sociological approach to micro-level, interpersonal issues including basic social psychological theories, group processes and dynamics, the micro-level impact of race, class and gender, and postmodern analysis of the dissolution of the self.

321 Religion and Society.....3 cr
Prereq: SOCA 100 or 101. Freq: Occasionally.
Comparative study of religion and society with an emphasis on the major religious traditions. Examination of the relationship between religions, beliefs and social values.

322 Sociology of Language and Knowledge.....3 cr
Prereq: SOCA 100 or 101. Freq: Occasionally.
An introduction to the concepts, theoretical frameworks and concerns of sociolinguists. Emphasis of ethnomethodology, language planning (such as bilingual education, professional languages), and cultural politics affecting linguistic minorities (language maintenance, language shift, and language choice as a human right).

323 Institutional Racism in America.....3 cr
Prereq: SOCA 100 or 101. Freq: Every third semester.
Analysis of racism in America's social institutions (i.e., law, family, workplace, sports, education, mass media). An examination of social, economic and political institutions within racial/ethnic communities and their relationship to the larger American society.

324 African American Studies.....3 cr
Prereq: SOCA 100 or 101. Freq: Occasionally.
Examines the experiences of African Americans, both current and historical, using a variety of theoretical models and perspectives; macro-level contexts of those experiences.

325 Comparative Race and Ethnic Relations.....3 cr
Prereq: SOCA 100 or 101. Freq: Every third semester.
A comparison and analysis of race and ethnic relations across at least three different societies.

326 Social Gerontology.....3 cr
Prereq: SOCA 100 or 101; junior standing or consent of instructor. Freq: Fall.
Examination of quality of life issues among elderly; focuses on medical, social, educational, recreational and economic institutions.

327 Archaeology of North America.....3 cr
Prereq: SOCA 100 or 208. Freq: Spring (even years).
Focus on evidence for human migration to the New World and the examination of subsequent cultural developments in all major regions of North America lying north of Mexico.

328 Asians in American Society.....3 cr
Prereq: SOCA 100 or 101. Freq: Fall.
Examines the culture, social, political, historical, and economic experiences of Asians in America. Among the topics covered are Asian Americans as perpetual foreigners, racism, immigration, citizenship, language, education and job opportunities.

329 Social Institutions in Contemporary China.....3 cr
Prereq: SOCA 100 or 101. Freq: Fall (odd years).
Introduces the social institutions and changes in the twentieth century China. Topics include population, family, education, economy, and politics.

330 Sport in Society.....3 cr
Prereq: Sophomore standing (minimum). Freq: Fall, Spring.
A survey of the past and present roles sport has played within our society including its impact on the educational system, the media, the family, and economic structures. Areas including heritage, social status, personality and race are addressed. Cross-listed with HESM 330.

331 Deviant Behavior.....3 cr
Prereq: SOCA 100 or 101; junior standing.
Freq: Every third semester.
A survey of theoretical perspectives on deviant behavior which traces the development of how deviance is defined, explained and controlled.

332 Sociology of Mental Illness ..... 3 cr
Prereq: SOCA 100 or 101; junior standing.
Freq: Every third semester.
Mental illness as a social role/social label is examined in terms of institutional and sociocultural factors.

336 Childhood and Society ..... 3 cr
Prereq: SOCA 100 or 101. Freq: Occasionally.
An examination of childhood as a socially constructed idea which has a profound effect on our lives and our communities; ever-changing images, definitions, agreements, and rules about childhood; the social structures incorporating childhood; the relationship of childhood to power distributions and economic inequalities.

343 Latinas/os in the United States ..... 3 cr
Prereq: SOCA 100, 101, or ETHN 201. Freq: Fall.
Focus on the social, political, and cultural dynamics of the Latina/o experience in the U.S. (i.e. racial/ethnic identity, racism, economy, immigration, colonialism). Cross-listed with ETHN 343.

352 Law and Social Change ..... 3 cr
Prereq: SOCA 100 or 101 or CRMJ 101; or consent of instructor.
Freq: Yearly.
This course will provide a broad theoretical background against which to explore policies in the system of law, in definition and enforcement of the law, and to follow those policies as they have been and are presently affected by social change. Cross-listed with CRMJ 352.

354 Class, Status, and Power ..... 3 cr
Prereq: SOCA 100 or 101. Freq: Spring.
Patterns of inequalities and their relationship to social conflict, social organization, belief systems, race/ethnic identities, gender roles, and global systems of wealth and power.

355 Urbanism and Urbanization ..... 3 cr
Prereq: SOCA 100 or 101. Freq: Occasionally.
Comparative study of cities including preindustrial, industrial and third-world cities. Examines urbanization process, and urban social organization and culture.

356 Political Sociology ..... 3 cr
Prereq: SOCA 100 or 101. Freq: Occasionally.
An examination of the relationship between politics and the larger social structure, e.g., structure of power in the United States and the economy; political consciousness and the debate on the changing nature of industrial societies. Cross-listed with POLS 356.

357 Livelihoods and Exchange ..... 3 cr
Prereq: SOCA 100 or 101. Freq: Occasionally.
Comparative study of economic organization emphasizing non-Western societies. Focus on livelihood activities, systems of production and exchange and economic change.

358 Introduction to Population Studies ..... 3 cr
Prereq: SOCA 100 or 101; junior standing. Freq: Occasionally.
Population size, composition and processes, migration, and social and economic determinants of demographic changes with emphasis on their effects upon social organization.

359 Law and Society ..... 3 cr
Prereq: CRMJ 101 or SOCA 100 or 101. Freq: Occasionally.
Selected legal rules, principles, and institutions treated from a sociological perspective. Influence of culture and social organization on law; role of law in social change; social aspects of the administration of justice; and social knowledge and law. Cross-listed with CRMJ 359.

360 Critical Ethnic Studies ..... 3 cr
Prereq: SOCA 100 or 101; or consent of instructor. Freq: Yearly.
A critical examination of the social conditions under which ethnic, including 'racial', groups achieve the status of 'natural' and 'pure' social formations in the United States and in selected other societies. Special attention is given to perceptions of 'whiteness' and 'hybridity' and their social consequences. Cross-listed with ETHN 360.

362 Migration and Immigration ..... 3 cr
Prereq: SOCA 100 or 101. Freq: Occasionally.
Migration and immigration as major processes of change in the United States and internationally. Focus on communities, social networks, and work activities of migrants.

363 Corrections ..... 3 cr
Prereq: SOCA 100 or 101 or CRMJ 101; or consent of instructor.
Freq: Fall, Spring.
Analysis of the organization of correctional agencies and the role of corrections in the criminal justice system. Review of theories, practices, systems, and treatment methods. Cross-listed with CRMJ 363.

365 Race, Crime and Law ..... 3 cr
Prereq: CRMJ 101 or SOCA 100 or 101; junior standing.
Freq: Fall, Spring.
This course explores the intersections of race, crime and law in terms of the historical context, the present day situation and future directions. From law enforcement to courts and corrections, this course focuses on the multiple perspectives from offender to victim to criminal justice practitioner. Cross-listed with CRMJ 365.

367 LGBTQ Studies ..... 3 cr
Prereq: SOCA 100 or 101 or WGSS 110. Freq: Occasionally.
Examines the everyday lives of people in the LGBTQ community as they participate in identity politics, collective action, resistance, and empowerment in a heteronormative society. Cross-listed with WGSS 367.

368 Victimology ..... 3 cr
Prereq: SOCA 100 or 101 or CRMJ 101; or consent of instructor.
Freq: Occasionally.
An examination of the causes and consequences of crime victimization. The history and recent re-emergence of the study of the victim, and the types and circumstances of criminal victimization. The course addresses victims' rights and the victims' rights movement. Cross-listed with CRMJ 368.

371 Occupations and Professions ..... 3 cr
Prereq: SOCA 100 or 101. Freq: Occasionally.
Analysis of selected occupations and professions in modern life; recruitment, socialization, work roles and careers, occupational ideologies and practices.

372 Technology and Society ..... 3 cr
Prereq: SOCA 100 or 101. Freq: Occasionally.
Examination of critical, structural, contextual, and interactionist approaches to technology and technological change. Develops new perspectives on the interactions between technology and social organization. Discusses the causes and effects of technological change.

373 Formal Organization ..... 3 cr
Prereq: Consent of instructor. Freq: Fall.
Examines fundamental issues concerning social organization, including such topics as sociological theories of formal organization, research methods for analyzing organizations, individuals, and groups in organizations, organizational structure, communication, leadership, and decision-making, organizational change and effectiveness.

374 Women and Work ..... 3 cr
Prereq: SOCA 100 or 101. Freq: Every third semester.
Examines the position of women in the work world including the importance of gender in determining definitions and valuations of "work." The situation of women globally and historically is considered as context for current patterns in the United States.

375 Sociology of Education ..... 3 cr
Prereq: SOCA 100 or 101. Freq: Every third semester.
Education analyzed as an institution that influences and is influenced by society. Reviews the functions of education, how social conflict shapes schools, and the connections between education and social inequality.

376 Public Health ..... 3 cr
Prereq: SOCA 100 or 101. Freq: Spring.
Study of the health status of populations and the social, political, economic, and environmental factors that influence health, disease, and illness in populations; special focus on historical patterns, current challenges, and alternatives for future change.

379 Society and Environment ..... 3 cr
Prereq: SOCA 100 or 101. Freq: Every third semester.
A sociological examination of environmental philosophies, movements, attitudes, and issues. A diverse, multicultural array of approaches are considered.

380 Social Welfare as a Social Institution ..... 3 cr
Prereq: SOCA 100 or 101. Freq: Occasionally.
A survey of American social work emphasizing recent changes in organization and methods. Special attention is given to work with subcultures and minorities.

382 Environmental Anthropology ..... 3 cr
Prereq: SOCA 100 or 101; or consent of instructor.
Freq: Fall (odd years).
Anthropological survey of human/environmental relations. Discussion of ecological concepts and processes in relation to past and present human life, in simple and complex societies. Focus on anthropological perspectives on current environmental problems as aspects of the cultural adaptation to natural and social environments.

390 Special Topics ..... 1-3 cr
Prereq: SOCA 100 or 101. Freq: Occasionally.
Selected topics in sociology and/or anthropology will be examined.

406 Advanced Program Evaluation ..... 3 cr
Prereq: Minimum of 2 credits in SOCA 300. Freq. Spring.
Examination of the role of research in program planning and implementation; advanced application of this knowledge in a community based learning project

455 International Development and Change ..... 3 cr
Prereq: 6 credits in sociology. Freq: Occasionally.
Comparative analysis of social change and international development. Focuses on theories, the role of development agencies, and case studies of development projects.

490 Special Topics in Sociology and/or Anthropology ..... 3 cr
Prereq: SOCA 100 or 101; junior standing; or consent of instructor. Freq: Occasionally.
Selected topics in sociology and/or anthropology will be examined.

491 Anthropology Fieldwork ..... 1-10 cr
Prereq: SOCA 100 or 101 and consent of instructor. Freq: Fall, Spring, Summer.
Faculty supervision of student field research experience.

492 Internship in Sociology/Anthropology ..... 1-4 cr
Prereq: SOCA 100 or 101; junior standing; and consent of instructor. Freq: Fall, Spring, Summer.
Community work experience with emphasis on job preparation skills, i.e., resume writing, networking, interviewing.

495 Senior Seminar ..... 3 cr
Prereq: SOCA 295; SOCA 301 or 302; senior standing.
Freq: Fall, Spring.
Capstone experience for majors that includes reflection on the competencies gained from the major, how they relate to experiences after graduation, and work on a major project that allows application of the skills and competencies learned. May be taken for credit more than once with consent of instructor.

498 Portfolio ..... 1 cr
Prereq: Senior standing or consent instructor. Freq. Fall, Spring.
This class is designed to aid students in developing a portfolio to document their achievements in a certificate program, minor, or major. The class will make explicit their personal and career abilities and goals through completing a resume and through peer assessment of their work.

499 Independent Study ..... 1-4 cr
Prereq: Sociology major, junior standing; consent of instructor and department chair. Freq: Fall, Spring, Summer.
Independent work on specific problems in sociology and/or anthropology, under faculty supervision.

SUSTAINABLE MANAGEMENT

Degree Offered:
Bachelor of Science.

Professor:
Chalasani, Ph.D; Kaufman, Ph.D.; Walasek, Ph.D. (Director); Wolf, Ph.D.

Associate Professors:
Skalbeck, Ph.D.

Assistant Professor:
French, Ph.D; Kuruvilla, Ph.D.

Senior Lecturer:
Miller, M.A.

Additional Faculty from UW-River Falls, UW-Stout, UW-Superior, and other institutions

Student Organizations/Clubs:
BIOS Club, Geosciences Club, Geography Club, Parkside Environmental Club

Career Possibilities:
Environmental consulting, environmental law, product management, waste management, forestry, journalism, natural resource management, science teaching, recycling, wetlands management, wildlife conservation and green marketing.

Program Overview

This program is a collaborative, online bachelor of science degree completion program in sustainable management offered jointly by UW-Parkside, UW-River Falls, UW-Stout, UW-Superior and UW-Extension. This program consists of 21 courses that constitute the degree completion curriculum (final 63 credits) of the sustainable management degree. Because the first two years of the program curriculum consist primarily of general education requirements and prerequisites, students can begin the program through the UW Colleges, the Wisconsin Technical Colleges, or any of the UW System campuses. Students wishing to complete the entire curriculum online may do so by starting through UW Colleges online and then finishing this online program through any one of the four institutions in the collaboration.

Requirements for the Sustainable Management Major (63 credits)

Students are admitted into the program after completing the UW-Parkside general education requirements and have earned 60 credits of college work. Students are also required to have completed the following prerequisite courses: college algebra, introductory biology, general chemistry, introductory communication, and statistics. Students are required to complete each of the 21 courses of this degree completion curriculum.

Requirements for the Sustainable Management Science Certificate (12 credits)

The Sustainable Management Program offers an online certificate in sustainable management science that is available to undergraduate students as well as to non-degree-seeking students. Students applying to the certificate program will have to meet the course prerequisites for the courses listed in the certificate program. Admission to the certificate program does not comprise admission to the bachelor of science in sustainable management (SMGT) degree program. To be admitted to the SMGT degree program, students will have to follow the admissions processes of degree-seeking students and meet the requirements for the SMGT degree program. Students who complete courses in a certificate program and are later admitted to the SMGT degree program will be able to use the credits earned in the certificate program toward the degree.

Courses Required (12 credits)

SMGT 310	Ecology for Sustainable Management	3 cr
SMGT 315	Global Environmental Chemistry	3 cr
SMGT 320	Energy for Sustainable Management	3 cr
SMGT 325	Natural Resource Management	3 cr

Requirements for the Sustainable Enterprise Management Certificate (15 credits)

The Sustainable Management Program offers an online certificate in sustainable enterprise management that is available to undergraduate students as well as to non-degree seeking students. Students applying to the certificate program will have to meet the course prerequisites for the courses listed in the certificate program. Admission to the certificate program does not comprise admission to the bachelor of science in sustainable management (SMGT) degree program. To be admitted to the SMGT degree program, students will have to follow the admissions processes of degree-seeking students and meet the requirements for the SMGT degree program. Students who complete courses in a certificate program and are later admitted to the SMGT degree program will be able to use the credits earned in the certificate program toward the degree.

Courses Required (12 credits)

SMGT 230	Triple Bottom Line Accounting for Managers	3 cr
SMGT 235	Economics in Society and Sustainability	3 cr
SMGT 331	Sustainable Organizational Finance	3 cr
SMGT 430	International Management for a Sustainable World	3 cr

Elective Course (3 credits)

Choose one:

SMGT 335	Management & Environmental Information Systems	3 cr
SMGT 350	Operations Management and Sustainability	3 cr

Courses in Sustainable Management (SMGT)

115 Environmental Science and Sustainability ..... 3 cr
Prereq: Admitted SMGT majors only or program adviser consent on space available basis. Freq: Fall, Spring, Summer.
Overview of the interrelationships between humans and the environment. The material presented in the first one-third of the course focuses on important ecological concepts. The remainder of the course deals with human influence on the environment and sustainable practices to avoid or ameliorate the negative impacts. The ecological concepts are used throughout to identify, understand, and provide a basis for proposing possible solutions to contemporary environmental problems. Overall, this course will provide the student with a better understanding of how humans can more positively affect the environment in which they live.

220 Systems Thinking ..... 3 cr
Prereq: Admitted SMGT majors only or program advisor consent on space available basis. Freq: Fall, Spring, Summer
Students will use systems thinking to apply the concept of sustainability in various business, social, and scientific contexts. Rather than looking at problems by analyzing their component parts, students will learn to analyze whole systems. Students will then model the relationships and behaviors to identify leverage points for change.

230 Triple Bottom Line Accounting for Managers ..... 3 cr
Prereq: UW College MAT 110 or equivalent, admitted SMGT majors only or program adviser consent on space available basis. Freq: Fall, Spring, Summer.
Students will be introduced to the discipline of financial and managerial accounting and learn how this information is used. Students will gain a basic knowledge of the preparation of financial statements and their analytical use. Further, students will explore how this accounting information is applied by managers in the decision-making process helping organizations meet the triple bottom line (strong profits, healthy environment, and vital communities).

235 Economics in Society and Sustainability ..... 3 cr
Prereq: UW College MAT 110 or equivalent, admitted SMGT majors only or program adviser consent on space available basis. Freq: Fall, Spring, Summer.
General introductory course highlighting economic, social, and environmental issues facing society. In addition to covering traditional issues such as markets and prices (microeconomics), government economic management (macroeconomics), and international trade, it also introduces economic content into the analysis of selected topics such as poverty and discrimination, the environment, and the provision of government services. Critiques of conventional economic thought, within the context of systems thinking and ecological economics, are integrated throughout the course.

240 Technical Writing for Sustainable Management ..... 3 cr
Prereq: Admitted SMGT majors only or program adviser consent on space available basis. Freq: Fall, Spring, Summer.
The psychology and mechanics of written communications are thoroughly explored and widely applied. Also included are non-written applications in such business areas as international/intercultural, nonverbal, and ethical communications related to sustainability.

310 Ecology and Sustainability ..... 3 cr
Prereq: UW College BIO 109 or equivalent, admitted SMGT majors only or program adviser consent on space available basis. Freq: Fall, Spring, Summer.
Interrelationships of organisms with each other and their environments. Investigation into composition and dynamics of populations, communities, ecosystems, landscapes, and the biosphere with emphasis on sustainability.

315 Global Environmental Chemistry ..... 3 cr
Prereq: UW College CHE 125 or equivalent, admitted SMGT majors only or program adviser consent on space available basis. Freq: Fall, Spring, Summer.
An exploration of chemical environments as interdependent thermodynamic and kinetic systems. The "system/surroundings" perspectives of thermodynamics will be applied to systems of progressively larger size in order to arrive at the comprehensive view of the global environmental system.

320 Energy for Sustainable Management ..... 3 cr
Prereq: UW College CHE 125 or equivalent, admitted SMGT majors only or program adviser consent on space available basis. Freq: Fall, Spring, Summer.
Students will learn to apply basic engineering principles to existing and emerging energy technologies to provide a better understanding of energy production, consumption, and environmental impact; and how these principles relate to sustainable management. Topics cover a wide range of energy systems including nuclear, fossil fuels, wind, solar, biofuels and biomass.

325 Natural Resource Management ..... 3 cr
Prereq: Admitted SMGT majors only or program adviser consent on space available basis. Freq: Fall, Spring, Summer.
Examines the interdependence between natural resources associated with land, air, and water. Explores significant environmental issues regarding the policies and problems in the use and management of natural resources related to soils, vegetation, landscape within the context of social needs and sustainability.

330 Marketing for a Sustainable World ..... 3 cr
Prereq: SMGT 235, admitted SMGT majors only or program adviser consent on space available basis. Freq: Fall, Spring, Summer.
An analysis of an organization's opportunities to develop sustainability practices as they relate to the development of product, pricing, supply and distribution channels (retail, wholesale), promotion (advertising, sales promotion, public relations) and target markets.

331 Sustainable Organizational Finance ..... 3 cr
Prereq: UW College MAT 117 or equivalent, SMGT 230, SMGT 235, admitted SMGT majors only or program adviser consent on space available basis. Freq: Fall, Spring, Summer.
An introduction to the theory and methods of sustainable organizational finance. Topics include financial statements; discounting and budgeting; uncertainty and risk/reward trade-offs; and assessing the financial implications of the triple bottom line (e.g. climate change, carbon trading, human resource management, and creating environmentally-conscious shareholder value).

332 Economics of Environmental Sustainability ..... 3 cr
Prereq: SMGT 235, admitted SMGT majors only or program adviser consent on space available basis. Freq: Fall, Spring, Summer.
Examines the interaction between market activity and the environment, applies economic analysis to the efficient and sustainable management of environmental goods and resources, and examines how economic institutions and policies can be changed to bring the environmental impacts of economic decision-making more into balance with human desires and the needs of the ecosystem.

335 Management and Environmental Information Systems.... 3 cr
Prereq: UW College MAT 117 or equivalent, SMGT 230, admitted SMGT majors only or program adviser consent on space available basis. Freq: Fall, Spring, Summer.
Use of the computer as a problem-solving tool, as part of data processing systems; information systems and decision support tools for managers; information systems planning and developmment; overview of computer hardware, software, database management, networking and web technologies; green data centers; energy efficient trends in information technology; data and information usage in green businesses.

340 Organizational Behavior and Sustainability ..... 3 cr
Prereq: UW College COM 103 or equivalent, admitted SMGT majors only or program adviser consent on space available basis. Freq: Fall, Spring, Summer.
Management principles and theories underlying human behavior in organizations are investigated. Topics include personality, motivation, communication, decision-making, leadership, teamwork, ethics, power, diversity, and work stress. Constraints and opportunities of an "eco" friendly organization are realized.

350 Operations Management and Sustainability ..... 3 cr
Prereq: UW College MAT 110 or equivalent, UW College MAT 117 or equivalent, admitted SMGT majors only or program adviser consent on space available basis. Freq: Fall, Spring, Summer.
Introduction to the role of the operations function in a sustainable organization. The course will outline how green enterprises address linear programming; continuous and intermittent production processes; aggregate planning; inventory control; materials management; scheduling; project management; quality assurance; and operations.

360 Environmental and Sustainability Policy ..... 3 cr
Prereq: SMGT 115, admitted SMGT majors only or program adviser consent on space available basis. Freq: Fall, Spring, Summer.
Topics include the spectrum of historical, theoretical and technical issues applicable to sustainable management of natural resources, environmental quality standards and risk management. Administrative structures that form the basis for selecting appropriate responses to complex management problems faced by industry, government and non-governmental agencies are identified. The historical development and current framework of public policy are investigated and specific foundational legislation is critiqued.

370 Logistics, Supply Chain Management, and Sustainability ..... 3 cr
Prereq: SMGT 350, admitted SMGT majors only or program adviser consent on space available basis. Freq: Fall, Spring, Summer.
An introduction to the concepts, functions, processes, and objectives of logistics and supply chain management activities. It covers those activities that are involved in physically moving raw materials, inventory, and finished goods from point of origin to point of use or consumption. It covers the planning, organizing, and controlling of such activities, and examines the role of supply chain processes in creating sustainable competitive advantage with respect to quality, flexibility, lead-time, and cost. Topics include customer service, inventory management, transportation, warehousing, supply chain management, reverse logistics, green supply chains and international logistics.

430 International Management for a Sustainable World ..... 3 cr
Prereq: SMGT 235, admitted SMGT majors only or program adviser consent on space available basis. Freq: Fall, Spring, Summer.
Analysis of the theory and practice of managing international organizations including socio-cultural aspects and group dynamics of international business and service organizations through the study of sustainable management practices. Implementation of a triple bottom line solution to organizational problems will be emphasized.

435 International Management for a Sustainable World ..... 3 cr
Prereq: SMGT 235, admitted SMGT majors only or program adviser consent on space available basis. Freq: Fall, Spring, Summer.
Historical roots of the idea of development, economic theories of growth and their implications for sustainability, and interrelationships between population growth, food security, poverty, inequality, urbanization, technological change, international trade and environmental change at local, regional and global scales. Contemporary issues and alternatives.

460 Environment and Society..... 3 cr
Prereq: SMGT 115, admitted SMGT majors only or program adviser consent on space available basis. Freq: Fall, Spring, Summer.
Introduces the fundamentals of human-environmental interaction; a grasp of how these interactions create problems; and how the elements of social, technological, and personal choices combine to overcome them.

495 Sustainable Management Capstone ..... 3 cr
Prereq: Senior standing, instructor consent, admitted SMGT majors only or program adviser consent on space available basis. Freq: Fall, Spring, Summer.
An application and study of sustainable management through the solution of an industry-based project. Implementation of a triple bottom line solution to industrial problems will be emphasized.

THEATRE ARTS

RITA/CART 285 • 262-595-2581

Degree Offered:
Bachelor of Arts

Associate Professors:
Cheatham, M.F.A.; Kornetsky, M.F.A. (Chair); Sekas, M.F.A.

Assistant Professor:
Bradford, M.F.A.;

Artists / Lecturers/ Supervision Staff
Clickner, M.F.A.; DaMata-Geiger, M.F.A.; Harris, M.F.A.; Peterson, M.A.; Wienke, B.A.

Professional Accreditations or Memberships:
Kennedy Center American College Theatre Festival (KCACTF), United States Institute of Theatre Technology (USITT), Alliance for Wisconsin Theatre Education (AWTE), Society of American Fight Directors (SAFD), Wisconsin High Education Theatre Council (WHETC)

Student Organizations/Clubs:
Drama Club

Department Overview

Program Mission Statement
The Theatre Arts Department at the University of Wisconsin-Parkside endeavors to provide students with the tools necessary to function as developing artists and self-realized individuals, combining theatrical training with a strong liberal arts curriculum. A comprehensive combination of classroom training, company engagement, and realized production work allows for a well-rounded collegiate learning experience with an emphasis on collaboration and creative process. We seek to develop and present enriching theatrical experiences which have relevance and value for the diverse communities that we serve, providing cultural enrichment and a means of better understanding and appreciating human societies and the world.

Courses in speech studies also reside within the Theatre Arts Department but are not a part of the theatre arts major or minor. Speech courses are listed at the end of the theatre arts section. For more information about the courses, please contact the director, Bonnie Peterson at petersob@uwp.edu.

Our Diversity Initiative

UW-Parkside's commitment to diversity is reflected in a curriculum that prepares students from all genders and all racial, ethnic, national, religious, and other marginalized groups to live in a pluralistic society.

The UW-Parkside Theatre Arts Department fully embraces the university's multicultural mission and vision, and strives to provide academic and production opportunities that reflect the full diversity of ideas and individuals that exist in our greater community and culture. We endeavor to create a diverse department of students and staff, allowing us to better reflect the demographics of our community in the theatrical works which we produce. We are committed to providing equal opportunity and nondiscrimination in all aspects of our academic and production programming. Except in plays where race or gender is an issue, casting is decided on the basis of ability.

The Program of Study

The UW-Parkside theatre arts curriculum is the systematic study of the all aspects of the theatrical arts, including history and criticism, dramatic literature, performance, directing, design, and technical production. The purpose is to present a comprehensive view of the evolution of theatre to its present form, melding theory with practical applications and creative problem solving. We are dedicated to the preparation of our students for future graduate studies and/or entry-level access to the theatrical profession or related career field after graduation.

Students may choose to either major or minor in theatre arts at UW-Parkside or take selected general education courses in the field. Our comprehensive B.A. degree allows students to graduate with a traditional liberal arts theatre degree or the option of pursuing professional training degrees (comparable to B.F.A. programs at similar institutions) in the areas of acting, design and technology, and direction and management.

Students seeking a major in theatre arts at UW-Parkside will have the benefit of a knowledgeable and professionally active faculty and staff with years of experience in all aspects of the theatre. The department is also affiliated with various professional theaters, allowing opportunities for our students to experience a professional atmosphere within a liberal arts context. Theatre students are encouraged to participate in professional theatre internship and apprenticeship opportunities as a part of their training program and degree completion. Most theatre students also work at professional theatres during the summer months, further developing their skills, experience, and connections to theatre professionals.

Program Entry Requirements:

All students who wish to major in theatre arts at UW-Parkside must participate in program entry interviews and/or auditions and be accepted to the program by a committee of theatre faculty and staff. Prospective students in good academic standing (minimum 2.75 GPA, minimum 21 ACT, upper 50 percent of graduating class) who are seeking entry into the theatre arts program must contact the department to schedule an interview and/or audition time. For complete details about the audition process and requirements, visit www.uwp.edu and contact a department representative regarding program entry auditions.

Transfer students from other two- and four-year institutions are welcomed into our program. Entrance into the theatre arts program later than the freshman year can prolong the length of time required to complete the degree. We are committed to assisting transfer students in completing our program in a reasonable period of time.

Once accepted as a major, students are expected to maintain a minimum 2.5 overall GPA, a minimum 2.75 GPA in the theatre arts major, and meet all departmental policies and expectations, which are outlined in the online student handbook.

Program Level Outcomes

The Theatre Arts Department at the University of Wisconsin-Parkside strives to:

- Serve as an artistic, educational, and cultural forum that utilizes the theatrical arts as a means of exploring, considering, and discussing various diverse aspects of our culture, society, and world;
- Offer students a comprehensive liberal arts degree in theatre arts, in addition to providing practical theatre training concentrations in the areas of acting, design and technology, and direction and management, further preparing students to be successful in their professional, civic, and personal lives;
- Establish a collaborative "company-based" training system that provides a select number of exceptional theatre students the best possible foundational training for careers in the professional theatre or related professions;
- Utilize and integrate new technology, methodologies, and techniques creatively and effectively into theatre courses, programs, and productions;
- Actively utilize professionally trained staff members, guest artists, and partnerships with regional professional theatres and artists to further expand and enhance our educational programming and production opportunities;
- Attract and retain a diverse population of students, staff, faculty, and audiences as we present theatrical programming and presentations that reflect the full diversity of our community and world;
- Enhance our students' and community's understanding and appreciation of the multifaceted, diverse theatrical art form by developing and presenting a broad range of accessible, high-quality academic and artistic opportunities;
- Remain viable, productive, and healthy through the effective and reasonable management of our human and financial resources and facilities.

Requirements for the Theatre Arts Major (49-64 credits)

All theatre arts majors must complete the core curriculum and choose one of the two options of study that are available to complete the major requirements.

Option I.	B.A. in theatre arts (generalist)
Option II.	B.A. in theatre arts with professional training concentrations in the following areas: acting, design and technology, or direction and management.

Theatre Arts Core Curriculum (40 credits)

Required courses:

THEA 010	Practicum I	1 cr
THEA 014	Acting Practicum	1 cr
THEA 121	Theatrical Makeup	2 cr
THEA 124	Basic Acting Skills	3 cr
OR		
THEA 125	Acting I	3 cr
THEA 132	Stagecraft	3 cr
THEA 133	Costumecraft	3 cr
THEA 150	Text Analysis for the Theatre	3 cr
THEA 160	Principles of Theatrical Design	3 cr
THEA 212	Intermediate Technical Production	2 cr
OR		
THEA 213	Assistant Director/Assistant Stage Manager	2 cr
THEA 295	Sophomore Seminar	1 cr
THEA 310	Fundamentals of Stage Direction	3 cr
THEA 355	Theatre History & Literature to 1660	3 cr
THEA 356	Theatre History & Literature from 1660-1915	3 cr
THEA 357	Theatre History & Literature from 1915-Today	3 cr
THEA 373	Scene Design	3 cr
OR		
THEA 383	Costume Design	3 cr
THEA 495	Senior Seminar	3 cr

Option I: Generalist Degree (9 credits)

Requirements include the completion of the 40 credit core curriculum and 9 credits of elective courses chosen from theatre arts courses numbered 300 or above.

Option II: Concentration Option (20-24 credits)

Students have the option of choosing a concentration that includes a more comprehensive study in a chosen field within the theatre arts. The purpose of these varied concentrations is to further prepare students for graduate school studies or entry-level work in the professional theatre after graduation. Our concentration option is similar to B.F.A. (bachelor of fine arts) degrees at similar liberal arts institutions. Students must interview or audition into the following concentrations, and usually do so at the end of their first or second year in the program. Requirements include the completion of the 40 credit core curriculum and the required courses for the concentration chosen.

Requirements for the Concentration in Acting (20 credits)

Required Courses (12 credits)

THEA 225	Acting II	3 cr
THEA 228	Voice for the Actor I	3 cr
THEA 314	Advanced Acting Practicum	3 cr
THEA 325	Acting III	3 cr
	OR	
THEA 425	Acting IV	3 cr

Elective Courses (8 credits)

THEA 117	Theatre Dance I	2 cr
THEA 217	Theatre Dance II	2 cr
THEA 250	Stage Combat I	3 cr
THEA 251	Stage Combat II	3 cr
THEA 315	Styles of Acting (may be repeated for credit with new topic)	3 cr
THEA 328	Voice for the Actor II	3 cr
THEA 426	Acting for Musical Theatre	3 cr
MUSA 080	Applied Voice	2 cr
MUSP 277	Vocal Techniques	1 cr
HESM 240	Ballet I	2 cr
HESM 242	Jazz Dance I	2 cr

Requirements for the Concentration in Design & Technology (24 credits)

Required Courses (15 credits)

ART 104	Intro to Digital Arts	3 cr
ART 122	Introduction to Drawing	3 cr
ART 125	Ancient and Medieval Art	3 cr
	OR	
ART 126	Renaissance to Modern Art	3 cr
ART 331	Life Drawing	3 cr
THEA 312/ 412	Designer/Lead Technician	3 cr

Elective Courses* (9 credits)

THEA 322	Makeup II	3 cr
THEA 316	Technical Direction	2-3 cr
THEA 363	Lighting and Sound Design	3 cr
THEA 383	Costume Design	3 cr
THEA 483	Costume Design II	3 cr
THEA 373	Scene Design	3 cr
THEA 473	Scenic Design II	3 cr

* Cannot count costume, lighting and sound, or scene design from core courses.

Requirements for the Concentration in Direction & Management (21 credits)

Required Courses (9 credits)

THEA 213	Assistant Director/ Assistant Stage Manager	3 cr
THEA 313	Stage Management	3 cr
THEA 410	Directing II	3 cr

Interdisciplinary Elective Courses (6 credits)

ART 125	Ancient and Medieval Art	3 cr
	OR	
ART 126	Renaissance to Modern Art	3 cr
SPCH 105	Public Speaking	3 cr
COMM 107	Communication and the Human Condition	3 cr
COMM 285	Introduction to Conflict Analysis and Resolution	3 cr
THEA 208	Multicultural Theatre in America	3 cr
	OR	
THEA/ WGSS 215	Gender and Sexuality on Stage and Screen	3 cr

Theatre Elective Courses* (6 credits)

THEA 225	Acting II	3 cr
THEA/ ENGL 311	British Drama	3 cr
THEA 315	Acting Styles	3 cr
THEA/ ENGL 320	Shakespeare	3 cr
THEA 363	Lighting and Sound Design	3 cr
THEA 325	Acting III	3 cr
THEA 345	Writing for the Stage and Screen	3 cr
THEA 373	Scene Design	3 cr
THEA 383	Costume Design	3 cr

* Cannot count costume, lighting and sound, or scene design from theatre core courses.

Requirements for the Theatre Arts Minor (24 credits)

The basic objective of the theatre arts minor is to provide a foundation for further study, vocational or avocational, for all interested students.

Required Courses (24 credits)

THEA	010	Practicum I ..... 2 cr
THEA	014	Acting Practicum ..... 1 cr
THEA	110	Theatre Appreciation ..... 3 cr
THEA	124	Basic Acting Skills ..... 3 cr
		OR
THEA	125	Acting I ..... 3 cr
THEA	132	Stagecraft ..... 3 cr
		OR
THEA	133	Costumecraft ..... 3 cr
THEA	150	Text Analysis for the Theatre ..... 3 cr
THEA	160	Principles of Theatrical Design ..... 3 cr
THEA	363	Lighting and Sound Design ..... 3 cr
		OR
THEA	373	Scene Design ..... 3 cr
		OR
THEA	383	Costume Design ..... 3 cr
THEA	355	Theatre History & Literature to 1660 ... 3 cr
		OR
THEA	356	Theatre History & Literature from 1660-1915 ..... 3 cr
		OR
THEA	357	Theatre History & Literature from 1915-Today ..... 3 cr

Courses in Theatre Arts (THEA)

010 Theatre Practicum I ..... 1 cr
Prereq: Consent of instructor. Freq: Fall, Spring.
Practical experience through participation in productions sponsored by theatre arts. Focus areas include scenery, props, costumes, makeup, lighting, or sound. May be repeated in different areas for a maximum of 4 credits. An average of five hours required per week.

014 Acting Practicum ..... 1-3 cr
Prereq: Audition required or consent of instructor. Freq: Fall, Spring.
Participation as a performer in a faculty-directed theatre production. Requires additional journal and written evidence of research and outside efforts in character development. May be repeated for a maximum of 6 credits.

110 Theatre Appreciation ..... 3 cr
Prereq: None. Freq: Fall, Spring.
Introduction to the arts of the theatre. Examination of the nature, function, and basic theories of drama. Reading selected plays and attending live theatrical performances. Field trips to theatrical productions required; additional fees required.

117 Theatre Dance I ..... 2 cr
Prereq: None. Freq: Occasionally.
This course explores a variety of traditional theatre dance styles, including jazz, modern, soft shoe/tap, and chorus dancing. May be taken for credit each time a different topic is studied. Field trips to theatrical productions required; additional fees required.

121 Theatrical Makeup ..... 2 cr
Prereq: None. Freq: Spring.
Basic principles and techniques of theatrical makeup. Field trips to theatrical productions required. Lab and additional fees required.

124 Basic Acting Skills ..... 3 cr
(General Education Course, Arts and Humanities.) Prereq: None. Freq: Spring.
This beginning class introduces students to basic acting and improvisation skills. Through acting exercises, discussion, role-playing, story-telling and other activities, the class will focus on how these activities can improve communication, create flexibility, and introduce the non-actor to important interpretive and interpersonal skills that can be used throughout an individual's life and career. Field trips to theatrical productions required; additional fees required.

125 Acting I ..... 3 cr
Prereq: Consent of instructor. Freq: Fall.
Foundations of acting and script analysis based on methods of Stanislavski and Robert Cohen. Emphasis is on acting through doing. Includes exercises, monologues and scene work. Not available for audit. Intended for majors/minors. Field trips to theatrical productions required; additional fees required.

132 Stagecraft ..... 3 cr
Prereq: Consent of instructor. Freq: Fall.
Introduction to procedures and theories of theatrical production. Includes stage equipment, scenic construction, scenic painting, stage lighting, technical personnel duties, practical applications, and work on current productions. Field trips to theatrical productions required. Lab and additional fees required.

133 Costumecraft ..... 3 cr
Prereq: Consent of instructor. Freq: Spring.
A practical introduction to costume theory and construction. Includes the use of shop equipment, shop operation, and costume production skills with practical applications through work on current productions. Field trips to theatrical productions required. Lab and additional fees required.

141 Theatre in the City ..... 1 cr
Prereq: Consent of instructor. Freq: Occasionally.
A study of plays, current productions, playwrights, actors, and theatrical practices in selected cities. May be repeated with different content. May not be taken without THEA 142.

142 Theatre in the City Field Trip ..... 1 cr
Prereq: Consent of instructor. Freq: Occasionally.
Field trip allowing on-site observation of theory and practice studied in accompanying course. Consists of play attendance, guest lectures, and backstage tours. May be repeated with different content. May be taken with/without THEA 141. Additional fees required.

150 Text Analysis for the Theatre ..... 3 cr
Prereq: Consent of instructor. Freq: Fall.
This introductory course in text analysis provides performers, designers, directors, and technicians with a variety of viable approaches and critical methodologies useful in reading, researching, analyzing, interpreting, and creatively engaging with a variety of significant scripts from the classical and contemporary theatre. Field trips to theatrical productions required; additional fees required.

160 Principles of Theatrical Design ..... 3 cr
Prereq: Consent of instructor. Freq: Spring.
This course is designed to introduce the student to the fundamental elements and principles of design and how they apply to the development and creation of production elements for the live theatre productions. Field trips to theatrical productions required; additional fees required.

208 Multicultural Theatre in America ..... 3 cr
Prereq: ENGL 101. Freq: Fall.
This survey course in multicultural theatre focusing on African American, Asian America, Latino American and Native American cultures utilizes dramatic texts, live performance events and enthropological research as a means of exploring and understanding voices of diversity expressed on the American stage in the past 50 years. Field trips to theatrical productions required; additional fees required. Cross-listed with ETHN 208.

212 Intermediate Technical Production ..... 1-3 cr
Prereq: THEA 010, 132, 133 and consent of instructor.
Freq: Fall, Spring.
Student serves as supervisor, crew head, or assistant designer for a production. Participation may include but is not limited to scenery, props, costume, makeup, sound or lighting. Additional written and visual research required depending on position. May be repeated in a different area for a maximum of 6 credits.

213 Assistant Director/Assistant Stage Manager ..... 1-3 cr
Prereq: THEA 132 and consent of instructor. Freq: Fall, Spring.
Student serves as either assistant director or assistant stage manager for a production. Additional written and visual research required depending on position. May be repeated in a different area for a maximum of 6 credits.

214 Intermediate Acting Practicum .....1-3 cr
Prereq: Audition, THEA 014 and consent of instructor.
Freq: Fall, Spring.
Participation as a performer in a faculty-directed theatre production. Requires additional journal and written evidence of research and outside efforts in character development. May be repeated for a maximum of 6 credits.

215 Gender and Sexuality on the Stage and Screen .....3 cr
Prereq: none. Freq: Spring.
Examines the portrayal and representation (or lack of representation) of gender and/or the LGBTQ voice and identity in plays and film during the last century. Explores a number of facets of gender and sexual identity and portrayal through theory and criticism as well as through the plays and films themselves. Field trips to theatrical productions required; additional fees required. Cross-listed with WGSS 215.

217 Theatre Dance II..... 2 cr
Prereq: THEA 117 and Consent of instructor. Freq: Occasionally.
This course explores a variety of traditional theatre dance styles, including jazz, modern, soft shoe/tap, and chorus dancing. May be taken for credit each time a different topic is studied. Field trips to theatrical productions required; additional fees required.

225 Acting II..... 3 cr
Prereq: THEA 125 and consent of instructor. Freq: Spring.
Intensification and deepening of an actor's skills. Emphases on simplicity and in-the-moment work, including Meisner and Neutral mask work. Field trips to theatrical productions required; additional fees required.

228 Voice for the Actor I..... 3 cr
Prereq: THEA 125 and consent of instructor. Freq: Occasionally.
An intensive studio course in the individual development and use of the voice for performance. Articulation and voice projection will be stressed. Field trips to theatrical productions required; additional fees required.

250 Stage Combat I – Unarmed ..... 3 cr
Prereq: THEA 125 and consent of instructor. Freq: Occasionally.
Introduction to unarmed stage combat. Focus on basic combat techniques and movement skills: physical awareness, balance, coordination, and safety. Incorporates acting within choreography. Field trips to theatrical productions required; additional fees required.

251 Stage Combat II– Basic Swordplay..... 3 cr
Prereq: THEA 125 and consent of instructor. Freq: Occasionally.
Focus on sword work (single rapier). Development of high speed, moment-to-moment acting. Benefits include heightened concentration, physical agility and stamina. Field trips to theatrical productions required; additional fees required.

285 Performance and Portfolio Development..... 1 cr
Prereq: Consent of instructor. Freq: Fall, Spring.
Professional development of visual performance material, resumes, and portfolios.

290 Special Topics in Theatre Arts.....1-4 cr
Prereq: consent of instructor. Freq: Occasionally.
Selected topics in theatre arts will be examined. Field trips to theatrical productions required; additional fees required.

294 Professional Theatre Internship.....1-6 cr
Prereq: Consent of instructor and department chair. Freq: Fall, Spring, Summer.
This individualized program of study for freshmen and sophomores includes apprenticeships and internships at professional theatres, under the supervision of campus faculty and professional theatre staff. May be repeated for a maximum of 6 credits.

295 Sophomore Seminar ..... 1 cr
Prereq: 15 credits in THEA and consent of instructor. Freq: Fall
Students will focus on the development and presentation of portfolios (paper and electronic) and audition/interview materials to prepare them for professional careers and/or graduate study. Field trips to theatrical productions required; additional fees required.

299 Independent Study.....1-3 cr
Prereq: Consent of instructor and department chair.
Freq: Fall, Spring, Summer.
Regularly available under the supervision of theatre faculty members, this course allows individual students with 60 or fewer credits the opportunity to explore a variety of theatrical subjects and/or projects that are not regularly offered in other theatre courses.

310 Fundamentals of Stage Direction..... 3 cr
Prereq: THEA 125 and 132, and consent of instructor. Freq: Spring.
Examination of the director's role in theatre production. Concentrated study of the theoretical and practical principles and techniques of directing and play analysis. Field trips to theatrical productions required; additional fees required.

311 British Drama..... 3 cr
Prereq: THEA 150 and consent of instructor; or ENGL 266; and 167 or a 200-level survey; or consent of instructor.
Freq: Occasionally.
Studies the history and development of drama from its beginnings through Shaw. Cross-listed with ENGL 311.

312 Studio Designer / Lead Technician.....1-5 cr
Prereq: THEA 212 and consent of instructor. Freq: Fall, Spring.
Student serves as designer or lead technician for a studio production. Designs may include but are not limited to scenery, props, costume, makeup, sound or lighting. Additional written and visual research required depending on position. May be repeated for a maximum of 10 credits with only 6 in one area applied toward the major.

313 Stage Management.....3-5 cr
Prereq: THEA 212 and consent of instructor. Freq: Fall, Spring.
Student serves as stage manager for a production. Additional written and visual research required. May be repeated for a maximum of 10 credits.

314 Advanced Acting Practicum .....1-3 cr
Prereq: Audition, THEA 214 and consent of instructor.
Freq: Fall, Spring.
Participation as a performer in a faculty-directed theatre production. Requires additional journal and written evidence of research and outside efforts in character development. May be repeated for a maximum of 6 credits.

315 Styles of Acting..... 3 cr
Prereq: THEA 225 and consent of instructor. Freq: Occasionally.
An intensive investigation of a selected style of acting such as comedy, improvisation, physical acting, musical theatre performance, Shakespeare, etc. May be taken for credit each time a different topic is studied. Field trips to theatrical productions required; additional fees required.

316 Technical Direction ..... 2-3 cr
Prereq: THEA 212 and consent of instructor. Freq: Fall, Spring.
Student serves as technical director for a production. Additional research and graphic materials are required. May be repeated for a maximum of 9 credits.

317 Dramaturgy ..... 1-3 cr
Prereq: Consent of Instructor. Freq: Fall, Spring.
Student serves as dramaturg for a production. Additional written and visual research required. May be repeated for a maximum of 6 credits.

320 Shakespeare ..... 3 cr
Prereq: THEA 150 and consent of instructor; ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Fall, Spring.
Surveys the major plays, their Renaissance context, and meaning today. Some attention to the techniques of scholarship. Cross-listed with ENGL 320.

322 Makeup II ..... 3 cr
Prereq: THEA 121 and consent of instructor. Freq: Occasionally.
Intermediate study of principles and techniques of theatrical makeup, including airbursh and special effects. Field trips to theatrical productions required. Lab and additional fees required.

325 Acting III ..... 3 cr
Prereq: THEA 225 and consent of instructor. Freq: Fall.
Advanced scene study and exploration of characterization. Emphasis on adding the layers of complex action (conditioning factors, physicalization, internal obstacles, etc.). Field trips to theatrical productions required; additional fees required.

328 Voice for the Actor II ..... 3 cr
Prereq: THEA 228 and consent of instructor. Freq: Occasionally.
The continuation of individual development and use of the voice for performance. Development of an aesthetic quality, expressive intonation, and study of the more commonly used American and foreign dialects. Field trips to additional theatrical productions required; additional fees required.

341 Advance Theatre in the City ..... 1 cr
Prereq: Consent of instructor. Freq: Occasionally.
A study of plays, current productions, playwrights, actors and theatrical practices in selected cities. May be repeated with different content. May not be taken without THEA 342.

342 Advance Theatre in the City Field Trip ..... 1 cr
Prereq: Consent of instructor Freq: Occasionally.
Field trip allowing on-site observation of theory and practice studied in accompanying course. Consists of play attendance, guest lectures and backstage tours. May be repeated with different content. May be taken with or without THEA 341. Additional fees required.

345 Writing for the Stage and Screen ..... 3 cr
Prereq: ENG 101 and consent of instructor. Freq: Occasionally.
This workshop-based course introduces writers to the process of creating monologues, scenes, plays, and/or scripts for the live stage and screen. Field trips to additional theatrical productions required; additional fees required.

355 Theatre History and Literature to 1660 ..... 3 cr
Prereq: ENGL 101 and consent of instructor. Freq: Fall (even years).
This course provides learners a comprehensive overview of key milestones in theatre history and literature from the origins of theatre to 1660. Included in the course will be a study of primary and secondary historical sources which reveal the context for theatrical productions in a variety of cultures and periods through the study of selected play scripts, playwrights, production practices, performance structures, audience composition, and criticism. Field trips to theatrical productions required; additional fees required.

356 Theatre History and Literature from 1660 to 1915 ..... 3 cr
Prereq: ENGL 101 and consent of instructor.
Freq: Spring (odd years).
This course provides learners a comprehensive overview of key milestones in theatre history and literature from 1660 to 1915. Included in the course will be a study of primary and secondary historical sources which reveal the context for theatrical productions in a variety of cultures and periods through the study of selected play scripts, playwrights, production practices, performance structures, audience composition, and criticism. Field trips to theatrical productions required; additional fees required.

357 Theatre History and Literature from 1915 to Today ..... 3 cr
Prereq: ENGL101 and consent of instructor. Freq: Fall (odd years).
This course provides learners a comprehensive overview of key milestones in theatre history and literature from 1915 to today. Included in the course will be a study of primary and secondary historical sources which reveal the context for theatrical productions in a variety of cultures and periods through the study of selected play scripts, playwrights, production practices, performance structures, audience composition, and criticism. Field trips to theatrical productions required; additional fees required.

363 Lighting and Sound Design ..... 3 cr
Prereq: THEA 132, 160; or consent of instructor.
Freq: Spring (odd years).
Explores the fundamentals of the artistry, methods, and function of lighting and sound design for stage production. Focuses on terminology, safe practices, current technology, design processes and production practices through lecture, demonstration, production participation, and practical project work. Field trips to theatrical productions required; additional fees required.

373 Scenic Design ..... 3 cr
Prereq: THEA 132 and consent of instructor.
Freq: Spring (even years).
Basic theoretical and practical techniques of designing stage scenery. Includes instruction in drafting, ground plans, perspective sketches, rendering and model building and work on current productions. Field trips to theatrical productions required. Lab and additional fees required.

383 Costume Design ..... 3 cr
Prereq: THEA 133 and consent of instructor. Freq: Fall (even years).
Examination of fundamentals inherent in the costume design process including theory, historical research and rendering styles. Lab fee required. Field trips to theatrical productions required; additional fees required.

390 Special Topics in Theatre Arts ..... 1-4 cr
Prereq: consent of instructor. Freq: Occasionally.
Selected topics in theatre will be examined. Field trips to theatrical productions required; additional fees required.

410 Directing II ..... 3 cr
Prereq: THEA 310 and consent of instructor. Freq: Spring.
Builds upon the basic principles of stage direction explored in THEA 310 and provides students with the opportunity to select, research, interpret, stage, and present a wide range of scenes from a variety of theatrical genres and styles. Field trips to theatrical productions required; additional fees required.

412 Main Stage Designer / Lead Technician ..... 1-5 cr
Prereq: THEA 312 and consent of instructor. Freq: Fall, Spring.
Student serves as designer or lead technician for a main-stage production. Designs may include but are not limited to scenery, props, costume, makeup, sound or lighting. Additional written and visual research required depending on position. May be repeated for a maximum of 10 credits with only 6 in one area applied toward the major.

425 Acting IV ..... 3 cr
Prereq: THEA 325 and consent of instructor. Freq: Spring.
Focus on elements of style through scene work, involving complex characterization, and research. Expanding the truth to accommodate classical and contemporary/post-modern styles. Field trips to theatrical productions required; additional fees required.

426 Acting for Music Theatre 3cr
Prereq: THEA 125 and consent of instructor. Freq: Occasionally.
This course is an introduction to styles of acting for the musical theatre, including exercises, improvisations, scene and vocal work. Field trips to theatrical productions required; additional fees required.

445 Projects in Writing for the Stage and Screen ..... 3 cr
Prereq: THEA 345 and consent of instructor. Freq: Occasionally.
This theoretical and practical course in playwriting and screenplay writing will build upon and further develop the technical foundations and writing strategies explored by writers in THEA 345. This course will provide the playwright with necessary tools and practical methodologies necessary to take their texts from page to stage or screen. Field trips to theatrical productions required; additional fees required.

473 Scenic Design II ..... 3 cr
Prereq: THEA 373 and consent of instructor. Freq: Spring (even years).
Intermediate studies in scenic design. Theoretical application of scenic design projects. Includes a continuation of rendering, ground plan, and model work begun in THEA 373, and introduces technical drawings and painting elevations. Also includes work on current productions. Field trips to theatrical productions required; additional fees required.

483 Costume Design II ..... 3 cr
Prereq: THEA 383 and consent of instructor. Freq: Fall (even years).
Intermediate study of special problems in costume research and theory, plus projects in costume design. Field trips to theatrical productions required. Lab and additional fees required.

490 Special Topics in Theatre Arts ..... 1-4 cr
Prereq: Consent of instructor. Freq: Occasionally.
Selected topics in theatre arts will be examined. Field trips to theatrical productions required; additional fees required.

494 Professional Theatre Internship ..... 1-12 cr
Prereq: Consent of instructor and department chair.
Freq: Fall, Spring, Summer.
This individualized program of study for juniors and seniors includes apprenticeships and internships at professional theatres, under the supervision of campus faculty and professional theatre staff. May be repeated for a maximum of 12 credits.

495 Senior Seminar ..... 3 cr
Prereq: Consent of instructor. Freq: Fall.
For students in their final year. Students will be required to demonstrate their ability to successfully research in the field through written, oral and visual presentations to the group. Each student will focus their approach to this critical study of the topic within their own area of concentration (design, acting, directing or dramaturgy). At the same time, students will be focusing on the development and presentation of portfolios (paper and electronic), and auditions/ interview materials to prepare them for professional careers and/ or graduate study. Field trips to theatrical productions required; additional fees required.

499 Independent Study ..... 1-6 cr
Prereq: Consent of instructor and department chair.
Freq: Fall, Spring, Summer.
Regularly available under the supervision of theatre faculty members, this course allows individual students with 60 or more credits the opportunity to explore a variety of theatrical subjects and/or projects that are not regularly offered in other theatre courses.

Courses in Speech Studies (SPCH)

105 Public Speaking ..... 3 cr
Prereq: None. Freq: Fall, Spring, Summer.
Fundamentals of speech composition, style, and delivery. Practical experience in informative, persuasive, and special occasion speaking. Not available for audit.

290 Special Topics in Speech Studies ..... 3 cr
Prereq: Varies with topic. Freq: Occasionally.
Selected topics related to speech will be examined.

299 Independent Study ..... 1-3 cr
Prereq: SPCH 105; consent of instructor and program director.
Freq: Fall, Spring
Individual investigation of selected practices and issues related to speech studies.

305 Advanced Presentation Skills for College and Career ..... 3 cr
Prereq: SPCH 105. Freq: Spring.
Develop advanced mastery of theory and practice of speech presentation.

390 Special Topics in Speech Studies ..... 3 cr
Prereq: Varies with Topic. Freq: Occasionally.
Advanced selected topics related to speech studies will be examined.

490 Special Topics in Speech Studies ..... 3 cr
Prereq: Varies with Topic. Freq: Occasionally.
Advanced selected topics related to speech studies will be examined.

499 Independent Study ..... 1-3 cr
Prereq: SPCH 105, Junior standing, consent of instructor and program director. Freq: Fall, Spring.
Individual investigation of selected practices and issues related to speech studies will be explored.

WOMEN'S, GENDER AND SEXUALITY STUDIES

RITA/CART 221 • 262-595-2609

Degree Offered:
UW-Parkside offers a concentration in women's, gender and sexuality studies through the liberal studies major. This major draws upon existing UW-Parkside courses, and students may also receive credit for appropriate transfer courses, distance education courses, and credit for experiential learning.

UW-Parkside also offers a minor in women's studies through the Center for Women's, Gender and Sexuality Studies. Interested students should consult the director of the Liberal Studies Program for the major and the director of the Center for Women's, Gender and Sexuality Studies for the minor.

Co-Directors
Crafton, Ph.D., Martinez, Ph.D.

Steering Committee:
Jennifer Correa, Gail Gonzalez, Ana Guerriero, Won Ha, Jennifer Keefe, Farida Khan, Vera Kolb, Lisa Kornetsky, Mary Lenard, Heather Miles, John Moore, Dana Oswald, Kara Recker, Teresa Reinders

Many faculty teach women's, gender and sexuality studies courses through their departments, serve on the Women's, Gender, and Sexuality Studies Steering Committee, or work on collaborative projects and initiatives such as the Teresa Peck Award, Women in Science, Technology, Engineering and Math (STEM).

Affiliated Organizations:
The Women's Center, Wyllie Concourse, 262-595-2170; The Status of Women Committee, 262-595-2592; LGBTQ Resource Center, 262-595-2456

Career Possibilities
Nonprofit organizations, business, human resources, creative arts, education, government, health, journalism, law, medicine and social work, especially pertaining to issues of gender and sexuality. Graduate school with emphasis in the humanities, social sciences or the professions. Many careers are strengthened and enhanced by a minor in women's studies. Students are encouraged to discuss career options early with the program director and to consider internships and other activities which allow them to explore career possibilities.

Program Overview

The Center for Women's, Gender and Sexuality Studies provides an interdisciplinary program that draws upon all departments in the university to provide a systematic analysis of gender roles, sexual identity, and women's experiences in society. Its goal is to provide insights and generate activities that will lead to a better understanding of gender roles and sexual identity, improve the position of women, and transform society in the process. In such courses, women's positions are often analyzed relative to those of men, and these courses are relevant for both women and men who are seeking a fuller understanding of the past, present and future social trends.

These five learning objectives should guide students' selection of elective courses and guide their approach to the work they do in their course study.

Analysis: The ability to read and interpret gendered elements of verbal and nonverbal tests and imagery.

Communication: The ability to perceive gender bias in language choices and rhetorical strategies, and to communicate effectively using the media of the 21st century.

Ethics and Social Justice: The ability to recognize social injustice, inequality, and discrimination, particularly in regard to gender, and to expose and articulate options for change.

History, Culture, and Society: The ability to recognize patterns in past events and see their impact on the status of women and the construction of gender roles.

Critical Thinking: The ability to analyze how value systems shape human knowledge with respect to gender.

Interdisciplinarity: The ability to make deliberate connections among various academic disciplines, to comprehend and participate in more than one discipline.

Students electing the women's, gender and sexuality studies concentration in the liberal studies major or the women's, gender and sexuality studies minor may combine it with any major to give those students enhanced knowledge of gender issues within their major area. Graduates have found jobs in the community that focus on women's issues such as program coordinator, program director, counselor, etc., in organizations dedicated to women's issues. In addition, students have often been able to redirect the focus of existing organizations to address the needs of women, which are often neglected.

Preparation for Graduate School

Students who graduate with this minor can go on to professional and graduate programs in law, sociology, humanities, medicine and health, theology and other fields. Consult the director for further information to develop a plan of study.

Internships

Internships and applied experiences in other courses or independent study projects are encouraged. These experiences assist students in evaluating developing skills for possible job settings and for community organizing.

Requirements for the Women's, Gender and Sexuality Studies Minor (18 credits)

Eighteen credits are required for the minor. Students must take three core courses:

Core Courses (9 credits)

Choose one from each of the following:

1) WGSS 110 Introduction to Women's, Gender and Sexuality Studies ..... 3 cr

2) WGSS/ ENGL 112 Women in Literature ..... 3 cr
OR
WGSS 213 Gender and Society ..... 3 cr
OR
WGSS 236 Women in Modern Society ..... 3 cr

3) WGSS 494 Internship in Women's, Gender and Sexuality Studies ..... 1-6 cr
OR
WGSS 495 Women's, Gender and Sexuality Studies Seminar ..... 3 cr
OR
WGSS 497 Women's, Gender and Sexuality Studies Senior Thesis ..... 3 cr
OR
WGSS 499 Independent Study ..... 1-3 cr

The minor also requires three elective courses, deriving from at least two of the following three areas: Humanities & Art, Social Sciences, and Natural Sciences. Each semester, courses from other departments that are available for women's, gender and sexuality studies credit will be listed in the course schedule.

A. Humanities and Art

Approved women's, gender and sexuality studies courses from English, art, communication, theatre arts, humanities, music and philosophy. Examples include:

COMM 315 Communication and Gender ..... 3 cr
COMM 463 Gender, Race, Class and Sexualities in Media ..... 3 cr
WGSS/ THEA 215 Gender and Sexuality on the Stage and Screen ..... 3 cr
ENGL 269 Introduction to Women Writers ..... 3 cr
ENGL 367 Studies in American Ethnic Literature: (depending on topic) ..... 3 cr
ENGL 417 Studies in British Literature: British Women Novelists ..... 3 cr
ENGL 464 Studies in Cultural Patterns: Gay and Lesbian Literature ..... 3 cr
ENGL 469 Studies in Women Writers ..... 3 cr
PHIL 290 Special Topics in Philosophy: Feminism in Philosophy ..... 3 cr
WGSS/ ENGL 112 Women in Literature ..... 3 cr

B. Social Sciences

Approved women's, gender and sexuality studies courses from sociology, history, international studies, political science, psychology, economics, and business. Examples include:

WGSS/ CRMJ 366 Women, Crime, and Criminal Justice ..... 3 cr
HIST 236 Women in Modern Society ..... 3 cr
MGT 446 Global Issues in Management ..... 3 cr
POLS 203 Women, Power, and Politics ..... 3 cr
PSYC 280/ 380 Psychology of Gender ..... 3 cr
SOCA 213 Gender and Society ..... 3 cr
SOCA 290 Special Topics: LGBTQ Studies ..... 3 cr
SOCA 374 Women and Work ..... 3 cr
WGSS 367 LGBTQ Studies ..... 3 cr

C. Natural Sciences

Approved women's, gender and sexuality studies courses from biology, chemistry, physics, environmental studies, and exercise science and sport management. Examples include:

BIOS 103 Human Biology ..... 3 cr
HESM 321 Women's Health Issues ..... 1-4 cr
HESM 330 Sport in Society ..... 3 cr
SOCA 379 Society and Environment ..... 3 cr
WGSS 250 Women in Science ..... 3 cr

Each semester, courses appropriate for the women's, gender and sexuality studies minor are listed in the course schedule. Since courses are offered on a rotating basis, students are advised to consult with women's, gender, and sexuality studies faculty and directors to assist them with course selection and proper completion of requirements.

Students may count 3 credits of WGSS 494 Internship or WGSS 499 Independent Study 499 toward the minor. Arrangements for these projects must be made with individual women's, gender and sexuality studies faculty.

Courses in Women's, Gender and Sexuality Studies (WGSS)

110 Introduction to Women's, Gender and Sexuality Studies .. 3 cr
Prereq: None. Freq: Fall.
Introduces students to the field of women's studies, its theoretical and methodological bases, and the challenges it creates for other academic disciplines. Analyzes the construction of gender for both men and women. Examines issues of sexuality, including sexual attraction, intersexuality and trans-sexuality. Identity is examined as a complex series of intersections that involve race, ethnicity and class, often at a global level.

112 Women in Literature ..... 3 cr
Prereq: None. Freq: Spring.
Surveys women writers from classical times to the modern era, in their cultural contexts, and identifies the way in which their writing illuminates women's experience. Works by women from various cultures and backgrounds are considered. Cross-listed with ENGL 112.

203 Women, Power and Politics ..... 3 cr
Prereq: None. Freq: Occasionally.
Examines the environmental, systematic and political variables that define the existing and potential political position of women in a variety of international cultures. Cross-listed with POLS 203.

213 Gender and Society ..... 3 cr
Prereq: None. Freq: Fall, Spring.
Overview of theory and research on gender roles and gender stratification, focusing on political, economic, family and other settings; historical, cross cultural and sub-cultural comparisons. Cross-listed with SOCA 213.

215 Gender and Sexuality on the Stage and Screen ..... 3 cr
Prereq: None. Freq: Spring.
Examines the portrayal and representation (or lack of representation) of gender and/or the LGBTQ voice and identity in plays and film during the last century. Explores a number of facets of gender and sexual identity and portrayal through theory and criticism as well as through the plays and films themselves. Field trips to theatrical productions required. Additional fees required. Cross-listed with THEA 215.

236 Women in Modern Society ..... 3 cr
Prereq: ENGL 101. Freq: Occasionally.
Surveys the social and demographic patterns of pre-industrial society and focuses on the role of women in modern, industrial society. Topics include working-class women, middle class and modernization reform movements, feminism, suffrage, socialism, women in the era of the world wars, the 1950s and the contemporary women's movement. Cross-listed with HIST 236.

250 Women in Science ..... 3 cr
Prereq: Consent of program director. Freq: Occasionally.
Study of the role of women in science, analysis of the gendered social structure of science and how it is changing, and imagining the future. Course can be taken as an independent study.

290 Special Topics in Women's, Gender and Sexuality Studies ..... 3 cr
Prereq: None. Freq: Occasionally.
Selected topics in women's, gender and sexuality studies.

366 Women, Crime and Criminal Justice ..... 3 cr
Prereq: CRMJ 101 or consent of instructor. Freq: Occasionally.
Examines the study of female crime and delinquency. In addition to women as offenders, this course focuses on women as victims and workers in the criminal justice system. Cross-listed with CRMJ 366.

367 LGBTQ Studies ..... 3 cr
Prereq: WGSS 110,SOCA 100 or 101. Freq: Occasionally
Examines the everyday lives of people in the LGBTQ community as they participate in identity politics, collective action, resistance, and empowerment in a heteronormative society. Cross-listed with SOCA 367

390 Special Topics in Women's, Gender and Sexuality Studies ..... 1-4 cr
Prereq: Varies by topic. Freq: Occasionally.
Selected topics in women's, gender and sexuality studies.

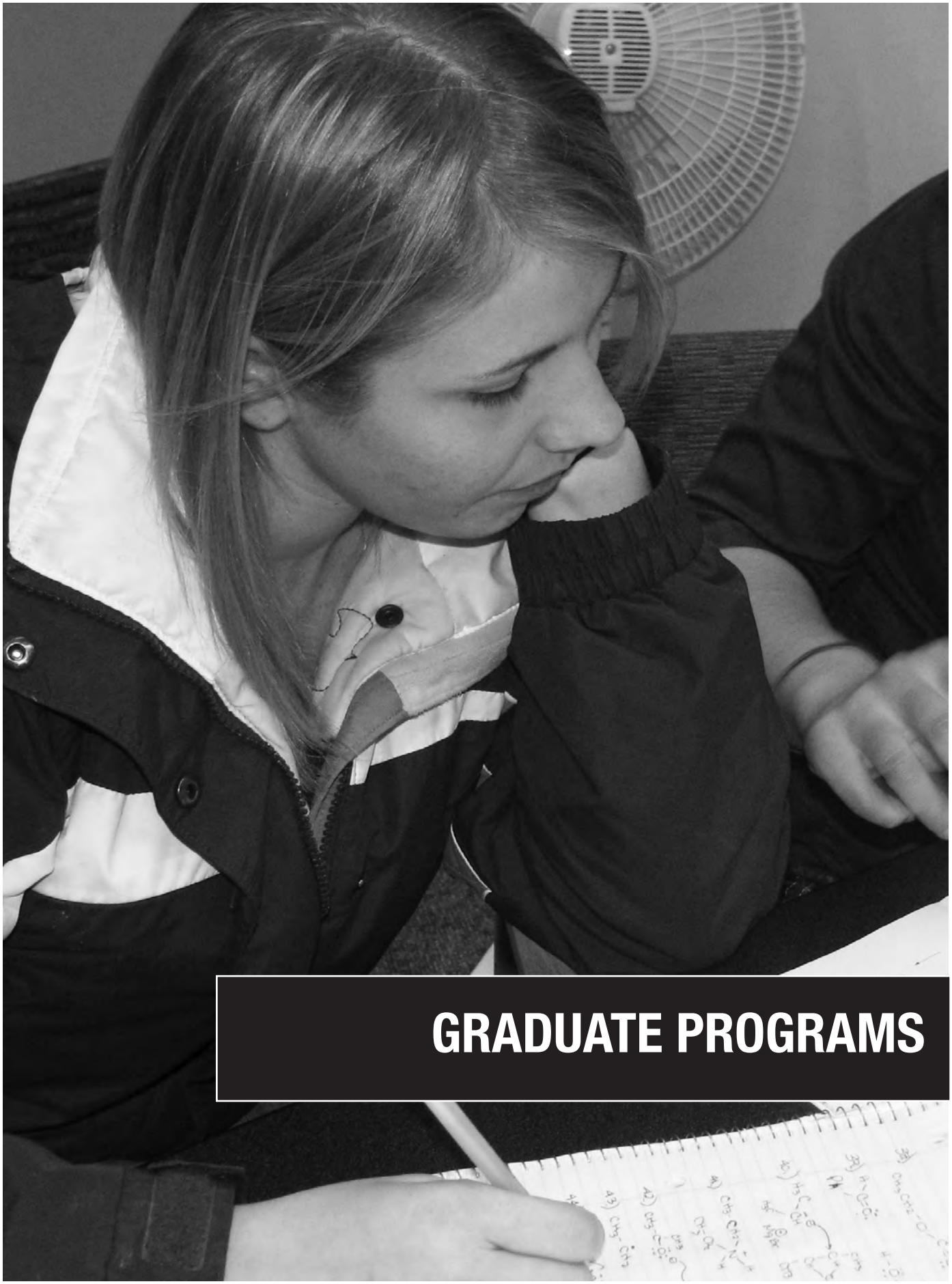
490 Special Topics in Women's Gender and Sexuality Studies ..... 3 cr
Prereq: Varies by topic. Freq: Occasionally.
Selected topics in women's, gender and sexuality studies.

494 Internship in Women's, Gender and Sexuality Studies...1-6 cr
Prereq: Consent of instructor and program director. Freq: Fall, Spring, Summer.
Work experience in a program related environment, or supervised experience in planned projects, that expose students to applied settings that serve women. Emphasis applying feminist analysis, qualitative research methods, communication and other skills, while increasing career knowledge and awareness. Maximum of 3 credits may apply to minor.

495 Women's, Gender and Sexuality Studies Seminar ..... 3 cr
Prereq: WGSS 110 and two other WGSS courses.
Freq: Alternate years.
Focuses on developments in feminist theory and methodology, with the goal of integrating theory and methods acquired in earlier women's, gender and sexuality studies courses and encouraging students to apply the material to the community around them. Allows students to work in their own interests within a broad theme selected by the instructor.

497 Women's, Gender and Sexuality Studies Senior Thesis .... 3 cr
Prereq: WGSS 110 and two other WGSS courses; and consent of instructor. Freq: Fall, Spring.
Independent research and writing of an essay of substantial length under faculty supervision. Agreement of faculty member to undertake supervision is necessary before registration.

499 Independent Study ..... 1-3 cr
Prereq: Consent instructor and program director.
Freq: Fall, Spring.
Individual research projects in women's, gender and sexuality studies. Maximum of three credits may apply to minor.



GRADUATE PROGRAMS

GRADUATE PROGRAMS

UW-Parkside offers graduate degree programs leading to the master of business administration (M.B.A.) degree, the master of science in applied molecular biology (M.S.A.M.B.), the master of science in computer and information systems (M.S.C.I.S.), or the master of science in sustainable management (M.S.S.M.G.T.). Additional graduate course work is offered in other fields of study.

The faculty of UW-Parkside has set minimum academic requirements that must be fulfilled by all graduate students. Specific graduate programs may have additional requirements spelled out in greater detail in the description of their programs. This section contains a section on the university-wide graduate study requirements and procedures. Many policies are common to graduate and undergraduate students; these are provided in the Programs and Policies section of this catalog.

Admission

Admission is a judgment the faculty of the program makes regarding the probability of the student's success in graduate work. This judgment is usually based on the student's undergraduate and post-graduate academic record and evidence, which varies by program, such as work experience, letters of reference, and aptitude tests. This judgment will be based on the faculty's assessment of the student's current academic abilities.

Some students may be asked to repeat some previous courses, particularly if a considerable time has elapsed since the completion of an applicant's prior studies. Other conditions may also be placed on a student's admission.

Admission as a Degree-Seeking Student

Students seeking a UW-Parkside graduate degree should contact the program they wish to enter for the appropriate application forms. They should submit the form and the non-refundable application fee and arrange to have official transcripts, test scores, and any other data required by their specific program sent to the program office. All material should be received at least four weeks before the time the student wishes to register for courses; some programs have earlier deadlines. Based on the faculty's judgment, the university will notify students whether they are admitted and of any conditions placed on their course of study. Registration materials will be sent to students who have been accepted.

Students applying for admission for graduate study must have a baccalaureate degree from a regionally accredited institution and an undergraduate grade-point average (GPA) acceptable to the program to which they are applying (generally at least 2.75 on a 4.00 basis). Degree candidates must furnish a full set of official transcripts of college-level and post-graduate work as part of the application. If a graduate program requires satisfactory test scores on the Graduate Management Admissions Test or the Graduate Record Examination, applicants must make their own arrangements to take the tests and must pay the appropriate examination fee. For further information and assistance in arranging for these tests, contact the UW-Parkside Advising and Career Center 262-595-2321 or write directly to the Educational Testing Service, P.O. Box 966, Princeton, N.J. 08540.

Admission with Probationary Status

For applicants who do not meet the admission criteria, admission with probationary status may be granted after taking into consideration the applicant's special qualifications and circumstances. Students admitted on probation will be on probation for their first 9 semester credits.

A student who is admitted on probation is required to attain a minimum GPA of 3.00 on the first 9 credits hours of course work completed at UW-Parkside. Students who do not meet the above requirement will be dropped from the program.

Admission as a Non-Degree-Seeking Student

Qualified students who hold a baccalaureate degree from a regionally accredited institution and who meet course prerequisites may be admitted by the program to enroll in graduate courses subject to the availability of space in the course. Special students must go to the program office to be advised. Requirements for admission vary with the program. Special students wishing to change to degree-seeking status must submit the full set of credentials required of all applicants. A maximum of 12 graduate credits earned as a special student may be applied toward a UW-Parkside graduate degree, although individual programs may have their own more-restrictive stipulations.

Consortial Programs

Students seeking to earn a degree in one of the consortial programs are formally the other university's degree-seeking students and will be held accountable for any polices in place at the other university. They should seek admission to the other university's graduate school and degree program. They should also seek admission to UW-Parkside as a non-degree-seeking student (see above). These students take a combination of the other university's and UW-Parkside's graduate courses, all of which are offered at UW-Parkside, and transfer the UW-Parkside courses to the other school.

Audit Students

Subject to the availability of space and the permission of the course instructor, a limited number of audit students may be admitted to graduate courses. Audit students must be admitted and meet the same admission standards as non-degree-seeking, credit students. No grade or credit is given, but a notation that the audit course was completed is made on the student's transcript. Audit-only students are admitted through the same process as special students and also are required to seek advising before registering.

International Students

Students from other countries whose native language is not English are required to provide evidence of English language competence, normally by presenting a degree from an English-speaking university or satisfactory scores on the Test of English as a Foreign Language (TOEFL), administered through Educational Testing Service, Princeton, N.J. 08540, as part of the admissions application. As a general rule, applicants with a computer based score of 213 or Internet based score of 79 are considered to have adequate English ability; those below 213 or 79 will be reviewed more carefully because they may encounter some difficulties with the English language and will usually be asked to complete further study of English before an admission decision can be made.

All students needing student visas to enter or remain in the United States while studying at UW-Parkside must complete additional forms. All forms must be in by May l for September admission or November l for January admission. International students must be aware that if their visa requires them to be a full-time student, then they should confirm that their graduate program would accommodate a full-time schedule.

Undergraduate Students in Graduate Courses

Graduate credit is available only to those who have been admitted as graduate students or to seniors admitted to a joint graduate/undergraduate status. Certain courses have two numbers, depending on whether they are taken for undergraduate or graduate credit. Under special circumstances, undergraduates in their last year may be admitted to courses offered for graduate students, subject to prior approval by their adviser, the course instructor, head of the graduate program, and the graduate dean. Credits earned in the graduate course will count toward the 120 undergraduate credits required for a bachelor's degree. Students who have earned credits in excess of the number needed for a bachelor's degree may petition a graduate program to accept these courses at the time of admission to a graduate program.

Transfer of Graduate Credit

Applicants who have taken graduate courses at another institution must submit official transcripts of this work as part of their credentials. UW-Parkside will accept no more than 12 graduate credits earned at another regionally accredited institution. Only credits earned with a grade of B (3.00 on a 4.00 scale) or higher will be accepted. Individual programs may impose more stringent requirements.

Only credits applicable to the UW-Parkside degree requirements, as determined by the program faculty, will be accepted. Program faculty may request to see textbooks, course syllabi, examinations, etc., in making the determination and may also request the student to take an examination. Students already admitted or enrolled at UW-Parkside must have prior consent from their graduate program faculty in order to take graduate work at another institution and transfer it to UW-Parkside. For further information contact the appropriate graduate program.

GRADUATE POLICIES

Degree Requirements

To receive a master's degree from UW-Parkside, students must meet the following minimum requirements (note that individual programs may impose more stringent requirements):

I. Complete at least 30 graduate credits, of which no more than 12 may be transferred from another institution.
2. Have an overall GPA of at least 3.00 for all graduate work taken at UW-Parkside that is applicable to the degree program.
3. Satisfy all requirements of the graduate degree program. Students may take no more than seven years to complete a degree, beginning with the semester in which they complete their first course as a UW-Parkside degree-seeking graduate student, unless they apply for and receive an extension through the appropriate graduate program. Some programs may impose a shorter time limit. To graduate, students must file a request for graduation. The request form, signed by the student's adviser and filed in the appropriate graduate program office, initiates the final review of the candidate's records. Students must also submit a Degree Summary Request Form/Application to Graduate to the Office of the Registrar. A one-time, non-refundable graduation fee must be submitted with the form. This form must be filed one semester prior to the semester of intended graduation.

Degree with Distinction

Students completing all requirements for the degree with a cumulative GPA of 3.83 or higher will be awarded the master's degree "with distinction."

Transcripts

A transcript is an official record of a student's academic activity. It reflects a student's courses and grades, and it provides other academic data, such as semester and cumulative GPAs, academic status, honors a student may have earned, and degrees a student may have been awarded.

Each institution defines what makes its transcript official. At UW-Parkside, an official transcript is printed on special transcript paper, bears the registrar's signature, the university's seal, and is issued in a sealed envelope. If the envelope is opened before it is submitted to the office for which it is intended, it is no longer considered official. Some institutions and agencies will not accept a transcript as official unless it arrives from the granting institution by mail.

UW-Parkside requires that students seeking admission to the university submit official transcripts from high school and any other colleges they may have attended. Employers, graduate schools and other universities to which students are applying may require an official copy of the student's UW-Parkside transcript.

Under the Family Rights and Education Act of 1974 as amended, the student's record is confidential and UW-Parkside will not release a student's academic transcript without proper authorization from the student.

An official transcript of a student's record is issued only by the Office of the Registrar. UW-Parkside has partnered with Credentials Solutions, Inc. to provide a fast and secure on-line transcript ordering service that is available to our students/alumni 24 hours a day, 7 days a week.

The student can order a transcript at any time, even if there is an outstanding financial obligation to UW-Parkside, however, the request will not be processed until the obligation has been met and the related hold on the student's record is released by UW-Parkside. When a hold is on a student's record when the order is placed, they have 30 days to clear the hold or the transcript request will be purged, requiring the student to submit a new request once the hold has been removed.

Please see the Office of the Registrar webpage for more information about how to order a transcript.

Adding a Course

During the first week of the semester, a student may add any course for which he/she has met the prerequisites. During the second week, appropriate courses may be added with the written consent of the instructor. Beginning the 11th day of classes, a student cannot add a course without written permission of the instructor, the department chair and the dean. The Office of the Registrar will determine comparable deadlines for courses less than a semester in length.

Dropping a Course

A student may drop any course during the first half (i.e., the first eight weeks) of the semester. The Office of the Registrar will determine comparable deadlines for courses less than a semester in length.

Beginning with the ninth week through the twelfth week of the semester a student may request permission to drop a course only for extraordinary, non-academic reasons. Before requesting permission to drop, the student should discuss his/her circumstances with the instructor. Any such request must be submitted to the Office of the Registrar no later than the Friday of the 12th week of instruction. The Office of the Registrar will determine comparable deadlines for courses less than a semester in length. The request must include a written explanation of the circumstances leading to the request.

Requests denied or received after the deadline, may be reviewed by the Academic Actions Committee. Granting of requests by the Academic Actions Committee is not automatic. A student should not assume that his/her request would be granted.

An instructor may request that the registrar drop a student from a course if the student does not meet the stated prerequisites or if the student has not attended the course during the first week of classes and has not notified the instructor. The instructor must submit the request by the date specified on the administrative drop form. However, it is still the student's responsibility to make sure that he/she has been officially dropped from any class.

A student who never attends (or stops attending) a course in which he/she has enrolled and who does not drop the course through the appropriate office will receive a failing grade.

A student who drops a course after the fourth week of a semester will receive a transcript notation of "W." (In the case of module or summer session courses, the W notation will be applied if the drop occurs after one-third of the course period has passed.)

Fees for Dropping a Course

After the 10th day of classes, as student will be charged a $15 per credit fee for dropping classes. The Office of the Registrar will determine the comparable deadlines for courses with less than a semester in length. Refer to the website for more information: www.uwp.edu.

Retaken Courses

A student may retake any course. Only the most recent grade received at UW-Parkside will be used in calculating the UW-Parkside GPA. A course may be counted only once toward the 120-credit graduation requirement. A student may request that a course taken subsequently at another university be counted as a retake for a course taken previously at UW-Parkside. Such a request must be submitted to the appropriate department chair, who may then certify that such a course is equivalent to the course taken at UW-Parkside. If a course taken at another institution is accepted as a retake

for a course taken at UW-Parkside, the grade and credits assigned to the course when taken at UW-Parkside will not be included in the computation of the student's UW-Parkside GPA nor total number of attempted and earned credits. The grade received from the other institution will be included in any computation of GPA on transfer credits.

Repeatable Courses

Repeatable courses are those that may be taken more than once for credit, such as special topics, independent studies, internships, and other selected courses. Courses that may be repeated for credit are designated as such in the course description in this catalog.

Course Prerequisites

A prerequisite is a requirement that a student must have completed prior to enrollment in a specific course and is intended to ensure that a student has the knowledge and experience required for successful course completion. The most common prerequisite is completion of a prior course. Other prerequisites include concurrent registration (i.e., enrollment in a specific course simultaneous with another), placement examinations, and the instructor's consent. Students may enroll in any course for which they have completed the necessary prerequisites or obtained the consent of the instructor. Students who lack the prerequisites but believe they have equivalent backgrounds should consult the instructor before enrolling in a course. A student who enrolls in a course without satisfying the prerequisites and who has not consulted the instructor may be dropped from the class at the instructor's discretion. All prerequisites are listed in the catalog; the semester course schedule also lists course prerequisites as well as those required for enrollment in a particular course section.

Grade Changes

Except in the case of a demonstrated error on the part of the instructor or the Office of the Registrar, a recorded grade will not normally be changed. All grade changes require the approval of the instructor and the department chair. A grade assigned at another institution will not be deleted or changed at UW-Parkside.

Grading Policies

The GPA of graduate students is calculated by determining the total number of quality points earned and dividing by the number of credits attempted. Grading notices are consistent with undergraduate policies except that grades in the D range are not awarded to graduate students. Consult the Programs and Policies section of this catalog for more information about grades and grading policies.

Academic Warning

Graduate students whose GPA falls below 3.00 for all graduate work attempted in any semester will be given an academic warning at the end of that semester.

Academic Probation

Graduate students who have attempted 6 or more graduate credit hours at UW-Parkside and have a cumulative GPA below 3.00 for all graduate work attempted at UW-Parkside will be placed on academic probation. Students on academic probation whose cumulative GPA rises to 3.00 or higher will be removed from probation. In some cases students may be admitted to a graduate program on probation; these students will be removed from academic probation upon completion of 9 or more graduate credits with a cumulative GPA of 3.00 or higher.

Academic Drop Policy

Graduate students who are on academic probation will be dropped from the university under the following conditions:

1. If they have attempted 9 or more graduate credits at UW-Parkside while on probation and have not raised their cumulative GPA for all graduate work attempted at UW-Parkside to 3.00 or higher.
2. If their GPA for graduate work attempted in any semester (including a summer session) falls below 3.00. However, no students admitted on probation will be dropped until they have attempted at least 9 graduate credits at UW-Parkside, regardless of semester GPA.
3. If their academic performance falls below the requirements of the graduate program in which they are enrolled.
4. Any of the provisions above not withstanding, students whose cumulative GPA falls below 2.00 will be dropped from the university. This provision does not require that students be on probation initially and does apply to students admitted on probation who have attempted fewer than 9 credits. Students who are dropped from the university may not be readmitted for one year.

Appeals Procedure for Academic Drop

Students who have been dropped from the university may file a written request for a waiver of the period of dismissal with the appropriate graduate program committee. The committee makes a recommendation through its dean to the graduate dean. Students may make an appeal to the Graduate Studies Committee and are entitled to appear before the committees on their own behalf. Appeals should be based on exceptional circumstances beyond the control of the student. Students who are readmitted on appeal will be placed on academic probation.

Readmission

Students who have been dropped must apply for readmission on the usual graduate application form. Programs may ask these applicants to take an examination such as the GMAT or GRE or furnish other credentials. Applicants for readmission must present evidence to the program that they are now likely to do satisfactory work. Readmitted students are subject to the requirements in effect at the time of their readmission.

Withdrawal from the University

A student may withdraw from the university during the first half of the semester. The Office of the Registrar will determine comparable deadlines for courses less than a semester in length. After withdrawal, no record will be kept of a student's grade in his/her courses for that semester. After the deadline, a student may request permission to withdraw only for extraordinary, non-academic reasons. Any such request must be submitted to the student's program office. The request must include a written explanation of the circumstances leading to the request. Requests will be reviewed periodically by the Graduate Studies Committee. Granting of requests by the Graduate Studies Committee is not automatic. A student should not assume that his/her request will be granted.

Leave Status

Students who do not complete any graduate course within a period of 12 months will be dropped as a graduate student unless they apply for and are granted a leave of absence from graduate work. Dropped students or students exceeding the terms of their leave may apply for readmission to the graduate program.

Accommodation of Religious Observances

In accordance with Wisconsin state law 36.43, UW-Parkside provides for the reasonable accommodation of a student's sincerely held religious beliefs with regard to all examinations and other academic requirements and also provides a means by which a student can conveniently and confidentially notify an instructor of potential conflicts.

A student with a conflict between an academic requirement and a religious observance must be given an alternative means of meeting the academic requirement, subject to the following:

a. To be granted an alternative means of meeting an academic requirement, students must notify their instructors, within the first two weeks of class, of specific days or dates on which they will request relief from an academic requirement. (The instructor must treat this information as confidential.)
b. Instructors are not obligated to provide alternate arrangements for an individual before the regularly scheduled event.
c. Instructors may set reasonable limits on the total number of occurrences claimed by any one student.

Absence from classes or examinations due to religious observance does not relieve students from responsibility for any part of the course work required during the period of absence.

Students who believe they have been denied reasonable accommodation should contact the person identified by the department or academic program to hear such complaints, usually the department chair or academic program director. If the issue is not resolved at the department/program level, students may proceed to the office of the appropriate academic dean and, if it is still unresolved, to the office of the provost.

Course Policies

The normal load for a full-time graduate student is 9 to 12 credits for the fall and spring semesters and 5 or 6 credits for the summer school. For students who work full time, no more than 6 credits in the fall and spring terms and 3 in the summer is advisable. Students enrolling for more than 12 credits during the academic year or 6 credits during summer school must receive prior approval from the appropriate graduate program director.

Waivers and Appeals

Students who wish to obtain a waiver or to appeal an interpretation of an academic regulation should first discuss the matter with the appropriate faculty member or the director of the appropriate graduate program. The graduate dean is also available for advice. To pursue the matter, students should then file a written request with the appropriate graduate program that approves program-specific requirements and recommends actions on others. The Graduate Studies Committee acts upon recommendations involving university-wide regulations or further appeals. Students are entitled to appear before the committee on their own behalf. Requests should be based on exceptional circumstances beyond the control of the student.

Graduate Course Numbering

The Graduate Studies Committee has adopted the following guidelines on course numbering, which parallel those of the undergraduate Course and Curriculum Committee where applicable: 0-299 Level I (freshman and sophomore); 300-499 Level II (junior and senior); 500-699 courses which carry graduate credit, but which can be paired with undergraduate courses. In cases in which both undergraduate and graduate courses meet together, dual numbering (slash courses) is permissible; 300 and 500 numbers and 400 and 600 numbers are commonly associated with each other. In these cases the faculty take care to ensure that their graduate course is appropriately demanding of its students (e.g., extra work demanded for graduate credit). Master's level graduate courses (700-799) are open to graduate students only.

Course Listings

To aid in advising and planning class schedules, each course description reflects its intended frequency of offering. Because programs may sometimes need to alter their schedules, students should consult their adviser and the current course schedule for the latest information.

Access to Student Records (FERPA)

Under the Family Educational Rights and Privacy Act of 1974 (FERPA), students are entitled to review "official records, files, and data directly related to them" which the university maintains. The university has 45 days to comply with the students' written requests to review their records. Students may request a hearing regarding any alleged "inaccurate, misleading, or inappropriate" information in their official records and files. The university will not release information from students records to a third party without the student's written consent except as permitted by section 99.34, (a) (ii) of the Privacy Act. In accordance with this section, the university will forward student records when requested by a school in which the student seeks to enroll.

A challenge to information students deem erroneous or misleading should be made in writing and directed to the dean or director of the appropriate office so that a hearing can be scheduled. In most cases, the decision of the dean or director will be final. If students find the decision unsatisfactory, they may place a statement in their file setting forth any reasons for disagreeing with the decision. A student's right to challenge information of record does not extend to review of grades received unless the grade assigned by the professor was inaccurately recorded in the student's records.

In addition, the FERPA designates "directory information" data that can be published or released routinely by the university to any inquirer. Directory information items are: name; address; telephone number; date of birth; major field of study; participation in officially recognized activities and sports; weight and height of members of athletic teams; dates of attendance to include current classification, and withdrawal dates; degrees and awards received; the most recent education agency or institution attended; initial registration date and e-mail address. Any other information will not be given out without the students' specific written permission except for various legitimate educational -interest or legal reasons.

Students have the right to inform the university that the above listed directory information should not be released without students' prior consent. If students wish to restrict the release of this information, they must complete and submit the appropriate form in the Office of the Registrar. These FERPA holds remain in effect until the students submit a request in writing to remove them.

MASTER OF BUSINESS ADMINISTRATION

Molinaro 344 • 262-595-2280

Professors:
Chalasani, Ph.D.; Ebeid, Ph.D.; Hawk, Ph.D.; Norton, Ph.D.; Rajan, Ph.D.; Wang, Ph.D.; Wright, Ph.D.

Associate Professors:
Baldwin, Ph.D.; Crooker, Ph.D.; Fok, Ph.D.; Gee, Ph.D.; Manion, Ph.D.; Zameeruddin, C.P.A., L.L.M,. J.D.; Zheng, Ph.D.

Assistant Professors:
Dhumal, Ph.D.; Knight, Ph.D.; Kuruvilla, Ph.D.; He, Ph.D.; Ye, Ph.D.

Senior Lecturer
Determan, M.S., C.P.A.; Holmberg-Wright, Ed.D.

Lecturers:
Cholak, M.B.A., J.D., C.P.A.; Gillespie, MBA

Professional Accreditations or Memberships:
The Master of Business Administration program (M.B.A.) is accredited by AACSB International – the Association to Advance Collegiate Schools of Business. Fewer than 5 percent of business programs worldwide and less than 30 percent in the United States meet the rigorous standards of quality set by AACSB International.

Goals of the M.B.A. Program

The goals of the M.B.A. program are to provide a graduate education that develops students' knowledge of critical business issues and current management techniques; and prepares these students for advanced management positions and entrepreneurial ventures. The program covers a variety of concepts and analytical tools. It presumes that a manager must know how to obtain and evaluate relevant information; approach tasks logically, systematically and in teams; analyze problems; arrive at reasonable generalizations; develop creative solutions; work in a diverse environment; and act to achieve concrete results. The M.B.A. program includes examination of the impact of both domestic and global environments on a firm's operation.

The program focus is on the needs of mature students who have the educational background, experience, and degree of intellectual curiosity essential for graduate-level study. The classes are open to master's degree candidates and special students who meet the admission criteria. The M.B.A. degree is typically completed in one-and-a-half to four years. Students can choose to attend on a full-time or part-time basis. All of the M.B.A. courses are offered in the evenings, in a seven-week format. Class delivery is primarily in the classroom, but there is also an opportunity to take several online courses.

Structure of the Program

The M.B.A. program is structured in three components: foundations, required courses, and electives. The foundations include demonstrated knowledge in fundamentals (through examination or course work). Eight courses, totaling 16 credits, make up the required courses of the M.B.A. program. The elective courses are offered on a rotating basis, and each student's program must include a minimum of 16 credits of electives.

Foundation Courses

All candidates must have or obtain knowledge of fundamentals in the following areas: accounting, economics, organizational management, computers, mathematics, operations management, finance, and marketing. The UW-Parkside program offers a graduate-level preparatory foundation course in each of these areas. All foundation/prerequisite course work (undergraduate or graduate) must be completed with a grade of C or better. Students waived out of a foundation course are not required to take a course in its place.

FOUNDATION COURSE	GRADUATE COURSE	UNDERGRADUATE COURSE
College Algebra		MATH 112 (4 cr)
MBA 501	Accounting Foundation for Business Decisions (2 cr)	ACCT 201 (3 cr)
MBA 511	Statistics Analysis Foundation (2 cr)	QM 210 (3 cr)
MBA 515	Operations Management Foundation (2 cr)	QM 319 (3 cr)
MBA 521	Management Information Systems in Business (2 cr)	MIS 320 (3 cr)
MBA 531	Fundamentals of Managerial Finance (2 cr)	FIN 330 (3 cr)

FOUNDATION COURSE	GRADUATE COURSE	UNDERGRADUATE COURSE
MBA 541	Organizational Management Foundation (2 cr)	MGT 349 (3 cr)
MBA 551	Marketing Analysis Foundation (2 cr)	MKT 350 (3 cr)
MBA 560	Microeconomics Foundation (1 cr)	ECON 120 (3 cr)
MBA 561	Macroeconomics Foundation (1 cr)	ECON 121 (3 cr)

Requirements for the Master of Business Administration (32 credits)

Required Courses (16 Credits)

MBA 702 Managerial Accounting ..... 2 cr Spring
MBA 712 Quantitative Methods ..... 2 cr Fall
MBA 715 Advanced Operations Management ... 2 cr Spring
MBA 716 Project Management ..... 2 cr Fall
MBA 732 Corporate Financial Management..... 2 cr Fall
MBA 741 Contemporary Challenges in Managing Organizations..... 2 cr Spring
MBA 752 Marketing Management..... 2 cr Fall
MBA 796 Advanced Strategic Management ..... 2 cr Fall, Spring

MBA 796 should be completed in the last fall or spring semester prior to graduation.

Required course waivers: A student may be waived out of the required graduate course in the functional area in which the student has completed a major (or equivalent). A student waiving out of a required course must take an additional elective course that is approved by the M.B.A. adviser.

Elective Courses (16 Credits)

All students are required to take a minimum of 16 elective credits. Electives are offered in 1, 1-1/2, 2, and 3 credit formats. Some electives are offered via the Internet through the M.B.A. consortium. Up to 6 credits of electives can be taken as independent studies and internships, with no more than 4 credits in each (see MBA 794 and 799 for more information).

Any M.B.A. class above the 500 level and not listed as a required M.B.A. class can be taken as an elective. The elective course offerings include (but are not limited to):

- MBA 718 Global Supply Chain Management
- MBA 725 E- commerce
- MBA 726 Globalization and Technology
- MBA 727 Business Process Redesign and Improvement
- MBA 733 Investments
- MBA 738 Investment Portfolio Management
- MBA 743 Emotional Intelligence
- MBA 744 Management Techniques
- MBA 745 Resilience in Organizations
- MBA 746 Advanced Global Management
- MBA 748 New Venture Formation
- MBA 759 Product Management
- MBA 786 Strategic Human Resource Management

See the course descriptions below for additional information about these classes and descriptions of other MBA electives.

In addition to the classes described in this catalog, additional elective topics are covered through the M.B.A. Consortium and MBA 790: Special Topics. MBA 790 can be repeated for credit. Past topics include:

- Business and Ethics
- Fundamentals of Health Information Technology Management
- Managing Technology in Turbulent Times
- Sustainability and Organizational Management
- Business in East Asia
- Market Response Models and Analytics
- Communicating for Success
- Fundamental Methods of Forecasting
- Assurance Services
- Business Process Simulation
- Project Portfolio Management
- Healthcare Finance and Economics
- Selling Ideas at Work

M.B.A. Consortium

In an effort to offer the foundation and elective courses more frequently, a M.B.A. consortium was developed. The participating universities are UW-Parkside, UW-Eau Claire, UW-Lacrosse, and UW-Oshkosh. Through this collaborative effort, all of the foundation courses (except algebra) are offered every semester via the Internet.

Elective courses are also offered through the consortium. M.B.A. consortium classes taken for elective credit from non UW-Parkside instructors are considered transfer courses and therefore subject to the 12-credit rule (see the Transfer Policy). Eligible courses are identified in the UW-Parkside course schedule. These elective courses will automatically be transferred to UW-Parkside.

See the following website for additional information, http://www.wisconsinonlinemba.org/about/.

Application Procedure

Please check the website for a complete list of admission criteria.

Applicants to the program must submit:

1. A completed application (available online) and a non-refundable application fee
2. Official transcripts from all post-secondary institutions attended, other than UW-Parkside, sent directly to UW-Parkside
3. A resume that details your education and work history
4. Two letters of recommendation
5. An official GMAT score to be sent directly to UW-Parkside (see the M.B.A. website for GMAT waiver criteria)
6. International students must also submit evidence of English proficiency (e.g., TOEFL, IELTS score), transcript evaluations from a foreign credentials evaluation service, and sponsorship form (see the M.B.A. website for additional information)

All application material can be submitted electronically or mailed to:

M.B.A. Program
UW-Parkside
900 Wood Road, Box 2000
Kenosha, WI 53141-2000

Transfer Policy

Graduate-level work completed at other AACSB accredited institutions may be transferred toward the M.B.A. degree at UW-Parkside, subject to the following provisions:

- A maximum of 12 credits may be transferred.
- Only the courses with a grade of B or better can be transferred.
- The student must petition for the transfer upon admission to the program. Transfer credit will be formally granted after the student has successfully completed a minimum of 8 semester hours of graduate-credit work at UW-Parkside.
- The courses that the student is requesting to transfer must form an integral part of the student's proposed program of study.
- An admitted student who plans to take a course at another institution and transfer it must obtain prior permission from the M.B.A. director.
- Exceptions to the above transfer policy, including consideration of transfer of credits from non-AACSB institutions, will be considered through petition to the M.B.A. Committee.

Additional Academic Policies

1. Students delaying entry after admission to the M.B.A. program will be covered under the policies and will have to meet the requirements that are in effect at the time at which they complete their first course toward the M.B.A. program.
2. Students are required to file a "letter of intent" indicating their expected date of graduation with the director of the M.B.A. program at least one semester prior to graduation. In addition students must apply for graduation through the Office of the Registrar.

Graduate Distinction

Students who earn a cumulative graduate grade point average of 3.83 or higher will be graduated with distinction from the M.B.A. program.

Beta Gamma Sigma is the honor society serving business programs accredited by AACSB International. Beta Gamma Sigma faculty members invite qualified business students for membership based on academic excellence.

Master of Business Administration Courses (MBA)

501 Accounting Foundation for Business Decisions..... 2 cr
Prereq: Math and computer competency. Freq: Fall, Spring.
A survey of financial and managerial accounting principles, including the preparation and analysis of financial statements, the use of accounting information in decision making and the acquisition and application of accounting information for managerial planning and control. Not available to students with credit in ACCT 201.

511 Statistical Analysis Foundations..... 2 cr
Prereq: MATH 112 and computer competency. Freq: Fall.
Introduction to descriptive, inferential and analytical statistics; techniques covered include sampling, estimation, hypothesis testing, and simple regression. Not available to students with credit in QM 210.

515 Operations Management Foundation..... 2 cr
Prereq: MATH 112, MBA 511, and computer competency. Freq: Fall, Spring.
Role of the operations function in an organization including production processes, inventory control, scheduling, project management, and quality assurance. Application of these principles in manufacturing and service organizations. Not available to students with credit in QM 319.

521 Management Information Systems in Business..... 2 cr
Prereq: MBA 501. Freq: Fall, Spring.
The capabilities, limitations, and applications of computer hardware and software with emphasis on the information needs of management; IS strategic planning, IS project management, database concepts, networking concepts, and management of the information systems resource. Not available to students with credit in MIS 320.

531 Fundamentals of Managerial Finance..... 2 cr
Prereq: MBA 501. Freq: Fall, Spring.
An introduction to the role of a financial manager including acquiring funds and directing funds to projects that maximize value. Topics include budgeting, financial forecasts, cash management, credit administration, funds procurement, and time value of money. Not available to students with credit in FIN 330.

541 Organizational Management Foundation..... 2 cr
Prereq: None. Freq: Fall, Spring.
An introduction to issues related to managing organizations; topics include the management environment, the roles of managers, factors that comprise an organization's architecture, and managing people. Not available to students with credit in MGT 349.

551 Marketing Analysis Foundation..... 2 cr
Prereq: None. Freq: Fall, Spring.
An overview of marketing and the marketing process as it applies to business and other exchange situations. This course examines how profit and nonprofit organizations identify, research, and evaluate customer needs; select target markets, and create, price distribute, and promote products and services to individuals, organizations, and societies. Not available to students with credit in MKT 350.

560 Microeconomics Foundation..... 1 cr
Prereq: Math competence Freq: Fall, Spring
Develops basic principles of microeconomics, focusing on economic concepts and analysis that are useful In decision-making by individuals and firms in markets. Not available to students with credit in ECON 120.

561 Macroeconomis Foundation..... 1 cr
Prereq: Math competence Freq: Fall, Spring
Develops basic principles of macroeconomics, focusing on economic aggregates such as national output (gross domestic product), the price level, household consumption, business investment, government spending, International trade, unemployment, fiscal and monetary policies.

702 Managerial Accounting ..... 2 cr
Prereq: MBA 501. Freq: Spring.
An in-depth analysis of the role of accounting in the successful management of business enterprises; identification of relevant cost and revenue information for managerial decisions; application of analytical reasoning and formal models to various business problems; topics include responsibility accounting, product costing and project appraisal, standard costs and flexible budgeting, relevant costs for pricing, sales and profit analysis, transfer pricing, and measuring divisional performance.

703 Business Analysis and Valuation ..... 2 cr
Prereq: MBA 501. Freq: Occasionally.
In-depth analysis of how financial statements and accompanying footnotes can be used in assessing organization value; emphasis on recent developments in financial reporting and disclosure practices.

712 Quantitative Methods ..... 2 cr
Prereq: MATH 112, MBA 511, and computer competency.
Freq: Fall.
Advanced inferential and analytical statistical techniques including sampling techniques, analysis of variance, simple and multiple linear regression, time series analysis, and non-parametric procedures.

713 Decision Analysis..... 2 cr
Prereq: MBA 712. Freq: Occasionally.
Analysis of difficult decisions using mathematical modeling and sensitivity analysis; the techniques covered include decision trees, simulation, expected utility and multi-attribute utility.

715 Advanced Operations Management..... 2 cr
Prereq: MBA 511, 515. Freq: Spring.
Reinforces and explores in detail the concepts and techniques of modern operations management. The course uses case studies, simulation, and real life business issues to examine new and emerging trends such as Just-in-Time, Inventory Management, Quality Management, Global Competitiveness, and Sustainability in Operations.

716 Project Management ..... 2 cr
Prereq: MBA 501, 511. Freq: Fall.
The basics of project planning and control, PERT/CRM, work breakdown structure, cost control, matrix organization, resource scheduling and leveling, and outsourcing; project management software will also be introduced.

718 Global Supply Chain Management..... 2 cr
Prereq: MBA 515, 712. Freq: Occasionally.
Basic terminologies, concepts, and state-of-the-art models that are involved in the design, control, and management of supply chain systems. Covers topics such as network planning, inventory management and risk pooling, strategic alliances, ethics, logistics, and sustainability.

723 IT Tools for Managers ..... 2 cr
Prereq: MBA 521. Freq: Occasionally.
The use of IT tools within a management context including data gathering and analysis tools; presentation software; and decision support systems.

724 Website Development..... 2 cr
Prereq: None. Freq: Occasionally.
How organizations use IT resources to implement web strategies; analyze and assess the IT infrastructure used in industries with regard to the organization's IT ability to engage in e-business; some proficiency in using web technologies to design and develop basic web pages.

725 E-commerce..... 2 cr
Prereq: None. Freq: Occasionally.
E-commerce in general; areas covered include e-commerce technology, developing an e-commerce architecture, business-to-consumer e-commerce, planning for e-commerce, and social implications.

726 Globalization and Technology ..... 2 cr
Prereq: None. Freq: Occasionally.
Describes the issues related to international information systems and reviews the possible solutions that lead to successful international applications.

727 Business Process Redesign and Improvement ..... 2 cr
Prereq: None. Freq: Occasionally.
Students will identify an organization (or part of an organization) that needs improvement, analyze the current system, investigate possible IT solutions, redesign the current system and propose a plan to move from the "As-Is" system to the "To-Be" system.

728 Database Systems Development..... 2 cr
Prereq: None. Freq: Occasionally.
Database querying, design, creation, developing applications and reports.

732 Corporate Financial Management..... 2 cr
Prereq: MBA 531. Freq: Fall.
The theory and practice of corporate finance; fundamental ideas such as the time value of money and its role in valuation are emphasized; techniques are then applied to major decision areas that face financial managers: cash-flow analysis and capital budgeting, long-term capital financing, capital structure and dividend policy, working capital management financial ratio analysis, and planning and control related to analyzing financial performances.

733 Investments ..... 2 cr
Prereq: MBA 531. Freq: Occasionally.
An introduction to financial investments, theoretical and applied valuation techniques, and modern investment portfolio theory; emphasis is on equity and fixed-income securities, although options, futures and other investments are also examined; topics include investment alternatives; organization and functioning of securities markets; efficient market hypothesis; modern portfolio theory; fundamental and technical analysis; bond fundamentals; options, warrants, futures; and investment companies.

734 Futures and Options ..... 2 cr
Prereq: MBA 531. Freq: Occasionally.
Futures, options, swaps, exotic options and financial engineering; emphasis will be placed on equity instruments although short and long-term interest bearing instruments will also be discussed.

735 International Financial Management ..... 2 cr
Prereq: MBA 732. Freq: Occasionally.
Introduce and discuss the principals of international finance and foreign exchange risk management for multinational corporations. Topics covered include international flow of funds, foreign exchange rates, currency derivatives, foreign exchange risk, and hedging.

736 Shareholder Value Management ..... 1 cr
Prereq: MBA 531. Freq: Occasionally.
Examination of the most popular SVM models in use today, including the free cash-flow method, the economic value added/market value added method, and the cash flow return on investment approach; in addition, the course will look at how managers determine the best model for their organizations.

737 Cash Management ..... 2 cr
Prereq: MBA 531. Freq: Occasionally.
This course examines current institutional procedures and practices, and analytical models relevant to short-term financial decisions.

738 Investment Portfolio Management ..... 2 cr
Prereq: MBA 733. Freq: Occasionally.
This course will deal with the theory and practice of evaluating investments with an emphasis on developing skills for appraising the value of equities and fixed-income securities. A comprehensive Internet financial markets trading simulation provides experience in the theory and practice of securities trading and portfolio management.

741 Contemporary Challenges in Managing Organizations ..... 2 cr
Prereq: MBA 541. Freq: Spring.
Traditional theories and contemporary managerial perspectives to optimize organizational effectiveness. Overview of theories and practical applications using case studies, current literature, lecture, group discussion, and projects. Topics include leadership, motivation and performance, decision making and empowerment, organization climate, culture and change, individual human processes, and overall global management.

742 Leadership: Theory, Application, and Skill Development 2cr
Prereq: None. Freq: Occasionally
Focuses on the demands of organizational leadership and enhances the student's ability to be a successful leader. Examines theories, strategies, and approaches to leadership. The effect of globalization and the role of ethics on leadership are also explored.

743 Emotional Intelligence ..... 2 cr
Prereq: MBA 541. Freq: Occasionally.
Theory and science behind emotional intelligence, the ability to recognize one's own feelings, as well as those of others, so as to manage emotions and relationships. Study and application of the component emotional intelligence competencies vital to managing self and others in order to create effective performance and success in the workplace.

744 Management Techniques ..... 2 cr
Prereq: MBA 541. Freq: Occasionally.
This course is designed to improve management skills, including stress management, oral and written communication, team building, leadership, motivating and empowering others, and conflict management.

745 Resilience in Organizations ..... 2 cr
Prereq: MBA 541. Freq: Occasionally.
The ability to remain positive under challenging conditions and emerge strengthened is a function of an organization's culture, as well as an employee's individual character; strategies for reducing risk, increasing protective factors and enhancing coping, with an emphasis on identifying and supporting strengths.

746 Advanced Global Management ..... 2 cr
Prereq: None. Freq: Occasionally.
Focuses on managing and coordinating diverse workers across national boundaries. Complex international management concepts and issues in the dynamic global business environment will be explored. Case studies and current managerial dilemmas will be analyzed as different cultures, business customs, economic systems, demographic changes, and technological advances are considered.

748 New Venture Formation ..... 2 cr
Prereq: None. Freq: Occasionally.
Explore the process by which entrepreneurs recognize opportunities, plan, and launch new businesses; course involves extensive casework and the development of a start-up business plan as an illustration of principles learned.

749 Seminar on Executive Management ..... 2 cr
Prereq: Depends on instructor and specific course subject.
Freq: Occasionally
Taught by an executive level manager. Explores current challenges of executive management and leadership in complex organizations. Subject matter varies depending upon executive teaching the class. May be repeated for credit with approval of M.B.A. director.

752 Marketing Management ..... 2 cr
Prereq: MBA 501, 551. Freq: Fall.
Using case analysis, the course focuses on the various kinds of problems in marketing that the modern decision maker must resolve. The interrelationship of marketing and other business functions is emphasized. Decision areas studied include research, product, distribution, pricing and communication within a variety of organizational settings. Topics include buyer behavior, the macro and international environment, organizational goals, and social/ethical implications of marketing decisions.

753 Integrated Marketing Communications ..... 2 cr
Prereq: MBA 551. Freq: Occasionally.
A review of the many aspects of advertising, promotions, and personal selling from the perspective of market management; course content includes development of an integrated -marketing communications program as an illustration of principles learned.

754 Online Market Research ..... 2 cr
Prereq: MBA 551. Freq: Occasionally.
Apply multidisciplinary approach to research a product and market segment of interest. Develop skills in finding, assessing, and using online marketing information.

756 Buyer Behavior ..... 2 cr
Prereq: MBA 551. Freq: Occasionally.
Theoretical and applied research and concepts in buying decision processes are covered pertinent to individuals, households, businesses, and other institutions; discussions relating to development, implementation, and evaluation of marketing strategies, including implications for e-commerce.

757 Sales and Key Account Management ..... 2 cr
Prereq: MBA 551. Freq: Occasionally.
Reviews theory and best practices related to sales and key account management. Includes discussion of motivation and incentives, selection, recruitment, and major account strategy.

759 Product Management ..... 2 cr
Prereq: MBA 551. Freq: Occasionally.
An examination of the process of developing new products and services and managing existing offerings in a -competitive market environment; includes many real cases as illustrations of principles learned.

772 Legal Framework and Issues of Business ..... 2 cr
Prereq: None. Freq: Occasionally.
An examination of the relationship of law to business; examines this relationship from a broad perspective studying the legal impact of all levels of government on all levels of the organization; statutory and case law will be studied in the areas of taxation, antitrust, employment, labor management relations, the environment and consumer protection.

786 Strategic Human Resource Management ..... 2 cr
Prereq: MBA 541. Freq: Occasionally.
Using human resource management systems to create and sustain competitive advantage; emphasis on an integrative framework that requires linkage between, as well as consistency among, functional HR activities and their alignment with and reinforcement of the organization's competitive strategy.

787 Staffing Organizations ..... 2 cr
Prereq: MBA 541, 712. Freq: Occasionally.
Planning for, recruiting, selecting and retaining an organization's labor force in the context of the staffing environment (e.g., EEO laws and regulations, the economy and labor markets) using necessary tools (e.g., statistical measurement).

788 Improving Employee Performance ..... 2 cr
Prereq: MBA 541. Freq: Occasionally.
Examines performance management methods and applicable motivation theories that managers can apply to encourage employees to maximize their current and future job performance. Emphasis on reinforcement theory to shape work behaviors.

790 Special Topics ..... 1-3 cr
Prereq: Dependent on subject matter. Freq: Occasionally.
An elective course dealing with special topics in the -functional areas of business; subject varies but may include topics such as market research, labor/management relations, social responsibilities/ethics, applied multi-variant statistics, management techniques, issues in financial accounting, financial analysis, and information systems evaluation and management. See current course schedule. May be repeated with change in topic.

791 International Business ..... 2 cr
Prereq: MBA 501, 551. Freq: Occasionally.
Examines important global issues concerning companies and other organizations transacting business across borders. Topics include international supply chains, marketing globally, and cultural, political, legal, and economic environments.

792 Business Projects ..... 2 cr
Prereq: MBA 716 or consent of instructor. Freq: Occasionally.
Provides the opportunity for students to conduct a variety of forms of business projects including business plans, marketing plans, marketing research, and start-up plans for a business client. The course is conducted under the auspices of the SEG Center, and uses SEG facilities and project management guidelines. May take the course two times for credit.

793 Competitive Decision Making ..... 2 cr
Prereq: MBA 702. Freq: Spring.
An advanced learning experience in business decision making through the use of an online business simulation, performance analysis, final presentations, and class participation. Students will make a series of decisions about R&D, marketing, production, total quality management, human resources, and financial management in an integrated business environment. The focus is mostly decision making for a virtual company with class discussion of results and extensive feedback.

794 Internship ..... 1-3 cr
Prereq: Consent of instructor. Freq: Fall, Spring.
Designed to provide actual or quasi on-the-job learning experiences in which a student works with a single sponsoring organization under the supervision of a faculty member. Students may not use their current employment for internship credit. A maximum of 4 credits of internship, and total of 6 credits of internship plus independent study, can be applied toward M.B.A. degree completion. Credit/no-credit grading basis.

796 Advanced Strategic Management ..... 2 cr
Prereq: Any four of these five courses: MBA 702, 715, 732, 741, and 752. Freq: Fall, Spring.
Focus on strategic management as an essential function for all types of organizations and firms; the study and application of advanced strategic management concepts are emphasized in this capstone course, particularly business-level and corporate-level strategy formulation, implementation, and control.

799 Independent Study and Research ..... 1-3 cr
Prereq: Consent of instructor. Freq: Fall, Spring.
Provides the student an opportunity to work on an independent research study or project under the guidance of a faculty member. The topic, required work, and evaluation method are approved by the faculty member supervising the project and the director of the M.B.A. program. A maximum of 4 credits of independent study, and total of 6 credits of internship plus independent study, can be applied toward M.B.A. degree completion.

MASTER OF SCIENCE IN APPLIED MOLECULAR BIOLOGY

Greenquist 344 • 262-595-2744

Degree Offered:
Master of Science.

Participating Faculty from Biological Sciences Department

Associate Professors:
Barber, Ph.D.; Higgs, Ph.D., (chair); Mayer, Ph.D.; Pham, Ph.D.; Thomson, Ph.D.

Assistant Professors:
Lee, Ph.D.; Noto, Ph.D.; Preuss, Ph.D.; Richards, Ph.D.; Rogers, Ph.D.; Taft, Ph.D.

Lecturers:
MacWilliams, Ph.D.

Participating Faculty from Chemistry Department

Associate Professor:
Wood, Ph.D.

Goals of the Program

The program provides advanced training in the theory and application of molecular biology, in conjunction with supervised independent research culminating in a research thesis. Graduates perform at an advanced technical level in biotechnology and related industries or continue their education in Ph.D. or professional programs.

The faculty of the Master of Science in Applied Molecular Biology Program have active research programs in the following areas: prokaryotic and eukaryotic gene expression, genome organization, gene structure and DNA-protein interaction, microbial pathogenesis, insect genetics and molecular biology, molecular evolution, phylogenetic analysis, reproductive physiology, enzymology, and protein biochemistry.

Course of Study

There are two routes to a master of science degree in applied molecular biology: (a) a two-year graduate program in which students with a B.S. degree in biology, biochemistry, chemistry, or one of the life sciences may enroll; (b) a five-year combined B.S./M.S. program into which UW-Parkside undergraduates in the molecular biology and bioinformatics major are accepted at the end of their third year. At the end of their fourth year, these students receive a B.S. in molecular biology and bioinformatics.

Requirements for the Master of Science in Applied Molecular Biology (30 credits)

PLAN A: TWO-YEAR GRADUATE PROGRAM

The curriculum is divided into three components: the core, electives and thesis. A minimum of 30 graduate credits (courses numbered 500-799) are required for the degree. Some graduate courses are cross-listed with undergraduate offerings (courses numbered 300-499). These are marked with an asterisk (*) in the list below. Courses taken at the undergraduate level cannot be repeated.

Required Core Courses (7 credits)

BIOS 675	Advanced Molecular Biology	3 cr
BIOS 731	Seminar in Molecular Biology	4 cr

Electives Courses (6-8 credits)

Students must complete a minimum of 6 elective credits. Electives must be approved by the student's thesis committee. Electives will be chosen to complement the student's previous education and experience, and to support the student's educational and career goals.

Choose two courses:

BIOS 611	Molecular Microbiology	3 cr
BIOS 614	Molecular Evolution*	3 cr
BIOS 653	Molecular Biology and Bioinformatics of Nucleic Acids*	4 cr
BIOS 655	Protein Biochemistry and Bioinformatics *	4 cr
BIOS 680	Bioinformatics Programming*	4 cr
BIOS 690	Adv. Topics in Molecular Biology	1-4 cr
BIOS 699	Independent Study	3 cr
CHEM 620	Advanced Biochemistry*	3 cr

Thesis Requirement (15-17 credits)

Students are required to complete a research thesis. Students enroll in BIOS 711 for 17 credits or less depending on the number of elective credits. Fulfillment of the thesis requirement depends upon satisfactory completion, documentation, and oral presentation of the thesis research, as judged by the student's thesis committee.

PLAN B: COMBINED B.S./M.S. PROGRAM

Students in this program meet Plan A requirements with the following modifications: only 2 credits of BIOS 731 are required; research completed to meet the undergraduate senior thesis requirement may be applied to completion of the M.S. thesis. A minimum of 30 graduate credits (courses numbered 500-799) are required for the degree. Elective course requirements are defined by each student's thesis committee.

Admission Requirements

Plan A: Two-year Program

To qualify for admission an applicant must have:

I. B.S. or B.A. degree from a regionally accredited institution.

2. Grade point average (GPA) of at least 3.00 in their major (4.00 basis).

3. Satisfactory Graduate Record Examination scores.

4. Completed the following courses, or their equivalents:

Chemistry: two semesters of general chemistry, two semesters of organic chemistry.

Biology: two semesters of introductory biology with laboratory, one semester of genetics, one semester of biochemistry, one semester of molecular biology with laboratory, and one additional upper level laboratory course.

Physics: two semesters of physics.

Mathematics: two semesters of calculus, or one semester of calculus and one semester of discrete mathematics or probability.

Plan B: Combined B.S./M.S. Program

Students in the molecular biology and bioinformatics B.S. program can apply for admission to the M.S. program in the spring of their junior year. To qualify for admission an applicant must have:

I. Cumulative GPA of at least 3.30 (4.00 basis).

2. Approval of the Molecular Biology Programs Committee.

Application Procedure

Application materials may be obtained from the Applied Molecular Biology Program Office, Biological Sciences, UW-Parkside, 900 Wood Road, P.O. Box 2000, Kenosha, WI 53141-2000. Applications may also be made on our website. To apply to the program a student must submit the following:

I. A completed application form.

2. A non-refundable application fee, payable to UW-Parkside.

3. GRE scores and official transcripts sent directly to the Master in Science in Applied Molecular Biology Program office by each undergraduate and post-graduate institution the applicant attended.*

4. Curriculum vitae.*

5. Three letters of recommendation.*

6. (Optional) Additional materials such as those listed below for applicants seeking probationary admission.

* Items marked with an asterisk are not required for students completing their B.S. degree at UW-Parkside.

International students whose native language is not English are required to meet the additional requirements in the section "International Students" (use the index of this catalog to find this information).

Admission on Probation

Under unusual circumstances a program faculty member may recommend probationary admission for an applicant who has not met all admission requirements, provided other substantial evidence of capacity to do satisfactory graduate work is presented. This evidence could include letters of recommendation and/or evidence of work experience related to the program. Students missing one or more prerequisites or courses will be considered for probationary admission. Deficiencies must be made up by the end of the first year of enrollment.

Financial Assistance

Stipends (research assistantships, traineeships) are available to a limited number of students; most cover only part of the cost of attendance.

Continuation

1. The Master of Science in Applied Molecular Biology Program requires a cumulative GPA of 3.00 (B) or better in all graduate courses taken in the program unless conditions for probationary status require higher grades.

2. With approval of the department's graduate committee, students with a grade of C in a graduate course may be allowed to continue. However, a maximum of two C's is allowed.

3. Students who have finished all course and credit requirements (30 credits) and are still working on a thesis project require a continuous registration of at least l credit each fall and spring semester. Students who have not maintained continuous registration must apply for reinstatement.

4. Students should select a faculty adviser at the time of matriculation or at least by the end of the first semester. With the assistance of the adviser, the student will formulate a research problem. The adviser will provide space, equipment and supplies, and technical assistance when possible. By the end of the first semester, the student should select a thesis committee that consists of the faculty adviser and two other faculty members. The thesis committee provides oversight of the student's research progress and approves the student's course of study. The program culminates in a written thesis that thoroughly documents the research activity, and an oral presentation open to the public.

Time Limit

It is expected that most students will complete the degree within two years. A candidate for the M.S. degree who fails to complete the degree within three years will be placed on probation for one semester before being dropped from the program. Exceptions to this limit require authorization by the Molecular Biology Programs Committee.

Transfer Student Admissions

Transfer applicants who are admitted to the Master of Science in Applied Molecular Biology Program receive a statement of advanced standing indicating which courses have been accepted from the previous institutions and how they equate to UW-Parkside courses; the statement also identifies their adviser. Students should contact their adviser as soon as possible after receiving the statement of advanced standing. Generally, students are allowed to transfer up to 12 credits of graduate work from regionally accredited institutions.

Biology (BIOS) Courses in Applied Molecular Biology

503 Microbiology ..... 4 cr
Prereq: BIOS 101, 102, CHEM 322, or consent of instructor. Freq: Spring.
Advanced investigation into microbial structure and growth, microbial genetics, microbial pathogenesis, medical microbiology, and microbial ecology. Three-hour lecture; one three-hour lab.

509 Molecular Biology ..... 3 cr
Prereq: BIOS 260, CHEM 322 or consent of instructor. Freq: Spring.
Regulation of DNA, RNA, and protein synthesis and the control of the synthesis of other macromolecules. Three-hour lecture/discussion.

611 Microbial Physiology and Diversity ..... 3 cr
Prereq: BIOS 303 or consent of instructor. Freq: Alternate years.
Explores diverse molecular mechanisms of microbial physiology. Topics include microbial regulation of gene expression, metabolism, behavior, symbiosis, and applications to biotechnology. Three-hour lecture/discussion.

614 Molecular Evolution ..... 3 cr
Prereq: BIOS 309 (or 509) or 314, or consent of instructor. Freq: Alternate Springs.
The evolution of nucleic acids and proteins. Five major topics are considered in turn: genetic variability; the causes of molecular evolution and the neutral theory; methods of detecting genetic variability; the use of molecular markers for estimating phylogeny; and the evolution of genome structure. Three-hour lecture/discussion.

653 Molecular Biology and Bioinformatics of Nucleic Acids ... 4 cr
Prereq: BIOS 260, 309, and consent of instructor. Freq: Fall.
Covers techniques and theory of nucleic acid isolation (DNA and RNA) and analysis including laboratory and computational methods. Includes common laboratory methods for isolating and characterizing nucleic acids. Eight-hour lecture/lab.

655 Protein Biochemistry and Bioinformatics ..... 4 cr
Prereq: BIOS 260, 309, and consent of instructor. Freq: Spring.
Practical experience in protein expression, purification, and characterization with emphasis on enzymology and use of computer programming for development of relevant bioinformatics applications. Eight-hour lecture/lab.

675 Advanced Molecular Biology ..... 3 cr
Prereq: BIOS 260, 309 or 509; and consent of instructor. Freq: Yearly.
In-depth coverage of selected research topics in molecular biology, including DNA replication, transcription, translation, and other current topics. Three-hour lecture.

680 Bioinformatics Programming ..... 4 cr
Prereq: BIOS 260, 309 (or 509), and consent of instructor. Freq: Occasionally.
This course focuses on implementation of programming languages, data structures, and data management strategies for bioinformatics applications. Lectures and computer-based exercises emphasize both theory and analysis of genomic and proteomic data. Three-hour lecture; three-hour lab.

699 Independent Study ..... 1-3 cr
Prereq: Consent of instructor. Freq: Fall, Spring.
Advanced study performed under the supervision of a regular faculty member. Suitability as an elective for the master's of applied molecular biology is determined on a case-by-case basis by the MAMB program committee.

711 Thesis ..... 1-9 cr
Prereq: Consent of instructor. Freq: Fall, Spring.
Dissertation for master of science in applied molecular biology. Graded on a credit/no-credit basis.

731 Seminar in Molecular Biology ..... 1 cr
Prereq: BIOS 309 (or 509) and consent of instructor. Freq: Fall, Spring.
Research reports, special topics, and reports from recent literature in molecular biology or biotechnology. Graded on a credit/no-credit basis.

Chemistry (CHEM) Courses in Applied Molecular Biology

620 Advanced Biochemistry ..... 3 cr
Prereq: BIOS 240 or CHEM/BIOS 307 or CHEM 324 or consent of instructor. Freq: Spring (even years).
Advanced topics in biochemistry including thermodynamics, protein structure, and enzyme kinetics and mechanisms. Not open to students with credit in CHEM 410.

MASTER OF SCIENCE IN COMPUTER AND INFORMATION SYSTEMS

Molinaro 248 • 262-595-2314

Degree offered:
Master of Science.

Participating faculty from the Computer Science Department

Associate Professors:
Hansen, Ph.D.; Lincke, Ph.D.; Quevedo, Ph.D.

Assistant Professors:
Riley, Ph.D.

Participating faculty and staff from the Business Department

Professors:
Chalasani, Ph.D.; Hawk, Ph.D.

Associate Professors:
Baldwin, Ph.D.; Zheng, Ph.D.

Goals of the M.S. in Computer and Information Systems Program

The Master of Science in Computer and Information Systems (MSCIS) program is intended to increase the supply of high quality information technology professionals and to contribute to the professional advancement of employees in the information technology workforce. The degree program draws on the strengths of UW-Parkside's faculty and computing resources in both computer science (CS) and management information systems (MIS). Graduates of this program will have up-to-date information technology knowledge and skills, and practical experience with information systems development and deployment.

All MSCIS graduates will be able to:

- Participate in the justification, specification, design, development, and implementation of modern enterprise systems for an organization, including ERP systems and knowledge management systems.
- Design, develop, test, and implement software using industry leading practices.
- Develop a project plan and successfully lead a project team using the project plan.
- Design and implement organizational and IT control mechanisms that lead to a reliable and secure information system.
- Develop long range IT plans including strategic and personnel plans.
- Analyze a problem from a research/modeling perspective.

Requirements for the Master of Science in Computer Information Systems (30 credits)

To achieve the above goals, MSCIS students must complete prerequisite requirements (up to 20 credits that can be waived with undergraduate equivalent courses) and 30 credits distributed as follows: 15 credits of required course work, 3 additional credits in software development, 2-3 additional credits in information technology management, and 9-10 credit hours in a specialization track. Specialization tracks include software development, information technology management, project management, research/modeling methods, and cyber-security. With approval from the MSCIS steering committee, students may also design their own specialization tracks. A thesis option is available for those students who would like to eventually pursue a doctoral degree. The requirements and the classes in each track are specified below:

A. Prerequisites (0-20 credits, depending on background)

Programming proficiency (requirement depends upon results of a placement exam).

CSCI 241 Computer Science I..... 4 cr
CSCI 242 Computer Science II..... 4 cr

Probability statistics (waived with a grade of C or better in an undergraduate or graduate equivalent course)

QM 210 or CSCI 309 ..... 3 cr

Database management (waived with a grade of C or better in an undergraduate or graduate equivalent course)

MIS 328 or CSCI 380..... 3 cr

Computer systems/data communications (waived with a grade of C or better in an undergraduate or graduate equivalent course)

MIS 327 or CSCI 477 or CSCI 370..... 3 cr

Accounting (waived with a grade of C or better in an undergraduate or graduate equivalent course)

ACCT 201	Financial Accounting	3 cr

B. Required Courses (15 credits)

MSCIS students must complete the following courses.

MBA 716	Project Management	2 cr
CIS 721	Enterprise Systems	3 cr
CIS 774	Modern Software Architectures	3 cr
CIS 779	Information Systems Security	3 cr
CIS 795	Research Methods in CIS	3 cr
CIS 798	CIS Seminar	1 cr

C. Knowledge Area Courses (15 credits)

The MSCIS courses are divided into five knowledge areas, software development, information technology management, information technology project management, cyber-security, and research and modeling methods.

1. (5-6 credits) Students must complete at least one additional course in software development and one additional course in information technology management.
2. (9-10 credits). Students must select a knowledge area and complete 9-10 additional credits within that area. Six credits of independent study related to a project or thesis may be used to satisfy this requirement.

A course cannot be used to satisfy the requirements in more than one category. The classes must be approved by the MSCIS adviser. A maximum of two 500-level courses will be accepted for the graduate degree.

Software Development

CIS 533	Programming Languages	3 cr
CIS 540	Data Structures and Algorithm Design	3 cr
CIS 570	Operating Systems	3 cr
CIS 605	Artificial Intelligence	3 cr
CIS 620	Computer Graphics	3 cr
CIS 621	Computer Vision	3 cr
CIS 623	Programming Mobile Devices	3 cr
CIS 622	Multimedia Systems	3 cr
CIS 640	Compiler Design & Implementation	3 cr
CIS 644	Event-Driven Programming	3 cr
CIS 675	Software Engineering – Design	3 cr
CIS 676	Software Engineering – Project Management	3 cr
CIS 677	Computer Communications and Networks	3 cr
CIS 680	Advanced Databases	3 cr
CIS 745	Web Programming	3 cr

Information Technology Management

CIS 626	Information Systems Policy and Strategy	3 cr
CIS 642	Project Management Simulation	3 cr
CIS 723	Management of Electronic Commerce	2 cr
CIS 727	Business Process Redesign and Improvement	2 cr
MBA 515	Operations Management Foundations	2 cr
MBA 715	Advanced Operations Management	2 cr

Information Technology Project Management

CIS 625	System Analysis and Design	3 cr
CIS 676	Software Engineering – Project Management	3 cr
MBA 744	Management Techniques	2 cr

Cyber-Security

CIS 624	Advanced Business Data Communications	
OR		
CIS 677	Computer Communications and Networks	3 cr
CIS 645	Web Security	3 cr
CIS 678	Network Security	3 cr
CIS 690/790	Special Topics in CIS (related to Cyber-Security)	3 cr

Research and Modeling Methods (min. 2 credits)

MBA 712	Quantitative Methods	2 cr
MBA 713	Decision Analysis	2 cr
CIS 781	Modeling and Optimization Methods	2 cr
CIS 690	Special Topics (related to research or modeling)	3 cr
CIS 790	Advanced Special Topics (related to research or modeling)	3 cr

Admission Requirements and Application Procedure

To qualify for admission into the MSCIS program, an applicant must submit to the CS Department office:

MSCIS Program
Computer Science Department
University of Wisconsin-Parkside
900 Wood Road
P.O. Box 2000
Kenosha WI 53141-2000

1. A completed application form, along with the application fee payment. The application form can be found online at: https://apply.wisconsin.edu/
2. Official transcripts of all undergraduate and graduate course work, sent directly to the Computer Science Department office. A bachelor's degree from an accredited institution with an undergraduate GPA (UGPA) of at least 3.0 on a 4.0 scale is required.
3. GRE or GMAT scores sent directly to the Computer Science Department office. The GMAT score + 200 times the UGPA must exceed 1000, or the sum of the GRE quantitative and verbal scores must exceed 300 and the analytical writing score must be 4 or higher.
4. A letter of application outlining the applicant's professional goals.
5. Two letters of recommendation sent directly to the Computer Science Department office.

6. International students must also submit a sponsorship form and a transcript evaluation. International students whose native language is not English must submit evidence of English proficiency, normally by presenting a satisfactory score on the TOEFL or IELTS exam.
7. Additional materials in support of the applicant, as appropriate.

Contact the Computer Science Department office for information about application deadlines.

At the discretion of the program faculty, students with minor deficiencies in items 2 and 3 may be conditionally accepted into the MSCIS program if they can otherwise demonstrate significant potential for success.

Grade Point Average Requirement

Students must maintain a minimum GPA of 3.0 in all course work required for the MSCIS degree to continue and complete in the degree program.

Disruption of Studies

Students are expected to complete MSCIS degree requirements in two to three years, depending on preparation. An MSCIS degree candidate who fails to complete the degree within five years after admission will be dropped from the program. A degree candidate who does not enroll in an MSCIS course within a period of 12 months must apply for readmission.

Transfer Students

Students may transfer up to 12 credits of graduate work taken at another institution, subject to equivalence with MSCIS courses. Only courses with a grade of B (3.0 on a 4.0 scale) or better will be accepted. Transfer courses are not counted toward the UW-Parkside GPA requirement of 3.0 in MSCIS course work.

M.S. in Computer and Information Systems Courses (CIS)

533 Programming Languages ..... 3 cr
Prereq: CSCI 242 and consent of instructor. Freq: Spring.
Introduction to the syntax and semantic issues in programming languages and their effect on language implementation. This includes methods to specify languages, data storage, and the sequence of control in programs. Non-procedural languages, including functional and logic languages, will be examined. Not open to those with credit in CSCI 333.

540 Data Structures and Algorithm Design ..... 3 cr
Prereq: CSCI 242 with B or better, or consent of instructor.
Freq: Spring.
Study of the design, implementation and analysis of computer algorithms; time and space requirements for sorting, searching, graph theory, mathematics and string processing algorithms. Not open to those with credit in CSCI 340.

570 Operating Systems ..... 3 cr
Prereq: CSCI 242 with B or better. Freq: Fall.
Operating system concepts, process definition and implementation, deadlock, memory management and protection, distributed system architecture, and case studies. Not open to those with credit in CSCI 370.

605 Artificial Intelligence ..... 3 cr
Prereq: CSCI 333 or CIS 533 or consent of instructor.
Freq: Occasionally.
Introduction to Artificial Intelligence (AI) techniques that include search, game playing, and knowledge representation. Specific sub-disciplines of AI including natural language processing and neural networks. Programming assignments in both Prolog and LISP. Not open to those with credit in CSCI 405.

609 Human-Computer Interfaces ..... 3 cr
Prereq: Consent of instructor. Freq: Occasionally.
A survey of the field of human-computer interaction including the user interface development process, human memory, perception, and motor abilities as they relate to user interface design. Qualitative overview of descriptive and inferential statistics. Students design a low-tech prototype of a user interface (user and task analysis, design and evaluation). Not open to those with credit in CSCI 409.

620 Computer Graphics ..... 3 cr
Prereq: CS 340 or CIS 540 or consent of instructor.
Freq: Occasionally.
Graphics hardware and software, techniques for representation and visualization, two- and three-dimensional transformations, concepts and techniques of visual realism. Not open to those with credit in CSCI 420.

621 Computer Vision ..... 3 cr
Prereq: CSCI 340 or 333; or CIS 540 or 533. Freq: Occasionally.
Review of algebra of matrices and partial differentiation. Introduction to Machine Vision and Image Processing including image formation, thresholding, image filtering, edge detection, image segmentation, image data compression, image similarity and some dynamic vision. Not open to those with credit in CSCI 421.

622 Multimedia Systems ..... 3 cr
Prereq: Consent of instructor. Freq: Occasionally.
Principles and design of multimedia systems; implementation of multimedia algorithms; current multimedia technologies. Not open to those with credit in CSCI 422.

623 Mobile Device Programming ..... 3 cr
Prereq: CSCI 333 with C or better, or consent of instructor.
Freq: Occasionally.
Examination of existing tools, environments and programming languages for developing applications for mobile devices. Exploration of current research on mobile applications and future trends.

624 Advanced Business Data Communications ..... 3 cr
Prereq: MIS 327 or CSCI 477. Freq: Fall.
Fundamentals of transmission protocols and network services. Setting up and configuring network protocols, routing, security, and networking services such as name resolution and dynamic addressing. Lab exercises and case studies. Not open to those with credit in MIS 424. This course may be offered online.

625 System Analysis and Design ..... 3 cr
Prereq: MIS 328 or CSCI 380. Freq: Spring.
System development using the life cycle, rapid application development, prototyping, software acquisition, structured and object-oriented techniques and project management. Not open to those with credit in MIS 425. This course may be offered online.

626 Information Systems Policy and Strategy ..... 3 cr
Prereq: Consent of instructor. Freq: Fall.
The management of Information Technology (IT) and Information Systems (IS) from the perspective of upper management, covering IT strategic planning, IS organizational structures, human resource planning, and control structures. Cases, executive presentations, and project work included.

640 Compiler Design and Implementation ..... 3 cr
Prereq: CSCI 333 or CIS 533. Freq: Occasionally.
Theory, design and implementation of compilers and other syntax-directed systems. Applies techniques of finite state machines, lexical analysis, symbol tables, parsing, storage allocation and code generation to the development of a compiler. Laboratory work included. Not open to those with credit in CSCI 440.

641 Advanced Project Management Tools and Techniques ..... 3 cr
Prereq: PMGT 341 or MBA 716 or CIS 676. Freq: Yearly.
Covers advanced tools and technologies of project management, including Microsoft Project, Microsoft Excel, Work Breakdown Structure (WBS), budgeting a project, scheduling a project using PERT/CPM, allocating scare resources, critical chain and critical path, resource leveling, monitoring the project costs, evaluating and terminating a project. Not open to those with credit in PMGT 441.

642 Project Management Simulation ..... 3 cr
Prereq: PMGT 341 or MBA 716 or CIS 676. Freq: Yearly.
Topics include project scheduling, risk analysis, earned value and teamwork. Students apply project management skills to a simulated or live project, develop project justification and project plan, and execute the project plan and track performance. Not open to those with credit in PMGT 442.

644 Event-Driven Programming ..... 3 cr
Prereq: CS 370 or CIS 570 or consent of instructor. Freq: Occasionally.
Origins of events; the event-driven programming model; interrupt processing as event handling; client-server architectures; windowing environments and GUI programming; development support software; and case studies. Project work included. Not open to those with credit in CSCI 444.

645 Web Security ..... 3 cr
Prereq: CSCI 242 or consent of instructor. Freq: Occasionally.
Vulnerabilities of web languages, interfaces, servers and databases. Identifying and avoiding vulnerabilities with shopping carts, HTTP/HTTPS and the URL. Detecting and preventing hacking techniques such as cyber graffiti, e-shoplifting, impersonation, buffer overflows and cross-site scripting. Not open to those with credit in CSCI 445.

675 Software Engineering-Design ..... 3 cr
Prereq: CSCI 242 with B or better, or consent of instructor. Freq: Fall.
An introduction to UML design and teamwork in the development of a larger software system. The use of UML use case, activity, class/object, interaction, and state diagrams in the creation of efficient designs and systems. Not open to those with credit in CSCI 475.

676 Software Engineering-Project Management ..... 3 cr
Prereq: CIS 625 or 675. Freq: Spring.
Software development from an engineering perspective including software development models, team organization and management, implementation strategies, software testing and verification, and project cost estimation. Students will demonstrate their mastery of software engineering design and development strategies through implementation of a significant team-based project. Not open to those with credit in CSCI 476.

677 Computer Communications and Networks ..... 3 cr
Prereq: B or better in CSCI 242 or CSCI 570, or consent of instructor. Freq: Occasionally.
Transmission protocols, layered network protocols, network topology, message routing, performance analysis, security, and case studies. Not open to those with credit in CSCI 477.

678 Network Security ..... 3 cr
Prereq: MIS 327 or CSCI 370 or 375. Freq: Occasionally.
Computer and network security related to operating systems, networks and system administration issues; hacking, incident response, firewalls, VPNs, intrusion detection, and auditing. Not open to those with credit in CSCI 478.

680 Advanced Databases ..... 3 cr
Prereq: MIS 328 or CSCI 380. Freq: Occasionally.
Review of relational database languages such SQL and Relational Algebra, query optimization techniques. Non-relational database models including object-oriented databases, XML databases, deductive databases. Data mining, transaction management, concurrency control, text retrieval, Web data management. Not open to those with credit in CSCI 480.

690 Special Topics in CIS ..... 3 cr
Prereq: Consent of instructor. Freq: Spring.
In-depth study of new and/or special-interest subject areas within the discipline. Subject selection will vary from offering to offering.

721 Enterprise Systems ..... 3 cr
Prereq: Consent of instructor. Freq: Fall.
Explores common enterprise systems that are used across organizations including enterprise resource planning systems, customer relationship management systems, and knowledge management. Include technical architecture of integrated systems and relationships to the organization's business processes.

723 Management of Electronic Commerce ..... 2 cr
Prereq: Consent of instructor. Freq: Occasionally.
Electronic commerce (e-commerce) technology, developing an e-commerce architecture, business-to-consumer and business-to-business e-commerce, e-commerce planning, and social implications.

727 Business Process Redesign and Improvement ..... 2 cr
Prereq: Consent of instructor. Freq: Occasionally.
Cost reduction, service improvements, supply chain management, and time-to-product speedups through information technology; business process improvement (BPI) methodologies; analysis, modeling, and redesign of a system. Case studies and projects included.

745 Web Programming ..... 3 cr
Prereq: MIS 328 or CSCI 480. Freq: Spring.
Essentials of developing and deploying robust applications for the World Wide Web, including client-side markup languages and scripting, applets, client/server communication, server-side applications, database connectivity, distributed components, and multi-tiered architectures.

774 Modern Software Architectures ..... 3 cr
Prereq: Consent of instructor.
Study of a variety of software architectures including: client-server, thin client, multi-tiered, distributed and parallel systems. Emphasis will be place on both understanding where each type of system is used in modern industry and on designing and developing programs in each.

779 Information Systems Security ..... 3 cr
Prereq: CSCI 242 and either CSCI 380 or MIS 328.
Introduction to information systems security; considers technical, administrative, and physical aspects of IT security; topics include fraud, risk, information protection, business continuity, network security, auditing, and security planning and governance.

781 Modeling and Optimization Methods ..... 3 cr
Prereq: Graduate standing. Freq: Occasionally.
Introduction to simulation, optimization and other types of models used to support organizational decisions. Multiple languages, tools, and techniques are explored.

790 Advanced Topics in CIS ..... 3 cr
Prereq: Consent of instructor. Freq: Spring.
In-depth study of new and/or special-interest subject areas within the discipline. Subject selection will vary from offering to offering.

793 Internship in Computer Information Systems .....1-2 cr
Prereq: Consent of instructor. Freq: Fall, Spring, Summer.
Participation in the technical activities of an ongoing organization under the joint guidance and supervision of a member of the organization and a member of the faculty. Grading will be on a credit/no-credit basis. A student may register and receive credit in this course for a maximum of 6 credits.

795 Research Methods in CIS ..... 3 cr
Prereq: A minimum of 6 credits in CIS courses. Freq: Occasionally.
Explores research methods used in the computer and information systems discipline including quantitative and qualitative methods. Reviews current research in CIS.

796 CIS Project..... 1 cr
Prereq: Consent of instructor. Freq: Occasionally.
Completion of a CIS project in conjunction with another 600- or 700-level CIS course; includes project documentation and oral and written reports.

797 CIS Thesis.....1-4 cr
Prereq: Consent of instructor. Freq: Fall, Spring, Summer.
Student conducts research under the direction of a faculty member and produces a master's level thesis in a CIS subject. For students ultimately interested in pursuing doctoral studies.

798 CIS Seminar ..... 1 cr
Prereq: Consent of instructor. Freq: Spring.
Social, legal and ethical issues in computing, including: privacy, encryption, reliability and risk, free speech, computer crime, intellectual property rights. Personal and professional ethics. An emphasis will be placed on students further developing nontechnical professional skills, including writing and oral presentations.

799 Independent Study.....1-4 cr
Prereq: Consent of instructor. Freq: Fall, Spring.
Independent work on a specific problem in CIS under the supervision of faculty.

MASTER OF SCIENCE IN SUSTAINABLE MANAGEMENT

Degree offered:
Master of Science.

Participating Faculty from UW-Parkside:

Associate Professor:
Skalbeck, Ph.D. (Academic Director)

Adjunct Professor:
Kinzelman, Ph.D.

Participating Faculty from Partner UW Campuses:
Arendt, Ph.D. (Green Bay); Dunn, Ph.D. (Oshkosh); Hembd, Ph.D. (Superior); Katers, Ph.D. (Green Bay): Kibler, Ph.D. (Superior); Kraft, Ph.D. (Green Bay): Krahn, MBA. (Stout); Lizotte, Ph.D. (Oshkosh); Oenga, Ph.D. (Stout); Trudeau, Ph.D. (Superior)

Program Overview

This program is a collaborative online master of science degree program in sustainable management offered jointly by UW-Green Bay, UW-Oshkosh, UW-Parkside, UW-Stout, UW-Superior with administrative and financial support from UW-Extension. This online M.S. in sustainable management will focus primarily on adult and nontraditional students who hold an undergraduate degree and have the desire to continue their education to achieve a graduate degree.

Goals of the Program

Particular attention will be given to ensuring that students are well versed in business and science by teaching them about complex topics that require both perspectives. These topics include climate change, renewable resources, and industrial ecology. The program will ensure that students gain a comprehensive understanding of the ways in which changing human activities affect the inseparable natural, social, and economic environments. This knowledge will position UW graduates, many of whom will work for Wisconsin businesses and organizations, to gain a competitive advantage while preserving natural resources and strengthening communities.

Admission to the Master of Science in Sustainable Management

Students seeking admission to the M.S. in sustainable management program will be required to demonstrate a minimum 3.0 cumulative undergraduate GPA and completion of a bachelor's degree. The GRE will not be required for admission to the program. Writing samples or recommendations may be requested and used toward an admissions decision if warranted. Students will apply and be admitted to one of the five partner institutions. The admissions determination will be made by a committee consisting of academic program directors from the five partner institutions. Once admitted, the student's home institution will remain constant for the duration of the degree program. Admissions will occur on a rolling basis with new applicants able to start the program during each of the academic terms: fall, spring, and summer.

Requirements for the Master of Science in Sustainable Management (34 credits)

To graduate with a master of science in sustainable management students must satisfy all degree requirements for their home institutions.

Core Courses (24 credits)

SMGT 700	Cultural and Historical Foundations of Sustainability	3 cr
SMGT 710	The Natural Environment	3 cr
SMGT 720	Applied Research and the Triple Bottom Line	3 cr
SMGT 730	Policy, Law, and the Ethics of Sustainability	3 cr
SMGT 740	Economics of Sustainability	3 cr
SMGT 750	The Built Environment	3 cr
SMGT 760	Geopolitical Systems-Decision Making for Sustainability on the Local, State, and National Level	3 cr
SMGT 770	Leading Sustainable Organizations	3 cr

Specialty Track (6 credits)

Choose two courses:

SMGT 780	Corporate and Social Responsibility	3 cr
SMGT 782	Supply Chain Management	3 cr
SMGT 784	Sustainable Water Management	3 cr
SMGT 785	Waste Management and Resource Recovery	3 cr

Capstone Experience (4 credits)

SMGT 790	Capstone Preparation Course	1 cr
SMGT 792	Capstone Project	3 cr

Courses in Sustainable Management (SMGT)

700 Cultural and Historical Foundations of Sustainability ..... 3 cr
Freq: Fall, Spring, Summer.
The changing relationships of humans to the natural environment; changes in dominant scientific perspectives and the process of scientific debate. The quest for understanding, manipulating, and dominating the natural world. Cultural and organizational structures; the role and impact of technology; the systems approach to problem solving and its implications for the future.

710 The Natural Environment ..... 3 cr
Freq: Fall, Spring, Summer.
Natural cycles, climate, water, energy, biosystems, ecosystems, the role of humans in the biosphere; human impacts on natural systems. The carbon cycle as a unifying theme. Specific topics to be studied include: disturbance pollution and toxicity, carrying capacity, and natural capital. Use of case studies.

720 Applied Research and the Triple Bottom Line ..... 3 cr
Freq: Fall, Spring, Summer.
Document and project internal and external costs resulting from the inseparability of the natural, social, and economic environments. Assess sustainability issues using basic modeling techniques; cause and effect, root cause analysis, regression analysis, and business scenario–based cases.

730 Policy, Law, and the Ethics of Sustainability ..... 3 cr
Freq: Fall, Spring, Summer.
The law and ethics regarding sustainability of economic development and emerging environmental challenges at national and international levels; including National Environmental Policy Act (NEPA), United Nations Environmental Program (UNEP), carbon footprints, Kyoto Protocol, and Brundtland Commission. The policy and role of government and its agencies such as the Army Corps of Engineers and Department of Interior, in building a more just, prosperous, and secure environmental common future.

740 Economics of Sustainability ..... 3 cr
Freq: Fall, Spring, Summer.
Understand the economy as a component of the ecosystem within which it resides, with natural capital added to the typical analysis of human, social, built, and financial capital. Explore traditional micro, macro, and international trade theory and policy and the implications of sustainability. Topics include: history of economic systems and thought; globalization and localization; distinguishing between growth and development; the nature and causes of market failure; consumption, consumerism, and human well-being; emerging markets; technological change; business organization and financial market alternatives; demographic change; and the global food economy.

750 The Built Environment ..... 3 cr
Freq: Fall, Spring, Summer.
Explore how the built environment came to be and the intersection of human needs: water, air, food, water, waste, transportation, healthcare and education. Evaluate community design: what does a sustainable community look like? Study related technologies and evaluate alternatives, discuss unintended consequences. Course will include case studies.

760 Geopolitical Systems-Decision Making for Sustainability on the Local, State, and National Level ..... 3 cr
Freq: Fall, Spring, Summer.
An examination of decision making and public policy for sustainability at the national, state, and local level, with emphasis on the social, economic, political factors affecting decisions within both the public and private sectors. Attention is given to formal American policymaking processes, informal grassroots activities and consensus building, public engagement with sustainability decisions, corporate sustainability actions and reporting, the promise of public-private partnerships and collaborative decision making, and practical examples of how decision making fosters effective transitions to sustainability goals at all levels.

770 Leading Sustainable Organizations ..... 3 cr
Freq: Fall, Spring, Summer.
A macro-level perspective on leading sustainable organizations. Topics addressed include: organizational change and transformation processes, strategic and creative thinking, organizational structures and their impacts, conflict management and negotiation, stakeholder management and situational leadership styles and behaviors. Focuses on how organizational leaders develop and enable sustainable organizations, especially in times of environmental change.

780 Corporate and Social Responsibility ..... 3 cr
Freq: Fall, Spring, Summer.
Corporate social responsibility and an organization. Evaluation of risks and potential impacts in decision making recognizing the links between the success of an organization and the well being of a community. Integrating corporate social responsibility throughout an organization, creating metrics and communicating CSR policies internally and externally. Development of best practices in an organization pertaining to corporate social responsibility.

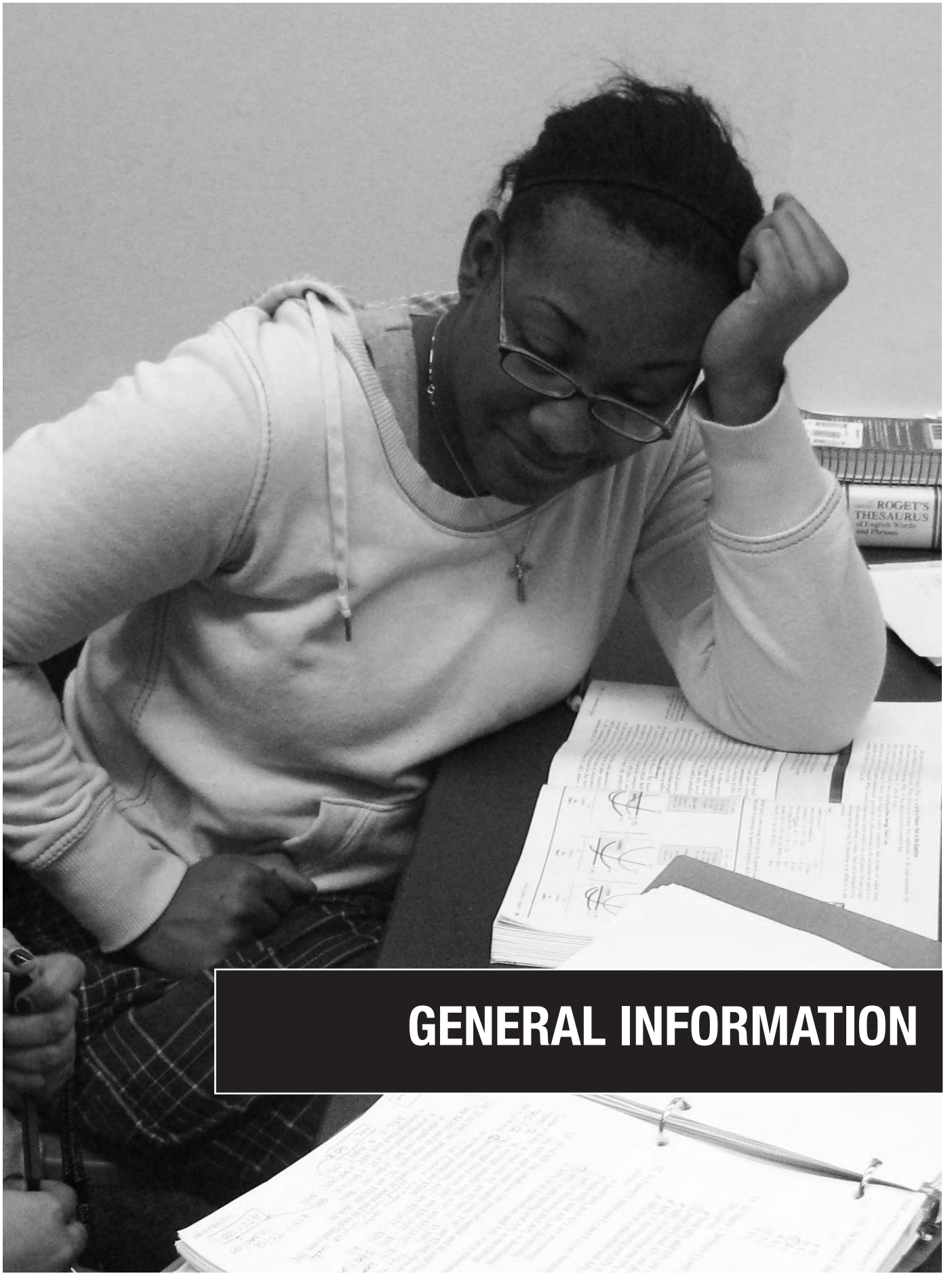
782 Supply Chain Management ..... 3 cr
Freq: Fall, Spring, Summer.
Planning, organizing and controlling the organization's supply chain is examined in context of the triple bottom line. Total cost analyses or product and process life cycles are considered in the context of strategy and operations. Topics include: sourcing, operations, distribution, reverse logistics and service supply chains. Process measurements and the impact on organizational performance in the context of footprints (e.g. carbon, water, pollution). Discussion of existing and potential software systems.

784 Sustainable Water Management ..... 3 cr
Freq: Fall, Spring, Summer.
This course addresses practical applications of sustainability in aquatic environments. Topics covered include water and health, water quality and quantity, governance, assessing the aquatic environment, water treatment technologies, environmental mitigation, and impacts of climate change. Emphasis will be on selected areas of interest from the perspective of public health, engineering, and municipal conservation management.

785 Waste Management and Resource Recovery ..... 3 cr
Freq: Fall, Spring, Summer.
Topics include the generation, processing, management and disposal of municipal, industrial and agricultural waste with an emphasis on the technical, economic and environmental aspects of various recovery processes. Additional topics will include producer responsibility, design for environment and life cycle analysis.

790 Capstone Preparation Course ..... 1 cr
Freq: Fall, Spring, Summer.
Research, data analysis, scholarly inquiry resulting in project proposal.

792 Capstone Project..... 3 cr
Freq: Fall, Spring, Summer.
Completion of approved project utilizing concepts from coursework.



GENERAL INFORMATION

DIRECTORY

University of Wisconsin System Board of Regents

For a listing of the current regents visit: http://www.uwsa.edu/bor/bios/

University of Wisconsin-Parkside Administration and Staff

Names of UW-Parkside administrators and staff can be found on the university website.

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STATEMENT OF COMPLIANCE

Compliance with Govenment Policy

This catalog brings together for the information and convenience of both students and staff the academic regulations of the university. University policies and regulations are subject to continuous review by a variety of agencies and appropriate administrative and governance bodies of UW-Parkside. Thus, the provisions of this catalog are not an irrevocable contract between the students and UW-Parkside. The university reserves the right to change any provision or requirement at any time during the students' attendance. The university reserves the right to ask the students to withdraw for cause at any time.

The university provides additional information and policies in separate brochures and in the Student Guidebook. To implement the University of Wisconsin System student disciplinary procedures and the academic misconduct regulations (Chapters 17 and 14 of the Wisconsin Administrative Code), UW-Parkside has developed a set of procedures which is published in the Student Guidebook. Additional information is available on the university's website or may be secured from the Dean of Students, Wyllie Hall 340.

UW-Parkside does not discriminate on the basis of sex in the educational programs or activities it operates. The university policy not to discriminate in education programs and activities extends to employment therein and to admission thereto. This statement is published, in part, to fulfill the requirements of Title IX of the Higher Education Amendments of 1972 and Section 86.9 of Title 45 of the Code of Federal Regulations, the administrative regulations passed pursuant to Title IX. Inquiries concerning the application of Title IX and the administrative regulations may be directed to the Title IX Senior Diversity Officer.

UW-Parkside does not discriminate against qualified individuals with disabilities in the recruitment and admission of students, the recruitment and employment of faculty and staff, and the operation of any of its programs and activities, as specified by applicable federal laws and regulations. The designated coordinator for university compliance with Section 504 of the Rehabilitation Act of 1973, as amended, and for the Americans with Disabilities Act is the coordinator of Disability Services.

Information required under the Higher Education Act of 1965, as amended, Title IV parts 668, 674, 675, 676, 682, 690, and 692 regarding, but not limited to, eligibility and criteria for receiving and availability of financial aid, rights and responsibilities of those receiving financial aid, standards of progress, terms of payment, repayment schedules for those receiving financial aid, conditions of employment related to financial aid, total educational costs of attending UW-Parkside and refund policies can be obtained from the Office of Student Financial Aid.

UW-Parkside veteran enrollment requirements and standards of progress information are available at the Office of the Registrar/ Student Records.

UW-Parkside is in compliance with the Family Educational Rights and Privacy Act of 1974 (as amended) in regards to the right of students or their parents to review of the student's education record, correction of information from those records and limitation of disclosure of information contained in those records. Further details are published in the UW-Parkside course schedules. Forms authorizing institutional withholding of student records are available in the Office of the Registrar/Student Records.

The university is required to provide annually to every student and employee information concerning the university's policies on illicit drugs and alcohol. In compliance with the Drug-Free Schools and Communities Act amendments of 1989, UW-Parkside publishes and distributes this information annually. Additional information is available on the university's website or may be secured from the Dean of Students, Wyllie Hall 340.

In compliance with the Immigration and Nationality Act (P.L. 87-195), UW-Parkside publishes the following statement: "This school is authorized under federal law to enroll nonimmigrant alien students."

The University of Wisconsin System will provide and maintain adequate facilities for a safe and healthy learning environment. It is the university's responsibility to work with faculty and staff so that they are equipped to educate their students on practices and procedures that ensure safety for all members of the university. Employees with instructional responsibilities are expected to comply with state and federal safety laws and regulations in their institutional areas. Certain courses and research projects require that the student work with hazardous materials while engaging in academic studies. Instructors of these courses and research projects shall inform and train students on procedures that will maintain the students' personal health and safety and provide them with information on the hazards of specific chemicals that will be used during their course of study. Furthermore, instructors will enforce and follow safety policies. Prior to use of hazardous materials and equipment, students shall review the procedures and information and discuss any associated concerns with the instructor.

The university is required through state statute (Assembly Bill 431) to share statistics with current students concerning crimes on campus and reported campus incidents of sexual assault and date rape. As required by law, this information is distributed annually to students through the UW-Parkside website. In addition, federal laws, Students Right to Know Law and the "Campus Security Act" requires the university to inform prospective as well as current students of similar crime statistics and information on student graduation rates. This information is distributed annually to students through the UW System Introduction and UW-Parkside's website.

Federal law allows the University of Wisconsin System to request and use a student's social security number (20 U.S.C., section 1232g). Disclosure of that social security number is voluntary. Applications received without it will be processed, and another form of student identifier number will be assigned. However, failure to provide the social security number may result in denial of services or benefits.

INDEX

A

B

C

D

E

F

G

H

I

L

M

N

O

P

R

S

T

U

V

W

Y