

INTRODUCTION

(262) 595-2345 • www.uwp.edu

Introduction

Welcome to the University of Wisconsin-Parkside. Our 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, the University of Wisconsin-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 and is a member of the North Central Association. (The Higher Learning Commission, 30 North La Salle Street, Suite 2400, Chicago, IL 60602-2504.) The Department of Business is accredited by AACSB – The International Association for Management Education. The Department of Chemistry is accredited by the American Chemical Society.

Approximately 5,000 undergraduate and graduate students are enrolled here. Students may choose from a wide selection of majors in the College of Arts and Sciences and the School of Business and Technology. Degrees awarded are the bachelor of science and the bachelor of arts. Students may also choose from three graduate programs: the master of business administration, the master of science in computer information systems and the master of science in applied molecular biology.

Students also may complete course work in degree programs on the UW-Parkside campus offered through consortial arrangements with UW-Milwaukee. They are: bachelor of science in nursing, bachelor of science in engineering, master of science in administrative leadership and master of science in cultural foundations of education.

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, several accelerated programs are available. A maximum of 30 credits can be earned toward a degree through Advanced Placement exams and the College Level Examination.

Academic Excellence

Our best and most senior faculty teach all levels of undergraduate courses. More than 90 percent of the faculty hold the Ph.D. or equivalent degree. The biological sciences program is a UW Center of Excellence and our pre-medical program has gained a national reputation.

Most of our classes are small, ensuring greater student-faculty interaction. Many students work one-to-one with talented faculty in their research, an opportunity that many universities restrict to graduate students.

A Commitment to Diversity

UW-Parkside's commitment to diversity is reflected in a curriculum that prepares students from both genders and all racial, national and ethnic groups to live in a pluralistic society. All students complete courses in cultural diversity as a graduation requirement. Programs are offered in ethnic studies, international studies and women's studies.

UW-Parkside ranks among the top UW System campuses in employing and enrolling people of color. It also is a leader in employing and enrolling women. The campus has been recognized locally for its efforts in making the campus accessible to students with disabilities. Programs and services specifically designed to assist students with disabilities are offered through the Educational Support Services and the Student Health and Counseling Center offices.

The University 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 their continual improvement.
- 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.

Administration/Organization

The University of Wisconsin-Parkside is governed by the UW System Board of Regents. The university is headed by the chancellor and is organized into three administrative units: academic and student affairs, administrative and fiscal affairs, and university relations.

Academic and student affairs, headed by the vice chancellor and provost, is concerned with curriculum and teaching, advising, faculty appointments, instructional materials and equipment, library resources, computing services, admission and records, financial aid, academic support programs and tutoring, minority affairs, career planning and placement, housing, women's center, health and counseling services, child care and student activities.

The faculty and the curriculum of the university are organized into the College of Arts and Sciences and the School of Business and Technology. The chief academic officer in the college and school is the dean.

Operations including personnel and payroll, budget administration, university police, facilities management, mail services, child care and student housing are provided by the Division of Administration and Fiscal Affairs. The senior officer is the vice chancellor for administrative and fiscal affairs.

The Division of University Relations consists of marketing, publications, public relations, alumni relations, development, community

relations and government relations. Headed by the assistant vice chancellor for university relations, this area maintains relationships with the UW-Parkside Alumni Association and the UW-Parkside Benevolent Foundation; markets the University to prospective students and other audiences, and provides information to the news media and general public through news releases, a variety of publications and the World Wide Web.

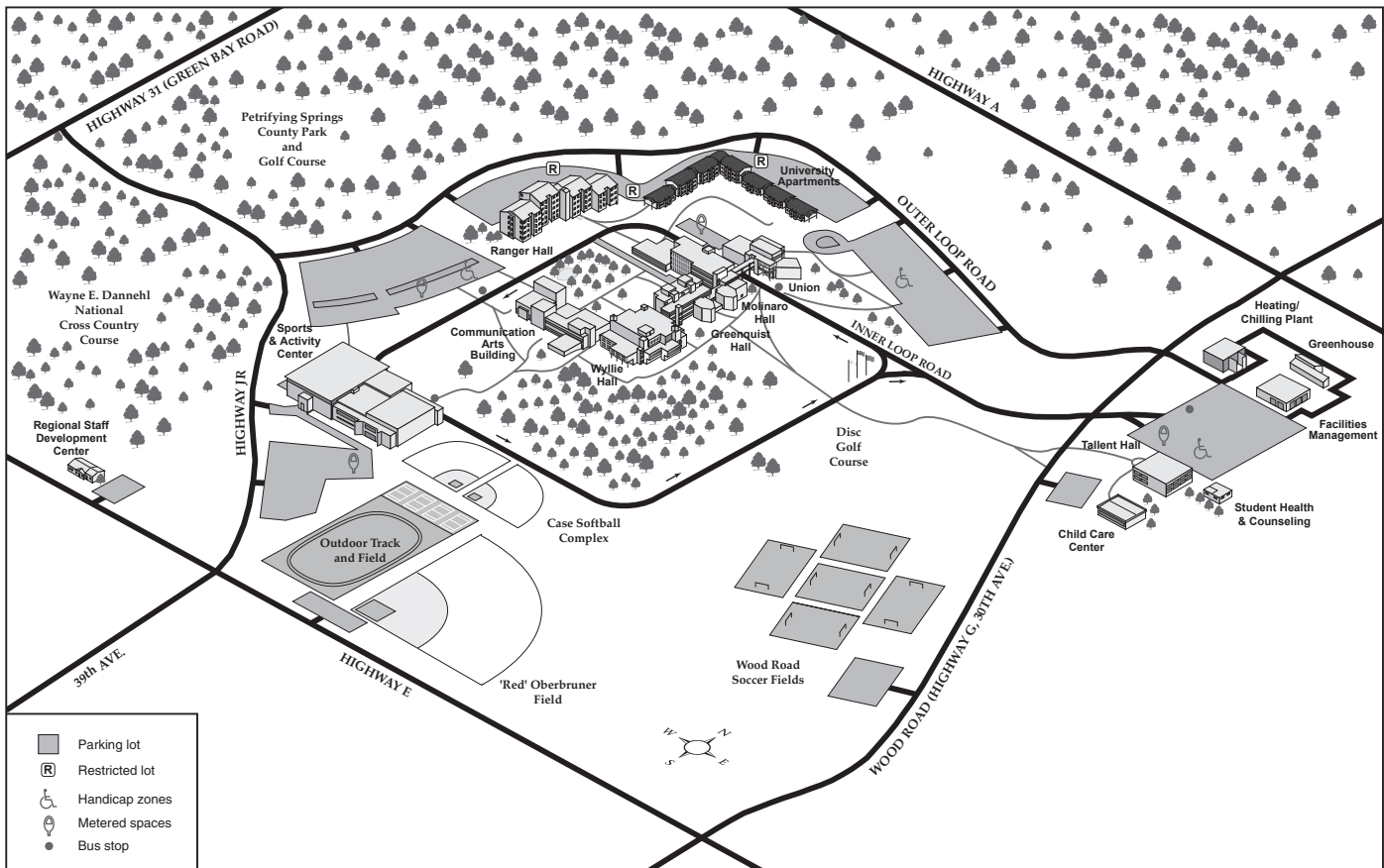
The University Campus

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. Academic buildings are connected by glass-walled corridors that provide a glimpse of the scenic landscape that surrounds the picturesque campus.

Communication Arts Building

The Communication Arts Building features art studios, music practice rooms, language laboratories, classrooms, the Communication Arts Theatre and the Art Gallery. A scene shop and small studio theater adjoin the main theater.

Media Services, a department within Instructional Technology Support, is on the lower level of Communication Arts. Media Services is responsible for audio, visual and computer equipment check-out for classroom use, installing and maintaining equipment permanently located in lecture halls and classrooms, and providing graphic and photographic services. Media Services also houses and supports a distance education and satellite conference room.



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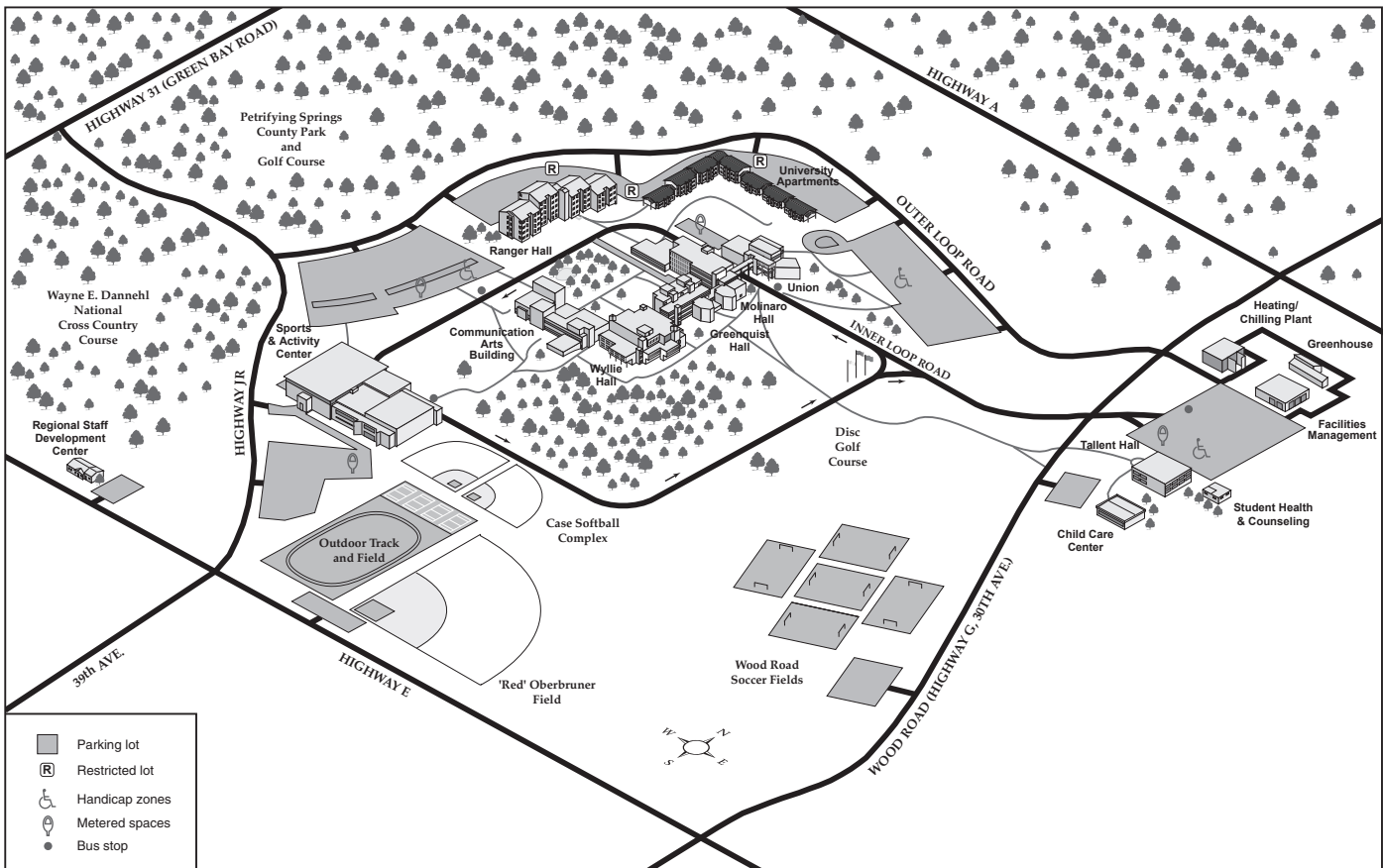
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The campus computer services office, providing both academic and administrative computer services, is also located here.

Greenquist Hall

Greenquist Hall houses the administrative offices of the College of Arts and Sciences, faculty offices, laboratories and classrooms. Sophisticated computer capabilities, state-of-the-art science equipment and high-tech facilities, including a scanning electron microscope and interactive 3-D computer graphics system, provide students with hands-on learning opportunities.

The building is named for Kenneth L. Greenquist, former Racine attorney and political and civic leader, who served as president of the UW Board of Regents at the time of his death in 1968.

Molinaro Hall

Molinaro Hall provides offices for the School of Business and Technology and a number of liberal arts faculty; as well as laboratories, classrooms and the Office of Admissions. This building is named for the late George Molinaro, longtime Kenosha civic leader and state representative who introduced the 1965 legislation to establish UW-Parkside.

Also located in Molinaro Hall are three open access computer labs. These labs house Windows systems.

UW-Parkside Union

The Parkside Union is the center for student activities and a great place to meet, eat and relax. The Parkside Union features a large dining room, sub-sandwich shop, pizza/grill, campus ID/Ranger Card Office, 400-seat movie theater, bowling lanes, game room,

lounge areas, space for dances and a variety of performances, meeting rooms, ATM machines, stamp machines, lockers, vending, offices for student organizations and the UW-Parkside Activity Board. The campus Information Center, located on the ground level, provides information for ticket sales, faxes, copies, campus meal plan, campus ID cards, lost and found, bus passes and check cashing.

Sports & Activity Center

The Sports & Activity Center includes an indoor track and expanded space for competition, practices and training. The Wellness Center and Ranger Power Center in Carmen D. Tenuta Hall include state-of-the-art fitness equipment. The Alfred S. and Bernice DeSimone Gymnasium has a seating capacity of approximately 3,000 and is used for athletic events and commencement. The Sports & Activity Center also features an eight lane pool.

Adjacent to the Sports & Activity Center is an all-weather 400-meter track, soccer fields, tennis courts, baseball diamonds, the Case Softball Complex and recreational playing fields. The Parkside National Cross Country Course, considered the finest natural course in the nation, is the scene of many national championship meets.

Residence Halls

Ranger Hall, a 401-bed facility, opened in 1997. The University Apartments opened in 1986. Located next to the Parkside Union, the residence halls accommodate 765 students in the apartment-style and traditional residence halls. Accommodations can be made for students with disabilities.

Student Health & Counseling Center

The Student Health and Counseling Center provides primary health care and wellness education to students. The center is staffed and managed by registered nurses with physicians scheduled on site two days per week. AODA-certified counselors provide personal counseling to students by appointment. 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 the offices of Business Services, UW-Parkside Police Department, University Outreach, the UW-Parkside/UW-Milwaukee Consortial Nursing Program and Educators Credit Union.

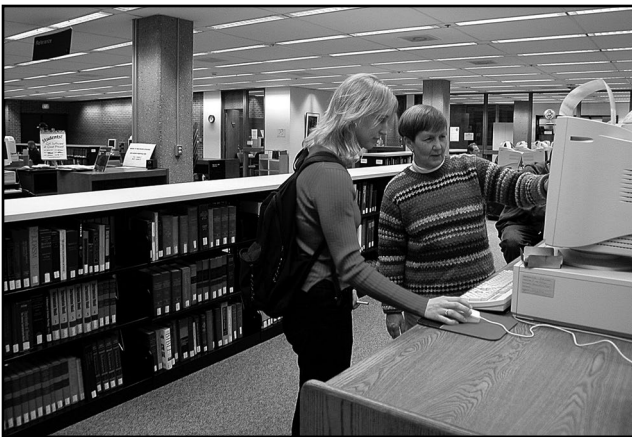
Wyllie Hall

Featuring a striking three-story atrium, Wyllie Hall has attracted recognition for its design. 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 area.

In addition to the Library, Wyllie Hall also houses the registrar, cashier and financial aid offices, as well as the Office of Educational Support Services, Multicultural Affairs and the Tutoring Center. Student government and the student newspaper, the Ranger, also are located here.

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.

The library – a center for study and research by students, faculty, staff, alumni and the general public – is primarily a teaching library, recognized for its program of instruction in the use of library services.



The library provides a complete information network, including the Endeavor Automated System, a computer catalog giving electronic access to UW-Parkside and at other UW libraries. Important services include Internet access to library and information resources around the world, an online periodical database of more than 700 full-text journals, many CD-ROM databases, and UseNet – a vast array of worldwide discussion groups.

Located on the ground floor of Wyllie Hall, with access through the Library, is the largest of the general access computer labs and the Help Desk. The Wyllie Lab has both Windows and

Macintosh systems. Instructional Technology Support staff at this location provides assistance with computer and e-mail related issues for faculty, staff and students.

Administered by the Library, the University Archives and Area Research Center houses a wealth of historical documents. University archives include all non-current UW-Parkside records of administrative, legal, financial or historical importance.

The Area Research Center operates in conjunction with the State Historical Society of Wisconsin and is part of a network of 14 centers in the state. Included are historic research materials relating to Racine and Kenosha counties, government records, naturalization records and a manuscript collection featuring private records, correspondence and papers of a variety of prominent people, organizations and businesses. Major microfilm collections include the federal and state censuses of Wisconsin from 1820 to 1910 and pre-1907 vital records from Kenosha and Racine counties.

Special library collections include rare books, periodicals, first editions, art books, collections of works by noted local authors including Irving Wallace and David Kherdian, and a collection of 18th- and 19th-century British and American plays collected by the late H. O. Teisberg.

Child Care Center

The UW-Parkside Child Care Center, licensed by the State of Wisconsin, provides programming for infants and children up to 5 years old.

The center's activities promote social, emotional, physical and intellectual development in a learning-through-play environment. Individual needs are provided for at all age levels. The pre-school program offers daily involvement in art, science, music, math, dramatic play, language development, and storytelling.

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.

Major parking lots are located near Tallent Hall, the UW-Parkside Union, the Communication Arts building, and the Sports & Activity Center. The Communication Arts parking lot includes metered spaces for short-term visitors. There is an additional, smaller metered lot to the east of the Union on Inner Loop Road. Parking spaces reserved for persons with disabilities can be found in all UW-Parkside lots.

For longer-term parking, daily parking permits can be purchased from UW-Parkside Police Department, 188 Tallent Hall. Parking permits are also available at the Visitor Center located in the Sports & Activity Center.

For parking lot and building location, please refer to the campus map on page 7 of this catalog.

In addition to convenient parking within easy walking distance of most buildings, a UW-Parkside campus shuttle operates from 8 a.m. to 4 p.m., Monday through Friday while classes are in session.

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. East 5 miles to Wood Road.

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

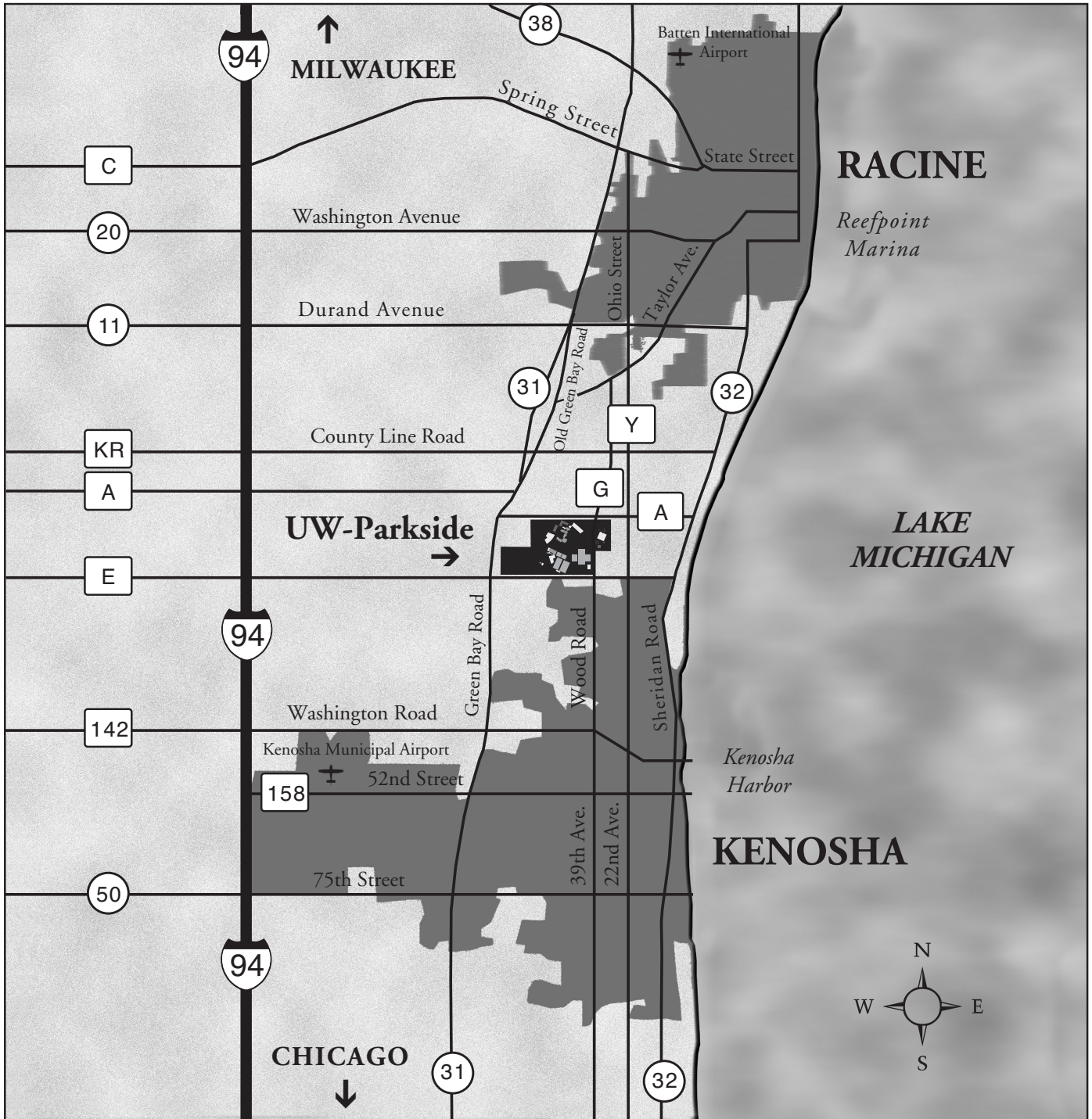
Access from 30th Avenue (Wood Road), 22nd Avenue, Sheridan Road (Highway 32), Highway 31.

From Racine

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

By Local Bus

Kenosha Transit and Racine's Belle Urban System (BUS) service the campus. For schedules and route information, call 653-4287 (Kenosha) or 637-9000 (Racine)



ACADEMIC SKILLS PROGRAM

www.uwp.edu/admin/learning.assistance

Instructional Staff:

Short, M.A.; Haley-Renaud, M.S.; Otto, M.S.; Riepe, M.S.; Smith, M.Ed.; Wiesner, M.S.

Program Overview

The Academic Skills Program provides supportive services to students who need to improve their learning skills. Many students require intense, 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 010, 015 and/or 090 may represent the most appropriate beginning level courses in English and mathematics. These courses are part of a sequence designed to help students pass the writing and mathematics competence requirements. Computer enhanced instruction is available in these courses and offers students an alternate instructional delivery system using “state of the art” software to complement teacher presentation and interaction. Academic skills courses are not available for audit. Credit earned in academic skills courses (except for ACSK 100, ESL) does not count toward the 120 credits required for graduation, but the grade earned does affect the GPA.

Courses in Academic Skills (ACSK)

- 010 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 formulas and figures. This course should be followed by ACSK 015. Some sections are available using computer enhanced instruction.
- 015 Elementary Algebra.....4 cr
Prereq: ACSK 010 with a grade of C or better or appropriate placement score. Freq: Fall, Spring, Summer.
Review of basic algebra including integers, algebraic expressions, equations and inequalities, integral exponents, radicals, graphing, and systems of equations. Some sections are available using computer enhanced instruction.
- 070 Study Skills1 cr
Prereq: None. Freq: Fall, Spring.
Essential academic survival skills including academic responsibility, time management, effective listening, note-taking, textbook reading, and test taking.
- 083 College Reading Efficiency I.....3 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 written analysis of readings in high interest topics. Includes essential academic survival skills such as time management, enhancing memory, effective listening, note taking, test taking, and academic responsibility.

- 085 College Reading Efficiency II.....1 cr
Prereq: None. Freq: Fall, Spring.
Similar in content and focus to ACSK 083, 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.
- 090 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. Some sections are available using computer enhanced instruction.
- 091 Special Topics in Academic Skills1-4 cr
Prereq: None. Freq: Fall, Spring.
Selected topics in academic skills will be examined. Instructor approval required.
- 092 Career Planning and Exploration.....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.
- 094 Reading and Writing.....5 cr
Prereq: Placement into ACSK 090 (Composition Preparation) and either ACSK 083 or 085 (Reading). Freq: Occasionally.
Provides college reading strategies and structured writing experiences in various themes such as cross-cultural issues, media, environmental issues, etc.
- 095 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, use of the Internet for research, and an introduction to e-mail.
- 100 English as a Second Language Seminar.....3 cr
Prereq: None. Freq: Fall, Spring.
Designed for English as a Second Language students pursuing college level course work. Language instruction through topics addressing cultural adjustment, public speaking, discussions, vocabulary concepts for college thinking, and cultural adjustment. Course may be repeated; maximum of 3 credits apply toward graduation.

UNDERGRADUATE PROGRAMS

ADMISSIONS

Molinaro D111 • (262) 595-2355 • www.uwp.edu/admissions

The Office of Admissions provides recruitment services, admission counseling and support for prospective undergraduate students. The office is located at the north end of the campus in Molinaro Hall, Room D111.

Services offered by the Office of Admissions include providing general information about academic programs and support services, limited pre-enrollment career counseling, and admission assistance for new freshmen; students of color; and re-entry, transfer, non-traditional, and international students. The office also houses admission application processing and coordinates residency appeals.

The Office of Admissions oversees the Campus Ambassador program, provides campus and housing tours, refers students for additional pre-admission assistance to other support offices, and coordinates class visits and pre-admission meetings with faculty. Open house and campus preview days, selection of recipients for a variety of new freshmen scholarships, and the coordination of non-resident scholarship programs are also coordinated by the Office of Admissions.

Degree-Seeking Status

Degree-seeking students are those expecting to complete requirements for a degree or for an additional UW-Parkside major, minor, or concentration if they already hold an undergraduate degree from UW-Parkside. Another term used to refer to a degree-seeking student is “matriculant.” To be accepted as degree-seeking, students must meet the appropriate admission requirements in effect at the time they complete the application file.

Students are subject to the requirements in effect at the time they are accepted as degree-seeking students. 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 for Undergraduate Admission, a check or money order for the required application fee, and transcripts from all high schools attended.

Standard requirements for admission to UW-Parkside include graduation in the upper half of one's class from a recognized high school, or an ACT composite of 20, and completion of appropriate college preparatory coursework as described below. Applicants without a high school diploma must provide evidence of satisfactory completion of requirements for a high school equivalency certificate from an approved certifying agency.

All new freshmen under 21 years of age on September 1 of the academic year in which they plan to enroll must also submit American College Test (ACT) or Scholastic Achievement Test (SAT) scores. Acceptable scores are determined annually.

Effective fall 1995, freshmen applicants must complete a minimum of 17 high school units with the following distribution:

Academic Subjects	Units
English	4 (3 units must be composition and/or literature)
Mathematics	3 (Algebra, Geometry or higher)
Social Science	3
Natural Science	3
Above areas, foreign language* and/or fine arts, computer science and other academic areas	4
Total Academic Units	17

Some high school courses may not satisfy college admission requirements for academic subjects. To be certain that work taken in high school will meet UW-Parkside admission requirements, students should contact the Office of Admissions.

- * While foreign language is not a requirement for admission to UW-Parkside, students who have not completed 2 years of one foreign language (with a minimum average grade of C in year 2) will be required to complete foreign language at the college level. See the foreign language requirement in the Programs and Policies section of this catalog for further information.

International students seeking admission should consult the International Students section of this catalog.

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 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 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 Center in Wyllie Hall room 107 or call (262) 595-2040.

Transfer Students

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

Transfer students must submit the University of Wisconsin System Application for Undergraduate Admission, a check or money order for the required application fee, and 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 Programs and Policies section of this catalog).

Requirements for the standard admission of transfer students who have attempted more than 15 credits of college work are: graduation from a recognized high school or equivalent; a minimum cumulative grade point average (GPA) of 2.00 on all college work attempted; and eligibility to continue at the last accredited college attended.

Transfer students who do not meet these requirements will be considered for admission if: (1) they would be admissible as freshmen at UW-Parkside; and (2) they would be eligible to continue at UW-Parkside had they achieved their existing academic record at UW-Parkside. UW-Parkside accepts a maximum of 72

credits from any University of Wisconsin two-year college or any other two-year institution with an accredited college-parallel liberal arts program. College-level courses with a passing grade will be applied toward the number of credits needed for a degree. However, some of these courses may not meet specific major or general education requirements. The appropriate department should be contacted for verification that specific course work fulfills major requirements.

Students who do not meet the admission criteria stated above may be considered for admission if they can demonstrate an equivalent level of skill.

Transfer students with 90 or more acceptable credits of multi-disciplinary course work from an accredited liberal arts, baccalaureate degree-granting college or university will be considered to have completed UW-Parkside general education requirements, excluding the foreign language and ethnic diversity requirements. The same policy shall apply to students who hold an associate degree from a UW College and to students holding associate of arts and associate of science degrees from accredited college-parallel liberal arts programs with a minimum of 45 transferable credits.

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. It also includes transfer information about 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. Access to TIS at UW-Parkside is available in the library's computer laboratories, Molinaro 115, Molinaro 118 and Molinaro 124. TIS can be accessed through UW-Parkside's website or directly at <http://www.uwsa.edu/tis>.

Important information about academic policies that apply to transfer students can be found in the Programs and 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 drop status at another institution of higher education, that status will be honored by UW-Parkside and the applicant's registration will be canceled.

Transfer students from the Wisconsin Technical College System and students enrolled in the Wisconsin Technical College System who wish to continue their education in the UW System may be eligible to transfer credits toward bachelor's degrees.

Students enrolled in the college-parallel program at Madison Area Technical College, Milwaukee Area Technical College, or Nicolet Area Technical College may transfer up to 72 credits of liberal arts-parallel (200 level) toward their degrees.

Up to 15 credits of specified courses designated as general education by the Wisconsin Technical College System may be transferred to UW-Parkside. Also, two specified courses in math and science may be accepted. Additional courses are eligible for transfer if they are included in the specific program-to-program transfer agreements that UW-Parkside has signed with some of the Wisconsin Technical College institutions. In particular, transfer agreements have been established between UW-Parkside and Gateway Technical College involving child care and development, corrections science, graphic arts, human services, police science, radio broadcasting, and areas of business in accounting, computer information systems, logistics, marketing, and supervisory management.

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, located in Tallent Hall.

Students transferring from the Wisconsin Technical College System may earn additional credit by achieving appropriate scores on national standardized examinations (e.g. College Level Examination Program).

Re-entry Students

Applicants who previously attended UW-Parkside but have not been enrolled for at least the last semester must complete a re-entry application.

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 Admissions Office 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 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 or an additional major, minor, or concentration 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.

A non-degree-seeking student may not enroll for more than 6 credits in a given semester without permission of the director

of advising. 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, available from the Office of Admissions, 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 degree requirements in effect when they are accepted as degree-seeking students. Students who have been granted degree-seeking status and wish to declare a major may petition to do so.

They will be subject to requirements in effect at the time of the declaration of major. Students who have previously been degree-seeking with a declared major may have to declare that major again and may be subject to the requirements in effect at the time of the re-declaration.

International Students

Students from more than 25 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 International Student 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 scores from the Test of English as a Foreign Language (TOEFL). A score of 525 (or its computer-based equivalent of 193) is required. 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.

International students are eligible for academic and athletic scholarships. For admission deadlines and application materials, contact the Admissions 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 school certifying official in the Office of the Registrar.

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.

Veterans who have not attended UW-Parkside for one or more semesters should contact the Office of the Registrar when applying for reentry to the university.

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 Programs and 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. Such applicants must submit official Advanced Placement examination reports to the Advising and Testing Office.

Placement Tests

All new students are required to take placement tests in English and mathematics. Students wanting to enroll in chemistry and/or advanced foreign language courses must also take placement tests in those areas.

Test results are used to advise students about which courses are needed to achieve skills requirements.

Financial Aid

Various financial assistance programs are available to qualified students. Currently, more than \$22 million in aid is awarded annually to UW-Parkside students.

Approximately 60 percent of our students receive some aid, in the form of federal, state, and institutional grants; scholarships; loans; and work programs. Students who apply for financial aid are considered for all types of aid except scholarships, for which separate applications are required.

State and federal grant program funds are awarded primarily on the basis of financial need and are dependent upon academic performance. Grants do not have to be repaid and range in amounts from \$400 to \$4,050. Grant assistance programs include Federal Supplemental Educational Opportunity Grants, Pell Grants, Lawton Grants, Talent Incentive Program (TIP) Grants, and Wisconsin Higher Education Grants (WHEG).

Several student loan programs are available including Federal Perkins Student Loans, Federal Stafford Student and Federal Parent Loans, and state loans for veterans. These loans carry a very low interest rate, and in some cases both loan principal and interest payments can be deferred until after graduation.

Applications are carefully examined in order to put together the best financial aid package possible; however, financial aid rarely meets all college expenses. Costs not provided for by students' and/or parents' resources can be met through a combination of resources. Such a financial package may include a loan and a grant, a scholarship and a loan, or a loan and a job.

Financial Need Analysis

In awarding financial assistance, UW-Parkside adheres to the principles of financial aid administration developed by the National Association of Student Financial Aid Administrators. To judge need and distribute financial aid fairly, the university requires independent students or parents of dependent students to complete a confidential statement of their income, assets and liabilities.

Financial aid information and applications are available from the Financial Aid Office. Freshmen, transfer and re-entry students should request financial aid information at the time they apply for admission. Financial aid forms are also available at high schools. Continuing students must apply yearly for financial aid. Forms are available in January in the Financial Aid Office. Students are strongly encouraged to use FAFS on the web to apply for financial aid (www.fafsa.ed.gov).

Financial Aid Priority Filing Date

Complete financial aid applications, including confidential statements of income, should be submitted to the Student Financial Aid Office before April 1 for students planning to enroll at UW-Parkside the following September. Financial aid forms received on or before March 15 are given first priority. These students will be notified beginning in early April.

The following U.S. Office of Education regulations apply to all financial aid recipients:

1. Failure to maintain satisfactory progress, e.g., toward a degree and a 2.00 grade point average, may result in future termination of financial aid eligibility.
2. Student aid recipients who withdraw from classes may be required to repay all or a portion of funds received.
3. Failure to repay will result in future aid termination.
4. Students must be seeking a college degree (non-degree-seeking students are not eligible), be U.S. citizens and be enrolled at least half time.
5. Students who owe a repayment or refund of federal grants or who are in default on any educational student loan are not eligible for financial aid.
6. All applicants must sign a statement agreeing to use student aid funds only for educational expenses.
7. Male students must be registered with the Selective Service System. Specific details of these regulations and refund and repayment schedules are available from the Financial Aid office.

Out of State Initiative Scholarship

Out of State Initiative Scholarships offer partial to full waivers of the non-resident portion of tuition for qualifying students from any other state. The number of scholarships is limited, varies, and is subject to availability each year. Minimum qualifications require that applicants must be admitted to UW-Parkside, and:

Entering freshmen

Must have a minimum rank in the top 35% of their high school class AND have an ACT composite score of 23 or higher, or a SAT score of 1070 or higher.

Transfer students

Must have a minimum cumulative college grade point average of 2.50 (on a 4.0 scale), or higher. If transferring with less than 12 credits, students must also meet entering freshman requirements (above).

Renewal

This scholarship can be renewed a maximum of 8 semesters if:

- Students remain continuously enrolled (Fall and Spring).
- Enroll for no less than 6 credits, but no more than 18 credits per semester.
- Maintain a minimum 2.50 cumulative grade point average.

Limitations and Additional Benefits

- The university reserves the right to give preference to students living on campus and to award scholarships to the highest achieving applicants.
- Nursing students may qualify for the scholarship during their pre-clinical coursework. Clinical coursework is not covered by the scholarship.
- International students are not eligible to apply for this scholarship.
- It is the student's responsibility to monitor and meet graduation requirements within the 8-semester eligibility, if that is his/her goal.
- Students may apply for the scholarship for summer session. *Summer session will not be counted against the 8-semester limit.* The summer grade point will be counted against the required cumulative GPA requirement.

Scholarships

Approximately 180 academic and talent scholarships are available on a competitive basis for both new students entering the university, and students continuing their studies each year. The university uses one common application for all university scholarships and requires that students apply just once a year. *Beginning in the year 2003, and each year thereafter, scholarship applications will be available on September 1st. The application deadline is February 1st each year.* Students selected to receive scholarships are notified beginning April 1st. All scholarships are awarded for the following academic year.

Students interested in applying for a performance scholarships in Art, Theatre Arts or Music should complete the university scholarship application and contact the discipline department chairperson in early fall for an audition schedule.

A complete list and descriptions of UW-Parkside scholarships can be found on the university's website at: www.uwp.edu. Click on financial aid and follow the link to scholarships.

Tuition and Fees

Tuition and fees are set annually by the University of Wisconsin System Board of Regents and are subject to change without notice. Because these charges are approved each year and usually not until summer, current tuition and fees are not included in this catalog. Costs for the most recent year, 2000-2001, are included below. Students should anticipate a 10-percent increase for each upcoming year when estimating total costs of their education.

In 2002-2003, total estimated costs for a Wisconsin resident to attend UW-Parkside for one semester were \$2067.35, including \$1767.35 for tuition and fees and \$300 for books.

Tuition

The tuition schedule below was current for the 2002-2003 academic year.

Wisconsin Resident Tuition Fall and Spring Semesters

\$1,767.35 per semester for 12-18 credits

\$172.35 for first credit

\$145.00 for each subsequent credit up to 18

\$125.00 for each additional credit over 18

Nonresident Tuition Fall and Spring Semesters

\$6,790.35 per semester for 12-18 credits

\$591.35 for first credit

\$564.00 for each subsequent credit up to 18

\$544.00 for each additional credit over 18

Wisconsin Resident Summer Session 2002

\$1,175.85 for 12 credits

\$147.85 for first credit

\$116.00 for each subsequent credit

Nonresident Summer Session 2000

\$4,460.85 for 12 credits

\$512.85 for first credit

\$481.00 for each subsequent credit

A mandatory fee of \$1.35 to support activities of the United Council is assessed each student. The fee is used by the United Council to finance lobbying efforts and other activities on behalf of students. Students who do not wish to contribute to such activities may obtain refunds by written request to United Council of UW Student Governments, 122 State Street, Suite 500, Madison, WI 53703.

Audit Fees

Only students receiving Social Security Disability Insurance and those aged 60 or older when classes begin may audit classes at no charge. Others will be charged as follows:

1. Students taking a combination of credits and audits will be charged the normal per credit rate for all classes, whether audited or for credit.
2. Students taking audits only (with the exception of Social Security Disability Insurance recipients and those aged 60 or older) will pay approximately the following rates:
 - Resident student \$39.35 per audited credit
 - Non resident student \$273.35 per audited credit

Payment of Fees

Students who complete registration before fall and spring semesters begin will receive a class schedule and fee statement. Tuition is due one week from the start of classes.

Students who register before summer session begins will be sent a class schedule and fee statement. All students must pay tuition by Friday of the first week of classes. Fee information will be available by mid April.



If tuition is paid by an agency or employer, a letter of authorization to bill must be brought to the Cashier's Office at the time of registration or no later than the tuition due date — one week from the class start date.

All tuition payments can be made at the Cashier's Office. Late payments will be assessed a fee of \$5.00 per credit (up to a maximum of \$60) if paid after the tuition due date.

If tuition and fees are not paid by the Friday of the fourth week of classes, a 1 percent per month delinquency charge will be added each month until the balance is paid in full.

Any costs incurred by the university for the collection of unpaid balances will be assessed to the student's account.

Tuition/Housing and Food Service Installment Plan

Installment or payment plans are available during the fall and spring semesters for tuition, rent and food plan. The installment plan is not available for summer session. Special rules apply to financial aid recipients; please contact the Cashier's Office for additional information.

Students may apply for an installment or partial payment plan by filling out the University Credit Agreement and returning it to the Cashier's Office. This credit agreement is valid for all semesters for which a student is registered, unless revoked by UW-Parkside.

A \$20 membership fee is charged each semester the installment plan is used. The payment schedule for the installment plan(s) is:

1. The down payment equals 40 percent of semester charges plus \$20 membership fee due by the tuition due date—one week from the start of classes (payments made after this date result in administrative assessment fees which must be paid with the down payment). The down payment activates the installment plan for the current semester.

2. The second payment equals 50 percent of the “New Balance” and is due by the fifth week of classes.
3. The third payment equals the “New Balance” and is due by the 10th week of classes.

Specific dates will be published with each semester’s “Fee Facts” brochure.

Those on the credit plan will be billed for the second and third payments. Any or all of the three payments may be made by mail, if a signed credit agreement is on file.

The second and third payments are subject to a finance charge at the annual percentage rate of 12 percent, if paid more than 10 days past the due date.

Students with a demonstrated poor payment history may be denied access to a partial payment plan.

Fees for Adding Courses

Students taking more than 18 credits or part-time students adding credits during the semester will be assessed additional charges. Payment will be due during the week additional credits are added. No billing will be sent. Students who fail to pay during the week classes are added will be charged an administrative fee.

Fees for Dropping Courses

After the 10th day of classes, students will be charged a \$10 per credit fee for dropping classes. For module classes the fee is charged after the third class meeting. During the summer session the fee is charged after the 5th day of classes. This fee is in addition to the percentage charges assessed per the refund schedule.

Fees for Enrollment Changes

Beginning the 11th day of classes, students who drop and then add classes in the same week will be charged

- a. the \$10 per credit drop fee,
- b. the applicable charges for that week based on the refund schedule for the dropped class(es), and
- c. the additional per credit rate for the added class(es). The fee will not be charged for section changes of the same course.

Charges for Checks Returned for Non-sufficient Funds

Non-sufficient fund checks returned by the bank will not be redeposited. Students will be assessed a \$20 charge plus any additional late payment fees for returned checks and must make payment with cash, money order, or cashier’s check. Persons who have two checks totaling \$20 or more returned within a 12-month period will lose check-writing privileges campus-wide for one year.

Refunds For Withdrawals

Students withdrawing from UW-Parkside during the semester may be entitled to a partial refund of fees. The refund schedule for semester-length courses is as follows: 100 percent will be refunded if the student withdraws during the first or second week of classes; 50 percent during the third or fourth week.

No refunds will be given for semester-length classes dropped after the fourth week of classes.

Students who drop classes and are eligible for refunds based on the above refund schedule will receive refunds after the add/drop deadline.

The refund schedule for credit changes is the same as the schedule for withdrawals. The refund schedules for modular classes and summer sessions follow.

Four-Week Modular Classes

100 percent first week
25 percent second week

Five-Week Modular Classes

100 percent first week
50 percent second week

Eight-Week Modular Classes

100 percent first week
50 percent second week
25 percent third week

Summer Session Classes

100 percent first week
50 percent second week
25 percent third week

No refund will be given for classes dropped after the third week of classes.

Students in the Weekend College program have different payment dates and refund schedules.

Housing Refunds

Rent refunds will be prorated weekly, based on actual time spent living in campus housing less the \$50 non-refundable pre-payment/security deposit as outlined in the housing contracts.

Food Refunds

Students who withdraw from school prior to the sixth week of the semester are eligible for a prorated refund of the \$275 dining services portion of the enrollment fee. The \$25 Ranger Card administrative fee is non-refundable. All unused food dollars will be refunded to the student.

PROGRAMS AND POLICIES

University Governance (262) 595-2384

Undergraduate Degrees and Degree Requirements

UW-Parkside offers the undergraduate degrees of bachelor of arts (BA) and bachelor of science (BS). The major completed determines which bachelor's degree a student receives. Special rules may apply to students completing the consortial engineering and nursing programs and those who are seeking a second bachelor's degree. See sections on engineering, 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. Of the 120 credits required for graduation, students must complete at least 30 credits of work at UW-Parkside. At least 15 of the last 30 credits earned for a degree must be taken at UW-Parkside. Students who apply 60 or more transfer credits to a degree must earn all of their last 30 credits at UW-Parkside.
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. File a request for a degree summary/application to graduate and pay the required application fee. The degree summary process is the way in which students obtain institutional and departmental approval of their petition to graduate.

Degree Summary/Application to Graduate

In order to graduate, students must submit a request for a degree summary/application to graduate at the Student Records counter. A one-time, non-refundable fee, which is applied toward costs associated with graduation, is payable with the submission of the request. The degree summary, or DARS report, will reflect all outstanding degree requirements, including courses still needed to complete general education and the major. The adviser may need to make some changes to reflect current program policy or the likely availability of required courses in the major.

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 80 credits; part-time students should request the summary when they are within about 20 credits of graduation.

The necessary form can be obtained at the Student Records counter or in the Advising Center. For more information about the DARS report, see the section entitled Degree Auditing Report System.

GENERAL UNIVERSITY REQUIREMENTS

Students seeking teacher licensure and those enrolled in consortial nursing and engineering programs 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 2-year or 4-year UW System institution may choose to follow the general university requirements in effect the year they entered the previous institution. See the Advising Center for details.

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 for 3 credits (with a grade of C-minus or better) or are exempt from the requirement if their placement examination results are above English 101. Students must complete reading and writing skills within their first 60 academic credits. Students seeking teacher licensure must complete English 101 with a grade of C or better.

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 the computational skills requirement with the completion of an introductory course in algebra or a survey course of mathematics (either Mathematics 102 for 3 credits or Mathematics 111 for 4 credits) with a grade of C-minus or better. Students are exempt from the requirement if their placement examination results are above Mathematics 102 or Mathematics 111. Students must complete computational skills within their first 60 academic credits. Students seeking teacher licensure must complete the course that satisfies this requirement with a grade of C or better.

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.

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 33 credits outside of the skills requirements, distributed across several areas. A single course may be counted under one area only. Students may also meet these requirements through equivalent courses at other institutions or by otherwise demonstrating comprehension equivalent to completion of such courses.

Courses which meet general education distribution requirements are designated with an asterisk in the course number each semester. Courses are to be distributed as follows:

1. Humanities and the Arts.
A minimum of 12 credits is required including at least one course from area "A" and one course from area "B."
 - A. Literature (3-6 credits required)
 - B. The Arts (3-6 credits required)
 - C. Systems of Thought (0-6 credits required)
2. Social and Behavioral Science.
A minimum of 12 credits is required including 6 credits from area "A" and 6 credits chosen from area "B."
 - A. Human Science (6 credits required)
 - B. Historical Background and Multicultural Analysis (6 credits required)

3. Natural Science.

A minimum of 9 credits is required, with at least 3 credits in each of two of the following areas:

- A. Life Science (0-6 credits required)
- B. Chemistry (0-6 credits required)
- C. Earth Science (0-6 credits required)
- D. Physical Science (0-6 credits required)
- E. History and Philosophy of Science (0-6 credits required)
- F. Mathematics or Computer Science (0-6 credits required)

Students who plan to seek teacher licensure should consult with the Teacher Education Department as early as possible to learn of any special general education requirements.

III. Foreign Language Requirement

The purpose of the foreign language requirement is to familiarize students with communication in another culture and with its influence on other societies. This is satisfied by completing two semesters, or the equivalent of two semesters, of one foreign language and is to be completed by all degree-seeking students within the first 60 academic credits. The requirement is waived for students who: a) completed two years of one foreign language at a secondary school with an average grade of C or better (an average grade of C-minus is not acceptable) during the second year or b) completed three years in one foreign language at a secondary school. One high school unit and one college semester in the same language are also acceptable, provided that the college course is at least on the second-semester level. Students planning to complete this requirement with course work at another college or university are advised to obtain prior permission from the director of advising to ensure the acceptability of their plans.

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; specific testing dates and information are available at the Advising Center.

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 chair of the Department of Modern Languages 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 Department of Modern Languages.

Advanced students in a foreign language should consult with an adviser in the Department of Modern Languages.

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 the University of Wisconsin System Design for Diversity initiative, 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.



Transfer Students and General University Requirements

1. Transfer students should consult the Advising Center for detailed information on general education requirements.
2. Transfer courses which are the substantial equivalent of approved UW-Parkside general university (general education, skills, foreign language, and ethnic diversity) courses will be counted toward general education requirements.
3. Transfer students entering with freshman or sophomore standing (0-53 credits) will be required to meet UW-Parkside general education, skills, foreign language, and ethnic diversity requirements.

4. Transfer students entering with junior standing (54 credits or more) will be required to meet the distribution requirement by categories, NOT the specific distribution by sub-categories, e.g. “one course in Literature and one course in The Arts.” The distribution by categories is as follows:

Humanities and the Arts (12 credits)

Social and Behavioral Science (12 credits)

Natural Science (9 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 4-year universities and 2-year colleges) may follow the UW-Parkside general university requirements, which were in effect at the time they entered the previous institution. See the Advising Center for details.
6. Transfer students with a previously earned bachelor’s degree and/or 90 or more acceptable credits of multi-disciplinary course work from an accredited liberal arts, baccalaureate degree-granting college or university will be considered to have completed the UW-Parkside general education and skills requirements. They must meet the foreign language and ethnic diversity requirements. The same policy shall apply to students who hold associate degrees from the UW Colleges and to students holding associate of arts or associate of science degrees from accredited college parallel liberal arts programs. In order to receive this exemption, students must have 45 or more transferable credits.
7. Transfer students who complete 90 transferable credits (as outlined above), a bachelor’s degree, or an associate of arts or science degree (with at least 45 transferable credits) 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. The foreign language and ethnic diversity requirements are still required.
8. All transfer students must meet the ethnic diversity requirement and the foreign language requirement.
9. Grades earned in transfer are not included in the GPA on the UW-Parkside transcript.
10. Transfer courses are included in GPA calculation for purposes of computing minimum university, major, and minor GPA requirements for graduation and for calculating honors at graduation.

Certification of Transfer Students in Skills Requirements

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 102 or Mathematics 111 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 multi-disciplinary 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.

Academic Programs

UW-Parkside offers approximately 30 undergraduate academic majors as well as a number of pre-professional programs; education licensure; and specialized programs such as arts management, environmental studies, ethnic studies and women’s studies. Consortium programs are offered in nursing. The university’s academic programs are organized under two schools: the School of Business and Technology and the College of Arts and Sciences. UW-Parkside is accredited by the Higher Learning Commission and is a member of the North Central Association.

Majors and Degrees

In order to graduate, every degree-seeking (matriculant) 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 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:

- Art (BA)
- Biological Sciences (BS)
- Business Management (BS)
- Chemistry (BS)
- Communication (BA)
- Computer Science (BS)
- Criminal Justice (BA)
- Economics (BA)
- Engineering*
- English (BA)
- French Studies (BA)
- Geography (BA)
- Geosciences (BS)
- German Studies (BA)
- History (BA)
- Humanities (BA)
- Interdisciplinary Studies (BA)
- International Studies (BA)
- Mathematics (BS)
- Molecular Biology and Bioinformatics (BS)
- Music (BA)
- Nursing*
- Philosophy (BA)
- Physics (BS)
- Political Science (BA)
- Psychology (BS)
- Sociology/Anthropology (BA)
- Spanish (BA)
- Sport and Fitness Management (BS)
- Theatre Arts (BA)

* Consortial program degree awarded by the participating campus

Declaring a Major

Students begin with a major status of undeclared and remain so until they submit a Program Declaration form to the Advising Center 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 Center. Students who are accepted into their major after filing their Program Declaration are assigned advisers in their major department.

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 (i.e. art, music, engineering, business) are advised to consult with the appropriate department as early as possible.

Students are subject to the major requirements in force at the time they are first accepted in a particular major but may meet requirements established later by notifying either the director of advising or their major adviser, who will initiate an executive action to make sure that the student's choice becomes part of the permanent record and is reflected on the degree summary.

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

Minor Programs

UW-Parkside offers approximately 30 undergraduate minors, which consist of a formally approved program of 15 or more credits. Advisers are not assigned for minors. Students may obtain informal academic advice from faculty members from the appropriate department or program. A minor is not required for graduation.

Minors are declared by filing the same form used for declaring intended 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:

- Art
- Arts Management
- Biological Sciences
- Business
- Chemistry
- Communication
- Computer Science
- Criminal Justice
- Economics
- English
- Environmental Studies
- Ethnic Studies
- French Studies
- Geography
- Geosciences
- German
- History
- International Studies
- Mathematics
- Music
- Philosophy
- Physics
- Political Science
- Psychology
- Public Policy
- Sociology/Anthropology
- Spanish
- Theatre Arts
- Women's Studies

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 business majors, concentrations are optional. The following concentrations are offered by majors at UW-Parkside:

Art

- Ceramics
- Crafts
- Drawing
- Graphic Design
- Illustration
- Painting
- Printmaking
- Sculpture
- Studio Art

Business

- Accounting
- Finance
- General Business
- Human Resource Management
- Management Information Systems
- Marketing

Chemistry

- Biochemistry

Computer Science

- Computer Engineering

Economics

- Quantitative

English

- Language Arts
- Writing

Geography

- Applied Environmental Geography
- Geographic Planning

Geosciences

- Earth Science
- Environmental Sciences
- Geology
- Soil and Water Sciences

Interdisciplinary Studies

- Independently Designed
- Organizational Studies
- Women’s Studies

Music

- Arts Management
- Jazz Studies
- Music Performance
- Musical Theatre
- Piano Pedagogy and Literature

Political Science and Law

- Law

Sociology

- Anthropology

Theatre Arts

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

Certificate Programs

Certificate programs are designed to develop a particular expertise or set of skills and normally consist of 9 or more credits. Both degree-seeking (matriculant) 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.

Art

- Animation
- Art History
- Arts Management

Communication

- Conflict Analysis and Resolution
- Community-Based Learning

Computer Science

- Unix System Administration
- World Wide Web Publishing

Engineering

- Digital Control Systems

English

- Professional Writing
- Film Studies

Geography

- Geographic Information Systems (GIS)

Health, Physical Education and Athletics

- Coaching
- Fitness
- Sport Management

Institute for Community-Based Learning

- Community-Based Learning

Interdisciplinary Studies

- Leadership

International Studies

- Global Skills

Modern Languages

- Spanish for Professionals

Music

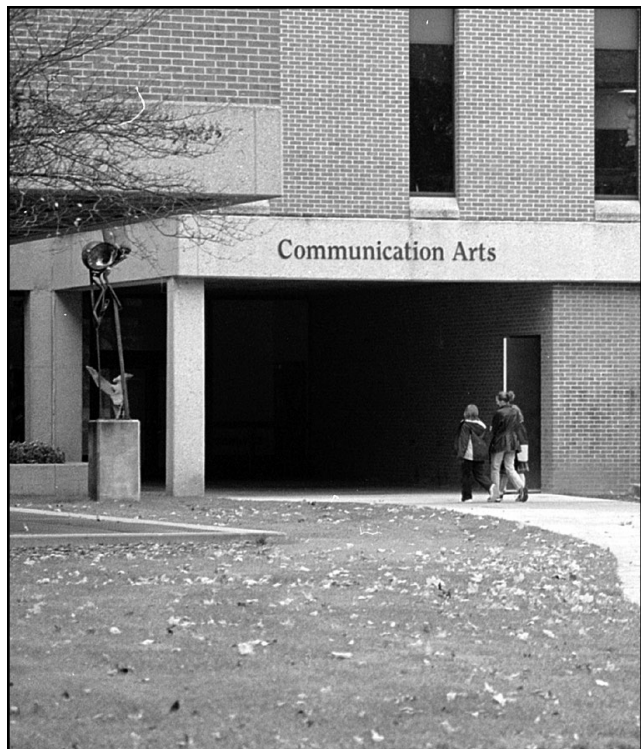
- Piano Pedagogy and Literature

Sociology/Anthropology

- Gerontology
- Museum Studies

The UW-Parkside Honors Program

The UW-Parkside Honors Program is one way that the university encourages and celebrates excellence. This university-wide program gives students who complete it independent recognition at graduation and on their transcripts. To enroll in honors seminars or sections, or to begin honors projects or theses, students must be admitted to the program. Admission is granted by the program steering committee; applications are accepted every semester. Consult the Honors Program section of this catalog for more details.



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 Program Declaration form to the Advising Center 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
- Chiropractic Medicine*
- Dentistry*
- Law
- Medicine (M.D. and D.O.)*
- Occupational Therapy*
- Engineering**
- Optometry*
- 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 Career Center for advice.

** Consortial program with UW-Milwaukee and other institutions.

Teacher Education

Students who intend to pursue teacher licensure must complete the Petition for Admission form. They should contact the teacher education liaison in their major department and the teacher education adviser at (262) 595-2100.

Teacher Licensure Programs

- Early Childhood: Birth to Age 8
- Middle Childhood to Early Adolescence: Age 6-12
- Early Adolescence to Adolescence: Age 10-21
- Early Childhood to Adolescence: All ages
- Learning Disabilities (consortial program with Carthage College)

For additional information, consult the teacher education section.

Master's Degree Programs

The university offers the following graduate degree programs.

- Master of Business Administration (MBA)
- Master's Degree in Administrative Leadership and Supervision and/or Principalship Certification (consortial program with UW-Milwaukee)

- Master's Degree in Cultural Foundations of Education (consortial program with UW-Milwaukee)
- Master of Science in Applied Molecular Biology (MAMB)
- Master of Science in Computer and Information Systems (MSCIS)

Additional graduate course work is offered in other fields of study. For further information on graduate programs, consult the graduate 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:

- Business
- Criminal Justice
- Computer Science
- English
- Psychology
- Sociology/Anthropology (Sociology option only)

A master's degree in business administration and a master's degree in computer and information systems can be completed in the evening as well.

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.

Weekend College

Because UW-Parkside recognizes the growing demand for educational opportunities to be offered at times convenient for working adults, the weekend schedule has been carefully fashioned to meet their needs. The organizational studies concentration of the interdisciplinary studies major is a degree-completion program that enables students with at least 60 transfer credits to receive their bachelor of arts degree by attending classes on weekends. Course offerings focus on issues in organizations and structures in human resource development, a topic of significant importance in business today. Classes meet in four-hour formats on Friday evenings and Saturdays for 10 weeks.

Directed Studies/ 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 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 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.

UNDERGRADUATE POLICIES

Courses That Do Not Count Toward Graduation

Several UW-Parkside courses (e.g. those which provide remedial work in English and mathematics) 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). These courses are designated in the course schedule with a # sign.

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, preferably before enrollment off campus. 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.

Double Major

Students who complete two or more majors that normally lead to different degrees (bachelor of arts and bachelor of science) earn only one degree. Students must choose which degree they will earn at the time they file their degree summary request.

Completion After Graduation

Students may, after graduation from UW-Parkside, complete a minor, concentration, certificate, or additional major. A statement will be added to the student's transcript, noting the completion of such major or minor concentration, 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" above.

Credit/No-Credit Courses

A few 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, so that 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 regular class 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 class load. For more information, see section entitled "Audit."

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 is obtained in the Advising Center and must be signed by the director of advising (for general university requirements), the academic adviser (for major requirements), or departmental faculty (for minor requirements). Once the student has obtained the proper signatures, the form must be submitted to Student Records.

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 Student Records. 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 Advising Center (for general university 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 the Advising Center and in each academic department and must be submitted to Student Records in order for the action to be official. Executive actions must be submitted by the faculty member; forms submitted by students will not be accepted.

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 4-year accredited institution.
- Degree-seeking transfer students with 90 or more acceptable 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 2-year institution with an accredited college-parallel liberal arts program.

60 Credit Rule:

- Transfer students who have earned 60 or more transfer credits must complete their final 30 credits at UW-Parkside. This is referred to as the Residency Requirement.

45 Credit Rule:

- 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 Rule:

- Degree-seeking students must earn a minimum of 30 credits at UW-Parkside toward their degree (Residency Requirement).

15 Credit Rules:

- Students must complete at UW-Parkside a minimum of 15 credits in their major in courses numbered 300 or above.
- For all students, at least 15 of their last 30 credits earned toward a degree must be taken at UW-Parkside. Transfer students bringing 60 or more credits from another institution(s) must earn all of their last 30 credits at UW-Parkside.
- Only the first 15 credits earned at UW-Parkside by non-degree seeking students may later be applied toward undergraduate degree requirements.
- A maximum of 15 general education credits may be accepted from Wisconsin Technical College System institutions. Courses must have been completed in fall 1987 or later. Also, two specified courses in math and science may be accepted.

8 Credit Rule:

- No more than the first 8 credits of 1-credit physical activity courses (100 level) offered by the Health, Physical Education and Athletics Department or earned in transfer can be counted toward the GPA and/or toward graduation.

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 and Touch-Tone registration systems will not allow unadvised students to register for course work for the fall and spring semesters.

Class 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 director of advising. 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 the 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 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 class 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 naturally 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.

Registration Changes

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 with the third week, a course may not be added. The Registrar's Office 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 Registrar's Office will determine comparable deadlines for courses less than a semester in length. After the deadline, 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 Advising Center no later than the last day of instruction. The request must include a written explanation of the circumstances leading to the request. Requests will be reviewed periodically 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.)

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.

Repeated Courses

Repeated 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 which 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 Registrar's Office 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 Center for current policy.

EXAMINATIONS

Final Examinations

Most courses terminate in a two-hour written examination at the end of the term. During the fall in 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 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.

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 Testing Center in Wyllye 107 or at (262) 595-2040.

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 major areas of the general education requirements. Students hoping to use credit by examination to meet the foreign language requirement should consult with the modern language chair 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

A number of external agencies provide examinations which may be acceptable for credit at UW-Parkside. Students interested in following this route should consult the Advising 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 maintained in the Advising Center. In all other cases, the appropriate department faculty will determine whether credit will satis-

fy: 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 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 Testing Center at (262) 595-2040 to determine which examinations are accepted.

National Tests

UW-Parkside serves as a test site for many of the standardized national exams often required for admission to undergraduate and graduate programs. Some of the national exams administered at UW-Parkside include the ACT, NTE, PPST, and SAT. UW-Parkside does not offer all the tests on every national examination date. To confirm dates and times, contact the Advising Center in WYLL 107 or call (262) 595-2605.

Credit for Experiential Learning

UW-Parkside students have the opportunity to seek credit based on 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. Experience has shown that most students spend from three to six months preparing portfolios for faculty review.

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 toward general education, major, or general electives. A maximum of 30 credits can be awarded.

The CEL portfolio is a collection of written evidence that supports the student's claim of experience-based learning. Faculty may interview students and/or administer examinations when additional information is needed to substantiate the request. The portfolio should contain two major components: a CEBL narrative and accompanying documentation.

The CEL narrative describes the learning in detail and is similar in terms of effort to a major term paper for a course. The narrative discusses 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.

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.

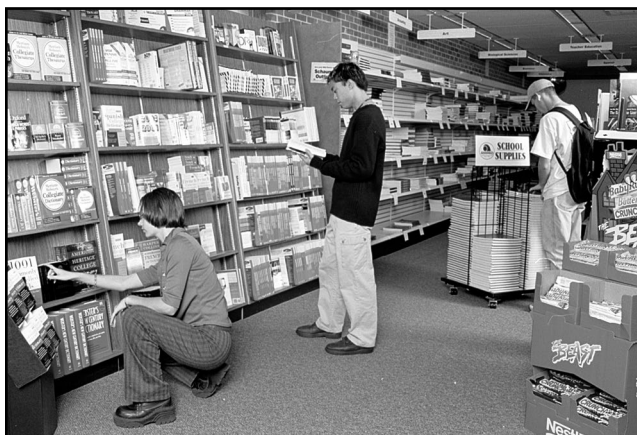
Students interested in pursuing the CEL process should study the statements on CEL Policies, CEL Procedures and the CEL Portfolio.

Credits for Military Service

Students who seek credits based on military course work must provide one of the following types of documentation to the Registrar's Office:

- DD214
- DD295
- AARTS Transcript/SMART Transcript
- Certificate of Completion

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 basic training, 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, obtainable from the Registrar's Office, and other documentation that outlines course content.

A student may pursue CLEP/DANTES testing or academic departmental testing for additional credit. Credit will be granted for CLEP/DANTES on the recommendation of the testing coordinator; credit will be granted for academic departmental examinations upon departmental recommendation.

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.

Courses which appear in the course schedule with a pound (#) sign are designated as remedial. Credit earned in courses bearing this symbol does not count toward the 120 credits required for graduation. Other courses appear in the course schedule with an asterisk (*) before the course number. This symbol designates the course has been approved to satisfy a general education requirement.

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 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

TABLE 1. GRADES

Grade		Total Quality Points				
		<u>1 cr</u>	<u>2 cr</u>	<u>3 cr</u>	<u>4 cr</u>	<u>5 cr</u>
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

- 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.

Retaken (RT)

This grade is assigned when a UW-Parkside course is retaken by a transfer course or by a UW-Parkside course which is not the exact equivalent of the original course (Executive Action for substitution required). The title of the original course is changed to reflect the original grade earned as well as the number of the course that replaces it and the semester it was completed.

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 "I" 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 general 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 Registrar's Office, 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 which 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. Please see the Advising Center or the Office of the Registrar for policy information.

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 (excluding summer session) following that in which the grade is received. (NOTE: If the department chair is the instructor whose grade is being appealed, the departmental executive committee shall designate another member of the department 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 Association.
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 Association. The committee shall report its decision to the dean, who shall direct a grade change, if necessary.

Academic Probation and Suspension Policy

Every student is expected to maintain at least a 2.00 GPA on all work carried in every term, including summer sessions. Students who fail to maintain this minimum GPA will face probation, strict probation, or suspension, as specified below. Every student can determine his/her academic status at the end of each term using his/her status at the beginning of the term and the GPA at the end of the term.

If a student is not on probation and:

1. earns a GPA that term of lower than 2.00 but 1.00 or higher, the student is placed on probation, or
2. earns a GPA that term of lower than 1.00, the student is placed on strict probation.

If a student is on probation and:

1. earns a GPA that term of lower than 2.00 but 1.50 or higher, the student is placed on strict probation, or
2. earns a GPA that term of lower than 1.50, the student is suspended for at least one year.

If a student is on strict probation and:

earns a GPA during a term of less than 2.00, the student is suspended for at least one year.

Any student on probation or strict probation will be automatically cleared of probation at the end of any term when:

1. the term's GPA is 2.00 or better on any number of credits, and
2. the cumulative GPA is 2.00 or better, and
3. the academic record contains no grades of Incomplete.

Readmission Following an Academic Suspension

A student who has been suspended for a year may appeal to the Academic Actions Committee. Information about the appeal process is available at the Advising Center.

Readmission to the university following the serving of a suspension is not automatic. Students must apply for readmission through the Admissions Office and also submit a request for readmission to the Academic Actions Committee.

Academic Honors for Undergraduate Students

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

The Dean's List

The university recognizes outstanding academic performance 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 students who have taken 9 credits or more and attained a semester GPA of 3.50 or higher. 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, including those grades of C-minus or better for which academic forgiveness has been granted (courses with grades of D-plus and lower that do not count toward graduation 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 3.5 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). 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 their 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, UW-Parkside will not release a student's academic transcript to a third party without the student's written consent. For this reason, Student Records cannot honor telephone requests for transcripts. To obtain an official transcript, students or former students must submit a written request to Student Records. Requests may be submitted on a transcript request form, available from the Student Records counter, or they may submit a request in letter form, with the following information:

- The student's printed name
- The student's current address and telephone number
- The student's Social Security or student identification number





- Approximate dates the student attended UW-Parkside
- Address to which the transcript should be sent
- Signature of the student requesting the transcript
- The appropriate fee

Transcript requests are processed within five working days; for an additional charge, transcripts will be given priority service (sent by first-class mail within 24 hours of the receipt of the request, or processed immediately, if the request is made in person). Upon graduation, students receive a free copy of their official transcript when they receive their diplomas. Students who need only unofficial transcripts may obtain them from the Advising Center at no cost, provided the student presents a valid form of identification.

The Advising Center

Academic advising is coordinated at UW-Parkside by the Advising Center, located in Wyllie Hall 107. Upon admission to the university, every degree-seeking (matriculant) student is assigned an academic adviser or advisers. An undeclared student is assigned to an

academic adviser or a faculty member who has volunteered to provide this type of advising; a student who has declared a major is assigned to a faculty member from that 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 spring or fall classes. Each term, advising begins approximately two weeks prior to the registration period.

The Advising Center is also the place where students may obtain unofficial transcripts, copies of their course schedules, DARS reports, permission to take a course overload (more than 20 credits for the fall and spring semesters or more than 12 credits for the summer term), declare majors and minors, and obtain academic information of all kinds. Add/drop forms, change of name, address and adviser forms are available there. Student employees will look up office and telephone numbers of faculty and staff and assist students in any other way they can.

Degree Audit Reporting System (DARS)

The Degree Audit Reporting System (DARS) provides an automated report, which assists students in determining the courses they must complete in order to graduate. Students may obtain a DARS report from the Advising Center at any time after they register for their first semester of courses.

Transfer course work: The Registrar's Office applies transfer courses to 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.

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 is completed in the Registrar's Office. This is completed at the time the student submits the degree summary request/graduation application, with the appropriate fee, to Student Records.

GRADUATE PROGRAMS

UW-Parkside offers graduate degree programs leading to the master of science in applied molecular biology (MAMB), the master of science in computer and information systems (MSCIS) or the master of business administration (MBA) degree. It also has two consortial graduate programs in education with the University of Wisconsin-Milwaukee: master of science in administrative leadership and master of science in cultural foundation of education. 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 of 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 UW-Parkside's Office of Testing (262) 595-2321 or write directly to the Educational Testing Service, P.O. Box 966, Princeton, NJ 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 policies 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, NJ 08540, as part of the admissions application. As a general rule, applicants with TOEFL scores of 550 or higher (213 or higher for the computer-based test) are considered to have adequate English ability; those below 550 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 1 for September admission or November 1 for January admission. International students must be aware that, with the exception of the applied molecular biology program, UW-Parkside's graduate degree programs are intended primarily for part-time evening students. A student whose visa requires full-time attendance may have difficulty finding sufficient courses that fit the program to fill a full-time schedule. Contact the graduate program for further information.

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.

Financial Aid for Graduate Students

Graduate students are eligible for many of the government programs available to undergraduates. Limited financial aid is also available explicitly for graduate students. Inquire at the appropriate graduate program office concerning any aid or jobs available through the faculty.

The Financial Aid Office can help eligible students with work-study, veteran's program benefits, or the student loan programs. (See description of the office's services for undergraduate.) The state of Wisconsin has established the Advanced Opportunity Program (AOP) which gives fellowships to needy students, especially those from minority groups or disadvantaged backgrounds who are pursuing a degree program. At UW-Parkside, both full-time and part-time students may receive AOP assistance; for information contact the Financial Aid Office.

Veterans Benefits

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. Veterans' benefits are coordinated in the Registrar's Office.

To be certified for benefits, veterans enrolling for the first time must submit an Application for Educational Benefits form, and students who were receiving benefits at another school must submit a Request for Change of Place of Training form. At the beginning of each semester, veterans must submit a Request for Benefits form to continue receiving benefits. Veterans interested in state of Wisconsin benefit programs must contact their county veterans service office. Veterans who have not attended UW-Parkside for one or more semesters should contact the Registrar's Office when applying for reentry to the university.

Tuition and Fees

Tuition and fees are set annually by the University of Wisconsin System Board of Regents and are subject to change without notice. Because these charges are approved each year and usually not until summer, current tuition and fees are not included in this catalog. Costs for the most recent year, 2000-2001, are included below. Students should anticipate a 10 percent increase for each upcoming year when estimating total costs of their education.

In 2000-2001, the total estimated cost for a Wisconsin resident to attend graduate school full time at UW-Parkside for one semester was \$2,128.85 plus the cost of books.

Wisconsin Resident Graduate Tuition Fall and Spring Semesters

\$2,128.85 per semester for 9-18 credits.

\$250.85 for first credit.

\$228.00 for each subsequent credit up to 9.

Nonresident Graduate Tuition Fall and Spring Semesters

\$6,600.85 per semester for 9-18 credits.

\$747.85 for first credit.

\$725.00 for each subsequent credit up to 9 credits.

In addition to regular graduate fees, MBA students will be charged a surcharge of \$236.00 for full-time enrollment or \$27.00 per credit for part-time enrollment.

A mandatory fee of \$1.35 to support activities of the United Council is assessed each student. The fee is used by the United Council to finance lobbying efforts and other activities on behalf of students. Students who do not wish to contribute to such activities may obtain refunds by written request to United Council of UW Student Governments, 122 State Street, Suite 500, Madison, WI 53703.

Payment of Fees

Tuition is due one week from the start of classes for the fall and spring semesters and by Friday of the first week of classes for the summer session. If tuition is paid by an agency or employer, a letter of authorization to bill must be brought to the Cashier's Office at the time of registration or no later than the tuition due date—one week from the class start date.

All tuition payments can be made at the Cashier's Office. Late payments will be assessed a fee of \$5.00 per credit (maximum of \$60) if paid after the tuition due date. If tuition/fees are not paid by the Friday of the fourth week of classes, a 1 percent per month delinquency charge will be added each month until the balance is paid in full.

Any costs incurred by the university for the collection of unpaid balances will be assessed to the student's account. Installment or payment plans are available during the fall and spring semesters. Contact the Cashier's Office for information.

Fees for Adding Courses

Students taking more than 18 credits or part-time students adding credits during the semester will be assessed additional

charges. Payment will be due during the week additional credits are added. No billing will be sent. Students who fail to pay during the week classes are added will be charged an administrative fee.

Fees for Dropping Courses

After the 10th day of classes, students will be charged a \$10 per credit fee for dropping classes. For module classes the fee is charged after the third class meeting. During the summer session, the fee is charged after the fifth day of classes. This fee is in addition to the percentage charges assessed per the refund schedule.

Fees for Enrollment Changes

Beginning the 11th day of classes, students who drop and then add classes in the same week will be charged

- a. the \$10 per credit drop fee,
- b. the applicable charges for that week based on the refund schedule for the dropped class(es), and
- c. the additional per credit rate for the added class(es). The fee will not be charged for section changes of the same course.

Non-Sufficient Check Charges

Non-sufficient checks returned by the bank will not be redeposited. Students will be assessed a \$20 charge plus any additional late payment fees for returned checks and must make payment with cash, money order or cashier's check. Persons who have two checks totaling \$20 or more returned within a 12-month period will lose check writing privileges for one year.

Refunds for Withdrawals

Students withdrawing from UW-Parkside during the semester may be entitled to a partial refund of fees. The refund schedule for semester-length courses is as follows: 100 percent will be refunded if the student withdraws during the first or second week of classes; 50 percent during the third or fourth week. No refunds will be given for semester-length classes dropped after the fourth week of classes. Consult the Programs and Policies section of this catalog for the refund schedule for modular classes and the summer session.

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):

1. 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 Student Records Office. 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 at a particular institution. It contains courses taken, grades received, and other academic data. UW-Parkside asks each student for transcripts from other colleges for admission purposes. Employers and other universities to which a student is transferring may request a copy of the UW-Parkside transcript. Sometimes they want the copy of the transcript mailed directly to them from UW-Parkside. To obtain a transcript of academic credits or to have one mailed to someone else, a student or former student should complete a transcript request form to the Student Records office. Written requests in letter form will also be honored if they include a printed name, the student's current address, Social Security number, dates of attendance and a delivery address. The request must be signed by the student and must include the appropriate fee. Under the Family Rights Amendment of 1974, The university must receive the student's written authorization to release the transcript, so it cannot respond to telephone requests. Transcripts are mailed where directed within five working days; for an additional charge, transcript requests will receive priority service (sent first-class mail within 24 hours of receipt of the request). Each student receives a free official transcript with the diploma upon graduation. A student may request unofficial transcripts at no cost at the Advising Center at any time after he/she registers for the first semester of course work.

Registration Changes

Adding a Course

A student may add any course for which he/she has the prerequisites during the first week of the semester. During the second week, appropriate courses may be added with the written consent of the instructor. Beginning with the third week, a course may not be added. The Registrar's Office will determine comparable deadlines for courses less than a semester in length.

Dropping a Course

A student may drop any full semester course during the first half of the semester. The Registrar's Office will determine comparable deadlines for courses less than a semester in length. After the deadline, 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 student's program office no later than the last day of instruction. 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.

Retaking Courses

Graduate students may retake a course, but they will not receive additional credit if the course was passed previously. The grade received each time the course is taken will appear on the student's record. Only the most recent grade received at UW-Parkside will be used in calculating GPAs at UW-Parkside. Graduate students may not retake a course more than once. Graduate students may request that a course subsequently taken at another university be counted as a retake for a course previously taken at UW-Parkside. Such a request must be submitted to the appropriate program faculty at UW-Parkside. If they certify that such a course is equivalent to the course taken at UW-Parkside, the grade assigned to the course when taken at UW-Parkside will no longer be included in the computation of the student's UW-Parkside GPA. Graduate students who wish to take a course at another university and have it certified as equivalent to a UW-Parkside graduate course for purposes of improving their grade should seek such certification of equivalency before they register for the course.

Repeated Courses

This term refers to courses that may be taken a second or third time for additional credit.

Course Prerequisites

The catalog and the semester course schedule list prerequisites for many courses. These are intended to make sure that all students in the particular course have the knowledge and experience they need to benefit from it. Typical prerequisites include previous course work, concurrent registration, and instructor's consent. Students who lack the prerequisites but believe they have equivalent backgrounds should consult the instructor before enrolling. Students may enroll in any course for which they have completed the necessary prerequisites or obtained the consent of the instructor.

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.

Grade Changes

A recorded grade will not normally be changed except for a demonstrated error on the part of the instructor or Registrar's Office. 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 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 notwithstanding, 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 Registrar's Office 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.

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.

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Director, Educational Support Services
 Mary Power
Director, Advising
 Kathy Wyler
Bursar
 Dexter Yarbrough
Director, UW-Parkside Police Department
 David Williams
Director, Athletics

FACULTY/INSTRUCTIONAL STAFF

A

Fay Yokomizo Akindes

Associate Professor, Communication
Ph.D. Ohio University 2001

Simon Akindes

Associate Professor, Teacher Education
Ph.D. Ohio University 1996

Lori B. Allen

Associate Professor, Chemistry
Ph.D. Southern Illinois University Carbondale 1989

Sandra Anderson

Senior Lecturer, Chemistry
M.S. University of Iowa 1966

Leon Applebaum

Emeritus, Economics

B

Dirk S. Baldwin

Associate Professor, Information Systems
Ph.D. Texas Tech University 1989

Joseph S. Balsano

Emeritus, Biological Sciences

Robert D. Barber

Assistant Professor, Biological Sciences
Ph.D. University of Wisconsin-Madison 1997

Trenton W. Baylor

Assistant Professor, Art
M.F.A. University of Wisconsin-Madison 1999

Dennis G. Bayuzick

Associate Professor, Art
M.F.A. Ohio University 1975

David R. Beach

Associate Professor, Psychology
Ph.D. University of Rochester 1967

Frances E. Bedford

Emeritus, Music

Timothy R. Bell

Associate Professor, Music
M.M.E. North Texas State University 1968

Sylvia Beyer

Associate Professor, Psychology
Ph.D. University of Oregon 1991

Paul D. Boyer

Assistant Professor, Biological Sciences
Ph.D. UCLA 1986

Richard Brown

Emeritus, Business

Andrew Brunner

Professor, Mathematics
Ph.D. Australia National University 1973

Andrew Brunner

Lecturer, Physics
Ph.D. New Mexico State University 1981

John D. Buenker

Emeritus, History

C

John Campbell

Emeritus, Geography

Robert H. Canary

Professor, English
Ph.D. University of Chicago 1963

G. Lynn Carlson

Senior Lecturer, Chemistry
Ph.D. University of North Carolina 1973

J. Kenneth Cashion

Emeritus, Chemistry

Theresa R. Castor

Assistant Professor, Communication
Ph.D. University of Washington 1999

Tsun-Mei Chang

Assistant Professor, Chemistry
Ph.D. Columbia University 1992

Jamie Cheatham

Assistant Professor, Theatre Arts
M.F.A. Virginia Commonwealth University 2000

Chong-Maw Chen

Emeritus, Biological Sciences

Christine Christie

Lecturer, English
M.F.A. University of North Carolina 1988

S. Richard Christoph

Associate Professor, German
Ph.D. University of Illinois at Champaign-Urbana 1980

Norman R. Cloutier

Professor, Economics
Ph.D. West Virginia University 1981

Herbert Colston

Associate Professor, Psychology
Ph.D. University of California Santa Cruz 1995

Edward L. Conrad
Clinical Professor, Psychology
 Ph.D. Loyola University 1978

Harold W. Coppock
Emeritus, Psychology

Arthur V. Corr
Emeritus, Accounting

Donald Cress
Professor, Philosophy
 Ph.D. Marquette University 1972

Karen Crooker
Associate Professor, Human Resources Management
 Ph.D. Indiana University 1999

James Crowley
Associate Professor, Music
 D.M. Northwestern University 1993

Deena Curtis
Clinical Assistant Professor, Physical Education
 M.S.E. Wayne State College 1997

D

Wayne E. Dannehl
Emeritus, Physical Education

Surinder P. Datta
Emeritus, Biological Sciences

James S. Dean
Professor, English
 Ph.D. University of Birmingham 1962

Douglas T. DeVinny
Professor, Art
 M.F.A. Indiana University 1972

Linda K. Draft
Clinical Associate Professor, Associate Director, Physical Education
 M.S. Michigan State University 1977

Arthur L. Dudycha
Emeritus, Quantitative Methods/Human Resource Management

Larry L. Duetsch
Emeritus, Economics

E

Erica Eddy
Lecturer, Computer Science
 M.S. University of Iowa 1986

Frank N. Egerton
Professor, History
 Ph.D. University of Wisconsin-Madison 1967

Mark Eichner
Associate Professor, Music
 M.M. University of Texas 1973

Martin E. Eigenberger
Assistant Professor, Teacher Education
 Ph.D. University of Wyoming 1996

O. Oko Elechi
Assistant Professor, Criminal Justice
 Ph.D. Simon Fraser University 1999

Robert E. Esser
Emeritus, Life Science

Christine V. Evans
Professor, Geological Sciences
 Ph.D. University of Wyoming 1997

F

Walter T. Feldt
Professor, Engineering
 Ph.D. Northwestern University 1968

Aida Fill
Lecturer, Spanish
 M.A. University of Wisconsin-Milwaukee 1996

Morris W. Firebaugh
Emeritus, Computer Science

Timothy V. Fossum
Professor, Computer Science
 Ph.D. University of Oregon 1968

Thomas Fournelle
Professor, Mathematics
 Ph.D. University of Illinois at Champaign-Urbana 1978

Gerald A. Fowler
Emeritus, Geology

M. Shirley Fraser
Emeritus, Chemistry

Richard G. Frecka
Emeritus, Physical Education

Susan Funkenstein
Assistant Professor, Art History
 Ph.D. University of Wisconsin 2001

G

Alvaro Garcia
Assistant Professor, Music
 M.M. Yale University 2001

Eugene C. Gasiorkiewicz
Emeritus, Biological Sciences

Michele V. Gee
Associate Professor, Management
 Ph.D. University of Wisconsin-Milwaukee 1994

Laura S. Gellott
Associate Professor, History
 Ph.D. University of Wisconsin-Madison 1982

David Glaub*Lecturer, English*

M.A. University of St. Thomas 1996

Alan Goldsmith*Associate Professor, Art*

M.F.A. University of Wisconsin-Madison 1982

Patrick A. Goldsmith*Assistant Professor, Sociology/Anthropology*

Ph.D. University of Arizona, Tucson 1999

Eugene M. Goodman*Emeritus, Biological Sciences***Walter R. Graffin***Associate Professor, English*

Ph.D. University of Wisconsin-Madison 1969

Stella C. Gray*Emeritus, English***Ben Greenebaum***Emeritus, Physics***Gerald M. Greenfield***Professor, History/International Studies*

Ph.D. Indiana University 1975

Katherine Gregory*Assistant Professor, Communication*

M.S. Syracuse University 2000

Vera Kolb Gregory*Professor, Chemistry*

Ph.D. Southern Illinois University-Carbondale 1976

Alan B. Grossberg*Emeritus, Applied Science and Physics***Ross Gundersen***Associate Professor, Biological Sciences*

Ph.D. University of Illinois at Champaign-Urbana 1977

Anne M. Gurnack*Professor, Political Science*

Ph.D. University of Texas at Arlington 1979

Michael B. Gurtman*Professor, Psychology*

Ph.D. University of Connecticut 1979

H**Susan M. Haller***Associate Professor, Computer Science*

Ph.D. SUNY Buffalo 1994

Stuart Hansen*Associate Professor, Computer Science*

Ph.D. University of Iowa 1993

Benjamin Harris*Professor, Psychology*

Ph.D. Vanderbilt University 1975

Stephen R. Hawk*Associate Professor, Management Information Systems*

Ph.D. University of Wisconsin-Madison 1987

Oliver S. Hayward*Assistant Professor, History*

Ph.D. University of Wisconsin-Madison 1973

David C. Higgs*Assistant Professor, Biological Sciences*

Ph.D. Iowa State University 1994

David V. Holmes*Professor, Art*

M.F.A. University of Wisconsin-Madison 1972

Rosemary Hunkeler*Emeritus, English***I****Norbert Isenberg***Emeritus, Chemistry***J****Carol A. Jagielnik***Senior Lecturer, English*

M.A. University of Chicago 1985

Mark James*Senior Lecturer, Physics*

M.S. University of Missouri at St. Louis 1986

Peggy A. James*Associate Professor, Political Science*

Ph.D. University of Wisconsin-Milwaukee 1988

Rollin G. Jansky*Emeritus, Art***Wayne G. Johnson***Emeritus, Philosophy***Richard Judge***Professor, Chemistry*

Ph.D. McMaster University 1977

K**Dennis A. Kaufman***Associate Professor, Economics*

Ph.D. University of Kansas 1987

Frances Kavenik*Professor, English*

Ph.D. University of Wisconsin-Madison 1977

John P. Keating*Professor, Psychology*

Ph.D. Ohio State University 1972

Richard Keehn*Emeritus, Economics*

Farida C. Khan

Associate Professor, Economics

Ph.D. University of Maryland 1990

Richard A. Kilps

Clinical Associate Professor, Physical Education

M.S. Bowling Green State University 1977

James B. Kinchen, Jr.

Professor, Music

Ed.D. University of North Carolina 1984

Julie King

Senior Lecturer, English

M.A. University of Texas-El Paso 1984

Lenny Klaver

Associate Professor, Physical Education

Ed.D. University of Northern Colorado 1994

James P. Koch

Clinical Assistant Professor, Physical Education

M.S. South Dakota State University 1974

Zahra Kohneh

Lecturer, Mathematics

B.S. National University of Iran 1979

B.S. University of Wisconsin-Parkside 1995

Donald D. Kummings

Professor, English

Ph.D. Indiana University 1971

L

Maria Leavitt

Senior Lecturer, Spanish

M.A. University of Arizona 1981

Youn-Woo Lee

Professor, Mathematics

Ph.D. University of Michigan 1976

Wendy Leeds-Hurwitz

Professor, Communication

Ph.D. University of Pennsylvania 1983

Mary Lenard

Assistant Professor, English

Ph.D. University of Texas at Austin 1996

Zhaohui Li

Associate Professor, Geological Sciences

Ph.D. SUNY Buffalo 1994

Alexander Lichtman

Professor, Mathematics

Ph.D. Moscow State University 1965

Carl M. Lindner

Professor, English

Ph.D. University of Wisconsin-Madison 1970

Susan Lincke-Salecker

Assistant Professor, Computer Science

Ph.D. Illinois Institute of Technology 2002

Judith Logsdon

Senior Lecturer, English

M.A. University of Tulsa 1970

M.A. Emerson International Institute for Communication 1995

John L. Longeway

Associate Professor, Philosophy

Ph.D. Cornell University 1976

Penny Lyter

Associate Professor, Physical Education

Ph.D. University of Wisconsin-Madison 1997

M

Michael T. Manion

Assistant Professor, Marketing

M.B.A., A.B.D. University of Illinois - Chicago

Peter A. Martin

Emeritus, English

Rebecca Martin

Professor, Political Science

D.P.A. University of Southern California 1992

Gregory C. Mayer

Associate Professor, Biological Sciences

Ph.D. Harvard University 1989

Lester I. McCann

Associate Professor, Computer Science

Ph.D. North Dakota State University 1994

Patrick A. McGuire

Senior Lecturer, English

M.Phil. New York University 1981

Randall M. McKee

Senior Lecturer, Biological Sciences

M.S. Kansas State University 1969

James McKeever

Professor, Music

D.M.A. University of Cincinnati 1975

Andrew M. McLean

Professor, English

Ph.D. University of North Carolina 1971

Alexander J. McNair

Assistant Professor, Spanish

Ph.D. University of Texas at Austin 1999

Gwendolyn Miller

Lecturer, English

M.A. University of Wisconsin-Milwaukee 1987

Wendy R. Miller

Clinical Assistant Professor, Physical Education
M.S. Ball State University 1979

Paul B. Mohazzabi

Professor, Physics
Ph.D. University of California-Berkeley 1975

Fred Monardi

Assistant Professor, Political Science
Ph.D. University of Wisconsin-Milwaukee 1995

Rose Mary Moore

Associate Professor, Teacher Education/Reading
Ph.D. Ohio State University-Columbus 1989

Catherine Mossman

Lecturer, Biological Sciences
Ph.D. Purdue University 1999

William A. Moy

Emeritus, Computer Science

Frank F. Mueller

Emeritus, Music

Megan Mullen

Associate Professor, Communication
Ph.D. University of Texas at Austin 1996

William J. Murin

Professor, Political Science
Ph.D. University of Maryland 1971

John S. Murphy

Emeritus, Art

N**Clara New**

Associate Professor, Teacher Education
Ph.D. University of Wisconsin-Milwaukee 1989

Sue M. Norton

Professor, Human Resource Management
Ph.D. Iowa State University 1986

O**Jonathan Olsen**

Assistant Professor, Political Science
Ph.D. University of Maryland 1997

Elenie Opffer

Instructor, Communication
M.A. San Francisco State University 1990

Jose Ortega

Emeritus, Spanish

Jan P. Owens

Assistant Professor, Marketing
Ph.D. University of Wisconsin-Madison 1997

P**Ronald M. Pavalko**

Emeritus, Sociology

Joseph Pearson

Senior Lecturer, Philosophy
M.A. University of Pittsburgh 1983

George A. Perdikaris

Professor, Engineering
Ph.D. University of Missouri 1970

Samuel Pernacciaro

Emeritus, Political Science

William W. Petrie

Emeritus, Labor and Industrial Relations

Daphne Q.D. Pham

Assistant Professor, Biological Sciences
Ph.D. University of California, Riverside 1992

Donald T. Piele

Professor, Mathematics
Ph.D. University of California, San Diego 1970

Jane Pinnow

Senior Lecturer, Mathematics
M.A. Purdue University 1971

R**Roby Rajan**

Professor, Quantitative Methods
Ph.D. Virginia Polytechnic Institute and State University 1983

Theresa Reinders

Lecturer, Sociology
M.A. University of Wisconsin-Milwaukee 1993

Curtis W. Richards

Emeritus, Geography

Karen Reid

Lecturer, Economics
M.A. University of Iowa 1993

Kathleen Riepe

Senior Lecturer, Academic Skills
M.S. Northern Illinois University

Beecham R. Robinson

Emeritus, Communication

Lucian B. Rosa

Clinical Assistant Professor, Physical Education
B.S. University of Wisconsin-Parkside 1976

Helen Rosenberg

Associate Professor, Sociology
Ph.D. Northwestern University 1989

Richard E. Rosenberg

Associate Professor, Economics

Ph.D. University of Wisconsin-Madison 1970

Lee E. Ross

Associate Professor, Criminal Justice

Ph.D. Rutgers University, 1991

Michael A. Rotenberg

Emeritus, Mathematics

James Rovelstad

Emeritus, Marketing

Carmel Ruffolo

Assistant Professor, Biological Sciences

Ph.D. Monash University 1997

S

Yanick St. Jean

Assistant Professor, Sociology

Ph.D. University of Texas at Austin 1992

Carol Lee Saffioti-Hughes

Associate Professor, English

Ph.D. Princeton University 1975

Robert Sasso

Assistant Professor, Anthropology

Ph.D. Northwestern University 1989

Roman J. Schauble

Emeritus, English

Mary Kay Schleiter

Associate Professor, Sociology

Ph.D. University of Chicago, 1982

Jeffrey R. Schmidt

Associate Professor, Physics

Ph.D. University of Wisconsin-Madison 1987

Allan F. Schneider

Emeritus, Geology

Kristi Schoepfer

Assistant Professor, Health, Physical Education & Athletics

J.D. Marquette University 2001

Barbara Shade

Emeritus, Teacher Education

Gerhard Schutte

Associate Professor, Sociology

Ph.D. Heidelberg University 1970

Jonathan G. Shailor

Associate Professor, Communication

Ph.D. University of Massachusetts 1992

James H. Shea

Emeritus, Geology

Alan R. Shucard

Emeritus, English

Elizabeth Skendzic

Assistant Professor, Biological Sciences

Ph.D. Texas A&M University 1994

A. Aaron Snyder

Emeritus, Philosophy

Jay Sounderpandian

Professor, Quantitative Methods

D.B.A. Kent State University 1983

Anne Statham

Professor, Sociology

Ph.D. Indiana University 1976

Constantine C. Stathatos

Emeritus, Spanish

Stephen L. Stephens

Emeritus, Physical Education

Dennis Stevenson

Associate Professor, Engineering

M.B.A. Indiana University 1970

Akkinapalli Subbarao

Emeritus, Computer Science and Engineering

T

Susan Takata

Professor, Criminal Justice

Ph.D. University of California-Berkeley 1983

Carol L. Tebben

Associate Professor, Political Science

J.D. University of Idaho 1980

Ph.D. Claremont Graduate School 1988

M. Scott Thomson

Associate Professor, Biological Sciences

Ph.D. North Carolina State University 1986

Lillian Trager

Professor, Anthropology

Ph.D. University of Washington 1976

Judith Tucker-Snider

Associate Professor, Theatre Arts

M.F.A. University of Portland 1976

Christine Tutlewski

Lecturer, English

M.A. University of Wisconsin-Milwaukee 1994

V

Carol G. Vopat*Professor, English*

Ph.D. University of Washington 1970

John F. Vozza*Emeritus, Chemistry*

W

Marwan A. Wafa*Professor, Management*

Ph.D. Clemson University 1986

Richard A. Walasek*Associate Professor, Geography*

Ph.D. University of Illinois at Urbana-Champaign 1980

Harry A. Walbruck*Emeritus, German***Edward P. Wallen***Professor, Biological Sciences*

Ph.D. University of Kansas 1972

Donald A. Walter*Associate Professor, Psychology*

Ph.D. University of Michigan 1972

Xun Wang*Associate Professor, Sociology*

Ph.D. University Connecticut 1994

Zhemín Wang*Associate Professor, Accounting*

Ph.D. University of Wisconsin-Madison 1991

James E. Ward*Emeritus, Mathematics***J. Skelly Warren***Associate Professor, Theatre Arts*

M.F.A. Northwestern University 1975

Kenneth W. Weston*Emeritus, Mathematics***Lisa White***Assistant Professor, Music*

M.A. University of Iowa 1985

Denise Widup*Senior Lecturer, Mathematics*

B.A. Lewis University 1981

Annette Wiesner*Senior Lecturer, Academic Skills*

M.S. University of Wisconsin-Whitewater

Anna Maria Williams*Emeritus, Biological Sciences***Esther K. Wilson***Senior Lecturer, Biological Sciences*

M.S. Emporia State University 1982

Joy J. Wolf*Assistant Professor, Geography*

Ph.D. University of Colorado 2000

Gary Wood*Associate Professor, Chemistry*

Ph.D. University of Wisconsin-Madison 1986

David Wright*Professor, Finance*

Ph.D. University of Illinois 1979

Y

Dean Yohnk*Associate Professor, Theatre Arts*

Ph.D. Bowling Green State University 1992

Z

Leonardo A. Zaibert*Assistant Professor, Philosophy*

Ph.D. SUNY Buffalo 1997

Rizvana Zameeruddin*Assistant Professor, Accounting*

J.D. DePaul University 2001

Evelyn H. Zepp*Associate Professor, French*

Ph.D. Cornell University 1973

Jeffrey Zimmerman*Assistant Professor, Geography*

Ph.D. University of Wisconsin 2003

STATEMENT OF COMPLIANCE

Compliance with Government 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 student's attendance. The university reserves the right to ask the student 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 and in the tabloid publication FYI. Additional information is available on the university's website or may be secured from the Dean of Students, Wylie 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 Coordinator, Office of Equity and Diversity.

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 Director of Educational Support 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 director of Financial Aid.

UW-Parkside veteran enrollment requirements and standards of progress information are available at the Office of the Registrar.

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 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, Wylie 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, the student 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 during summer orientation. 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 your social security number (20 U.S.C., section 1232g). Disclosure of your 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.

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ADULT/NONTRADITIONAL STUDENTS/PROGRAMS

UW-Parkside has been serving adult nontraditional students in southeastern Wisconsin for more than 30 years. UW-Parkside acknowledges that such students often need to add their college work to an already busy schedule of work, family, and community commitments; therefore, UW-Parkside tries to help them complete their educational goals. At present, the M.B.A. program and eight majors can be completed entirely in the evening: business, communication, criminal justice, computer science, English, humanities, psychology, and sociology. A certificate in Spanish for professionals also is available to evening students. An interdisciplinary studies major and leadership certificate are offered in concentrated weekend format.

Admissions

Adult students seeking admission to UW-Parkside, whether or not they have previously attended or are currently attending a college or university, should first speak with an Admissions Counselor about the requirements for admission and need for transcripts. Phone 262- 595-2355 for an appointment, which can be scheduled outside regular office hours. An application is also now available at <http://www.uwp.edu/admissions>. Adult prospective students concerned about transfer credit should also consult the Advising Center at (262) 595-2040.



Advising

Advising and academic support are available to students throughout the course of their career at UW-Parkside. Advisers are familiar with and sensitive to the issues that adult students face. Contact the Advising Center at (262) 595-2040 to schedule an appointment with an adviser.

Financial Aid

Whether they plan to attend full time or part time, students wishing financial assistance should contact the Financial Aid and Scholarship Office at (262) 595-2574 to explore their options.

Earning Credit

UW-Parkside has several options for students seeking credits outside the traditional course and classroom structure: credit for military course work, credit by examination, and credit for experiential learning. Up to 30 credits in total can be earned in credit by examination, and/or Credit for Experiential Learning (CEL).

Credit for military course work and training can be given to students who provide documentation to the Registrar's Office at (262) 595-2281.

Credit by Examination can be obtained by passing examinations which certify the student has acquired through other means the same knowledge as would have been obtained in a college course taken for credit. UW-Parkside accepts many approved examinations from outside agencies for credit, such as CLEP and DANTE. Contact the Advising/Testing Office at (262) 595-2040 for further information. For students who are currently registered, each department faculty 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. Contact the specific department to explore this option.

Credit for Experiential Learning (CEL)

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 learning must be based on experience in employment, volunteer activities, workshop/seminar participation, and/or publications. Credit is given for learning as a result of the experience, not for the experience itself. The CEL process requires that the learning be related to specific courses or areas of study at UW-Parkside. All inquiries about CEL should be directed to the Advising Center at (262) 595-2040.

Library

One of the primary focal points of any student's contact with the university is the Library, located on the L1 level of Wylie Hall



between Communication Arts and Greenquist Hall, near the Advising Center and Main Place.

Typically open 96 hours a week during the fall and spring semesters, with extended hours during finals, the library has a recorded message at (262) 595-2649 with updated hours for holidays, summer, and intersession. Reference librarians are available to help students during many of those hours, and students are welcome to set up consultation sessions with particular librarians, especially those who have given presentations in their classes. The Archives and Area Research Center has limited evening hours.

The library's web pages are available at <http://www.uwp.edu/information.services/library/>. Most library electronic services are available 24 hours a day. Students can gain access to a wide variety of information resources, including UW-Parkside's electronic reserves, interactive information literacy tutorial, and catalog; they can renew materials online, search other UW library catalogs, order through Interlibrary Loan, and access a large selection of commercial full-text journals and e-books.

Computer Support

A large, open access microcomputer lab is located on the D1 level of Wyllie Hall (enter through the library). This lab includes both PC and Macintosh computers and is open the same hours as the library. Other computer labs, Molinaro 115, 118 and 124, are open Monday through Friday. Student staff is available to help

in lab areas and at the Help Desk, (262) 595-2644, located adjacent to the Wyllie Lab.

Tutoring/Educational Support Services

A variety of reading, writing, math, and specific course assistance is available through Educational Support Services, located on the D1 level of Wyllie Hall. Call the Tutoring Center at (262) 595-2044 for specific hours and services.

Administrative Services

Registrar/Student Records

The Registrar's Office is located on the D1 level of Wyllie Hall and is responsible for registration, adding and dropping courses, course grades, and student transcripts. Continuing students begin registration approximately a month before the end of the present term. Registration can be done online or by Touchtone at (262) 595-3400, after the student speaks with an adviser.

Cashier's Office

The Cashier's Office is responsible for all money transactions between students and the university, and is located on the D1 level of Wyllie Hall. The telephone number is (262) 595-2258. Tuition and fees are set annually by the UW System Board of Regents and are subject to change without notice. Tuition is due one week from the start of classes, and payments can be made at the Cashier's Office. Installment and payment plans are avail-

able. If tuition is paid by an agency or employer, a letter of authorization must be brought to the Cashier's Office.

Parking

Parking permits are required for all parking lots before 7:00 p.m. on weekdays. Long term daily parking permits can be purchased from the UW-Parkside Police Department. Daily parking permits can be obtained from the Police Department. Parking meters are available for visitors in all lots, including the Union lot on Inner Loop Road. Cars without permits will be ticketed.

Ranger Card

The Ranger Card is the student identification card used for access to many computer labs, the Sports & Activity Center, and event admissions. The Ranger Card is also necessary for checking out library materials, printing and photocopying. Funds deposited to a Ranger Card account can be used to purchase food. The Ranger Card office is located in the Union and is primarily open during weekday business hours. Call the Ranger Card office to make an appointment for a photo identification card.



ADULT/NON-
TRADITIONAL

Additional Support Services

Health Care

Adult students needing health insurance coverage can obtain it through the university arranged policy; information about the university's student health insurance plan is available at the Student Health and Counseling Center, located behind Tallent Hall. The telephone number is (262) 595-2366. Students may access health services, including reproductive screening and medications, personal counseling, and alcohol and other drug counseling and prevention education, at the Student Health and Counseling Center.

Disability

Adult students with long or short-term disabilities can receive supportive services, including special short-term parking permits, accessible locker space, and the loan of crutches and wheelchairs through the Student Health and Counseling Center. Services for students with disabilities are coordinated by the Disability Services Office, located on the D1 level of Wyllie Hall (262) 595-2610.

Child Care

The Child Care Center is located south of Tallent Hall on Wood Road, (262) 595-2227. Services are available during the academic year from 8 a.m. to 5 p.m. on weekdays, and arranged on a semester-by-semester basis. Financial assistance is available.

Food Service

Food service is available in the Union dining room (L1 level) during the day and Union Square (D1 level) in the evenings on weekdays and Saturdays at noon. During weekdays, the Wyllie Market, located in lower Main Place, and a coffee shop located on the L1 level of Molinaro Hall are also open. Call (262) 595-2601 for hours of service. Beverage and food vending machines are located in Communication Arts, Greenquist, Molinaro, and Wyllie halls.

Veterans Services

All veterans' benefits are coordinated by the school certifying official in the Registrar's Office (262) 595-2281. To be certified for benefits, veterans enrolling for the first time must submit an application, and then a form at the beginning of each semester. Veterans interested in state of Wisconsin benefit programs must contact their county veterans service office.

Bookstore

The UW-Parkside Bookstore, located on the D1 level of Wyllie Hall (262) 595-2301, is open weekdays and some Saturdays throughout the regular and summer semesters. Lists of required texts for courses are available online, and texts can be ordered online and shipped to students (<http://shop.efollett.com/>).

Career Center

The Career Center is located on the D1 level of Wyllie Hall (262) 595-2452. It offers a variety of career guidance and counseling services for students entering or changing careers, including job search strategies, resume writing, and interviewing.

Parkside Adult Student Association

Parkside Adult Student Association (PASA) is a student-owned and financed advocacy group for adult students. Located on the D1 level of Molinaro Hall (262) 595-2706, it offers academic and personal support networks to aid adult students in juggling family and employment obligations with their educational needs.

ART

Communication Arts 221 • (262) 595-2581 • www.uwp.edu/academic/art

Degree Offered:

Bachelor of Arts.

Professors:

DeVinny, M.F.A.; Holmes, M.F.A. (Chair).

Associate Professors:

Bayuzick, M.F.A.; Goldsmith, M.F.A.

Assistant Professors:

Baylor, M.F.A.; Funkenstein, Ph.D.

Student Organizations/Clubs:

The Art Club is the campus student organization which encourages a variety of student-directed events including a student exhibit at the end of each year to foster a greater awareness and understanding of the visual arts.

Career Possibilities:

Public and private K-12 school teacher, graphic designer, production designer, package designer, web designer, animator, illustrator, typographer, art historian, museum or gallery worker, art conservator, arts administration, architect, freelance artist, and studio artist.

Department Overview

The Art Department at UW-Parkside offers a degree which emphasizes a thorough background in the visual arts with well-rounded experiences in graphic design and both the two- and three-dimensional studios, as well as in art history and art criticism, and art education.

Art students work in well-equipped, uncrowded studios with a faculty seriously committed to quality teaching as well as production, exhibition and publication in their own areas of professional specialization. Advanced art students will find concentrations in crafts, ceramics, drawing, illustration, painting, printmaking, sculpture, and graphic design, which is taught in a modern computer laboratory. To complement the studio work, art history course offerings cover issues from prehistory to contemporary art. Exhibits in the Communication Arts Gallery and field trips each semester to galleries and museums in Milwaukee and Chicago reinforce ideas gained and processes learned in the studio and classroom. Visiting artists and scholars add enrichment to the curriculum each year. Upon graduation, art majors may continue professionally in quality graduate programs or enter one of many career options.

Requirements for the Art Major

The art major consists of 45 to 59 credits, depending on which major option the student selects. All options include a nine

semester credit hour series of foundation courses. Those interested in a specific concentration or the comprehensive major will need to undergo a portfolio review after completion of the foundation courses, and for the concentrations, the introductory class in their chosen area (this requirement will be waived if the student maintains an A average in the aforementioned classes). At least 15 credits of upper-level courses in the major must be completed at UW-Parkside.

Options in the Art Major

Three options of study are available to the art major. Each is based on a series of quality foundation and introductory art courses, followed by options to choose course work that fits students' specific needs.

Core Curriculum for all Art Majors (30 credits)

Foundation Courses (9 credits)

ART 102	Introduction to 2-D Design	3 cr
ART 103	Introduction to 3-D Design	3 cr
ART 122	Introduction to Drawing	3 cr

Introductory Studio Courses (9 credits)

ART 231	Beginning Life Drawing	3 cr
ART 251	Beginning Printmaking	3 cr
ART 282	Beginning Painting	3 cr

Art History (12 credits)

ART 125	Foundations of Art History I, Ancient to Medieval	3 cr
ART 126	Foundations of Art History II, Renaissance to Modern	3 cr
ART 343	History of Modern European Art	3 cr
ART 345	History of Modern American Art	3 cr

General Art Option (45 credits)

In addition to the core curriculum requirements, the student selects 15 credits from the following studio courses, or their equivalents:

Additional Introductory Studio Courses (6 credits)

ART 236	Beginning Sculpture	3 cr
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and one of the following:

ART 201	Beginning Ceramics	3 cr
ART 202	Beginning Fibers and Textiles	3 cr (or)
ART 223	Beginning Art Metals	3 cr

Upper-Level Studio Courses (9 credits)

ART 301	Intermediate Ceramics	3 cr
ART 302	Intermediate Fibers & Textiles	3 cr
ART 322	Intermediate Drawing	3 cr
ART 323	Intermediate Art Metals	3 cr
ART 331	Intermediate Life Drawing	3 cr
ART 336	Intermediate Sculpture	3 cr
ART 351	Intermediate Printmaking-Lithography* 3 cr	
ART 352	Intermediate Printmaking-Intaglio*	3 cr
ART 353	Intermediate Printmaking-Relief*	3 cr
ART 372	Graphic Design	3 cr
ART 382	Intermediate Painting	3 cr

* No more than three credits of 300-level printmaking will count toward the above requirement.

** Art Education Certification Students are required to fulfill 6 credits from the above.

*** Art majors or minors seeking teacher certification (other than K-12 certification in art) are recommended to complete ART 341, Art Education: Philosophical and Psychological Foundations.

Comprehensive Art Option (53 credits)

The comprehensive art option allows students a more rigorous studio experience with the senior year concentrating on development of the portfolio and an opportunity to present a senior exhibition. Requirements for this option include the core curriculum, the general art option, and the following courses or their equivalents:

Aesthetics and Art Criticism (3 credits)

ART 461	Aesthetics and Art Criticism	3 cr
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Capstone (5 credits)

ART 492	Senior Studio Seminar*	1 cr
ART 493	Senior Studio**	4 cr

* A once-a-week seminar to be taken the senior's final semester.

** Can be taken either fall or spring of the senior year. The student must obtain departmental approval one semester in advance in order to register for this course. An important requirement for the capstone courses is the senior exhibition that shows the studio work of each graduate created in upper division courses and their senior studio.

Note: To be accepted as a Comprehensive Art Major, the student must have a portfolio review of their work from the foundation classes (Art 102, 103 and 122) or maintain an A average in these classes.

Teacher Licensure

In order to be licensed to teach in Wisconsin in either elementary or secondary schools, the art major must also complete a minimum of 35 credits in professional education and methods courses which include 12 credits of supervised teaching.

Students seeking teacher licensure in art must be advised that the course of study may take more than the traditional four years. In addition to the requirements of the Teacher Education Department, art majors seeking licensure must complete the comprehensive art option and the following courses:

ART 341	Art Education: Philosophical and Psychological Bases	3 cr
ART 342	Art Education: Curriculum and Instruction	3 cr

Also, all art education students must take all four of the following courses to satisfy certification requirements:

ART 201	Beginning Ceramics	3 cr
ART 202	Beginning Fibers and Textiles	3 cr
ART 223	Beginning Art Metals	3 cr
ART 271	Intro to Graphic Design	3 cr

Information about the teacher education program and additional requirements for licensure can be obtained from the teacher education adviser at (262) 595-2100.

Concentrations in Art (59 credits) Graphic Design

The graphic design concentration is a specialized program, which includes courses from studio art as well as work in graphic design and the computer lab. To be accepted as a major in the graphic design concentration, the student must have a portfolio review after completion of the foundation package (Art 102, 103, & 122) and Introduction to Graphic Design (Art 271). The portfolio review will be waived for those who maintain an A average in these classes. The concentration in graphic design includes the core requirements and the following courses or their equivalents:

Painting Course Option (3 credits)

ART 282	Beginning Painting	3 cr
ART 283	Beginning Airbrush Painting	3 cr
ART 284	Beginning Watercolor	3 cr

Additional Introductory 3-D Studio Courses (3 credits)

ART 201	Beginning Ceramics	3 cr
ART 202	Beginning Fibers and Textiles	3 cr
ART 223	Beginning Art Metals	3 cr
ART 236	Beginning Sculpture	3 cr

Aesthetics and Art Criticism (3 credits)

ART 461	Aesthetics and Art Criticism	3 cr
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Graphic Design Requirements (18 credits)

ART 271	Introduction to Graphic Design	3 cr
ART 372	Graphic Design	3 cr
ART 374	Typography	3 cr

plus three courses from the following:

ART 370	Animation	3 cr
ART 373	Illustration**	3 cr
ART 375	Package Design	3 cr

ART 376	Computer Illustration**	3 cr
ART 377	Web Design for Designers	3 cr
ART 470	Advanced Animation	3 cr
ART 472	Advanced Graphic Design	3 cr
ART 473	Advanced Illustration	3 cr
ART 474	Advanced Typography	3 cr
ART 475	Advanced Package Design	3 cr
ART 477	Advanced Web Design	3 cr

Capstone (5 credits)

ART 492	Senior Studio Seminar***	1 cr
ART 493	Senior Studio****	4 cr
or		
ART 494	Art Internship in Graphic Design**	4 cr

- * The graphic design major must take a second semester of drawing and may choose either Beginning Life Drawing [ART 231] or Intermediate Drawing [ART 322].
- ** It is not necessary for students in the Graphic Design Concentration to take Introduction to Illustration (ART 273). This course is for those majoring in illustration or other interested art majors.
- *** A once-a-week seminar to be taken in the senior’s final semester.
- **** Can be taken either fall, spring or summer of the senior year. The student must obtain departmental approval in order to register for this course. Graphic design students may choose to have either an art internship in graphic design or senior studio with exhibition as their capstone course.

Studio Art

Concentrations are also offered in each of the traditional fine art studio areas. It should be understood that those seeking a studio concentration must have a portfolio review after completion of the foundation courses (Art 102, 103 & 122) and the beginning course in their chosen concentration. This portfolio review will be waived if the student maintains an A average in these four classes. Students seeking an art major with a concentration in one of the studio areas must complete the core requirements, one discipline area, and the following courses:

Additional Introductory Studio Courses (6 credits)

ART 236	Beginning Sculpture	3 cr
plus 3 credits from the following:		
ART 201	Beginning Ceramics	3 cr
ART 202	Beginning Fibers and Textiles	3 cr
ART 223	Beginning Art Metals	3 cr

Upper-level Studio (3 credits)

ART 322	Intermediate Drawing	3 cr
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Aesthetics and Art Criticism (3 credits)

ART 461	Aesthetics and Art Criticism	3 cr
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Capstone (5 credits)

ART 492	Senior Seminar*	1 cr
ART 493	Senior Studio**	4 cr

- * A once-a-week seminar to be taken in the senior’s final semester.
- ** Can be taken either fall or spring of the senior year. The student must obtain departmental approval a semester in advance in order to register for this course.

An important requirement for the capstone courses is the senior exhibition that shows the studio work of each graduate created in upper division courses and their senior studio.

Discipline Area Requirements for Studio Art Concentrations

Painting

ART 282	Beginning Painting	3 cr
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and the following six credits:

ART 382	Intermediate Painting	3 cr
ART 482	Advanced Painting	3 cr

plus six additional credits from the following:

ART 383	Intermediate Airbrush Painting	3 cr
ART 483	Advanced Airbrush Painting	3 cr
ART 384	Intermediate Watercolor	3 cr
ART 484	Advanced Watercolor	3 cr
or		
ART 499	Independent Study in Painting	3 cr

Printmaking

ART 251	Beginning Printmaking	3 cr
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and 12 credits from the following:

6 credits of 300 level printmaking:

ART 351	Intermediate Printmaking/Litho	3 cr
ART 352	Intermediate Printmaking/Intaglio	3 cr
or		
ART 353	Intermediate Printmaking/Relief	3 cr

6 credits of 400 level printmaking:

ART 451	Advanced Printmaking/Litho	3 cr
ART 452	Advanced Printmaking/Intaglio	3 cr
or		
ART 453	Advanced Printmaking/Relief	3 cr

Illustration

ART 273	Introduction to Illustration	3 cr
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and 12 credits from the following:

ART 373	Illustration	3 cr
ART 376	Computer Illustration	3 cr
ART 473	Advanced Illustration	3 cr
ART 476	Advanced Computer Illustration	3 cr
or		
ART 499	Independent Study in Illustration	3 cr

UNDERGRADUATE PROGRAMS

Drawing

ART 231 Beginning Life Drawing 3 cr

and twelve credits from the following:

ART 331 Intermediate Life Drawing 3 cr

ART 422 Advanced Drawing 3 cr

ART 431 Figure Studio 3 cr

plus

ART 499 Independent Study in Drawing 3 cr

Sculpture

ART 236 Beginning Sculpture 3 cr

and 12 credits from the following:

ART 336 Intermediate Sculpture 3 cr

ART 436 Advanced Sculpture 3 cr

plus

ART 499 Independent Study in Sculpture 6 cr

Ceramics

ART 201 Beginning Ceramics 3 cr

and 12 credits from the following:

ART 301 Intermediate Ceramics 3 cr

ART 401 Advanced Ceramics 3 cr

plus

ART 499 Independent Study in Ceramics 6 cr

Crafts

ART 201 Beginning Ceramics 3 cr

ART 202 Beginning Fibers 3 cr

ART 223 Beginning Art Metals 3 cr

plus 6 credits from:

ART 301 Intermediate Ceramics 3 cr

ART 302 Intermediate Fibers and Textiles 3 cr

or

ART 323 Intermediate Art Metals 3 cr

plus 3 credits from:

ART 401 Advanced Ceramics 3 cr

ART 402 Advanced Fibers and Textiles 3 cr

or

ART 423 Advanced Art Metals 3 cr

Requirements for the Art Minor

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:

ART 102 Introduction to 2-D Design 3 cr

ART 103 Introduction to 3-D Design 3 cr

ART 122 Introduction to Drawing 3 cr

3 credits from:

ART 231 Beginning Life Drawing 3 cr

ART 251 Beginning Printmaking 3 cr

ART 282 Beginning Painting 3 cr

6 credits from:

ART 201 Beginning Ceramics 3 cr

ART 202 Beginning Fibers and Textiles 3 cr

ART 223 Beginning Art Metals 3 cr

ART 236 Beginning Sculpture 3 cr

plus one art history/appreciation course:

ART 100 Art Appreciation 3 cr

ART 125 Foundations of Art History I,
Ancient to Medieval 3 crART 126 Foundations of Art History II,
Renaissance to Modern 3 cr**Minor in Art with Graphic Design Emphasis (21 credits)**

This array of courses will allow the minor the opportunity to focus on graphic design to complete their minor in art.

ART 102 Introduction to 2-D Design 3 cr

ART 122 Introduction to Drawing 3 cr

ART 271 Introduction to Graphic Design 3 cr

and one from the following:

ART 231 Beginning Life Drawing 3 cr

ART 251 Beginning Printmaking 3 cr

ART 282 Beginning Painting 3 cr

ART 283 Beginning Air Brush 3 cr

ART 284 Beginning Watercolor 3 cr

and two of the following:

ART 372 Graphic Design 3 cr

ART 373 Illustration 3 cr

ART 374 Typography 3 cr

ART 376 Computer Illustration 3 cr

ART 377 Web Design for Designers 3 cr

and one from the following:

ART 100 Art Appreciation 3 cr

ART 125 Foundations of Art History I,
Ancient to Medieval 3 crART 126 Foundations of Art History II,
Renaissance to Modern 3 cr**Animation Certificate**

As an extension of the graphic arts concentration, the animation certificate will give those students going into the multimedia field the distinction of adding kinetic imagery to their body of work through motion graphics, traditional and computer animation. Although the animation certificate is primarily for art majors or minors, it is possible for a non-art major to complete the work with approval of the department. Students must maintain a 3.0 GPA in the following courses to receive the animation certificate.

Required Courses (15 credits):

ART 231	Beginning Life Drawing	3 cr
ART 370	Introduction to Animation	3 cr
ART 470	Advanced Animation	3 cr
ART 479	Animation on the Web	3 cr
ART 490	Independent Study in Animation	3 cr

and one of the following (3 credits):

ART 390/490	Special Topics in Animation	3 cr
ENGL 208	Creative Writing (Screen Play Writing).	3 cr
ENGL 252	Introduction to Film.	3 cr

Art History Certificate

The art history certificate will permit students to study visual culture with a distinct emphasis on how aesthetics engage fundamental issues in politics, society, and culture. This certificate is not intended for those who are majoring in art. Students must maintain a 3.0 GPA in the following courses to receive the art history certificate.

Required Courses (6 credits):

ART 125	Foundations I: Ancient to Medieval Art	3 cr
ART 126	Foundations II: Renaissance to Modern Art.	3 cr

Plus three courses beyond the 100 level from the following (9 credits):

ART 343	Modern European Art	3 cr
ART 345	Modern American Art	3 cr
ART 461	Aesthetics and Art Criticism	3 cr
ART 291/491	Special Topics in Art History	3 cr

One class may be substituted from the following options:

COMM 360	Broadcasting, Telecommunication and Society	3 cr
COMM 361	Communication and Popular Culture.	3 cr
COMM 368	Children and the Media	3 cr
ENGL 252	Introduction to Film.	3 cr
ENGL 258	History of Film to 1950	3 cr
ENGL 259	History of Film from 1950.	3 cr
HIST 320	Germany 1848 to the Present.	3 cr
SOCA 208	Introduction to Archaeology.	3 cr
SOCA 227	North American Indians.	3 cr

Additional courses may also count toward completion of the art history certificate. These courses will be determined on a semester-by-semester basis. Please see the program coordinator for more information.

Museum Studies Certificate

A certificate in museum studies is also available. Please see page 167 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 hour window, the following courses are especially appropriate for students considering the architecture major:

ART 103	Introduction to 3-D Design	3 cr
ART 122	Introduction to Drawing	3 cr
ART 125	Foundations of Art History I, Ancient to Medieval	3 cr
ART 126	Foundations of Art History II, Renaissance to Modern.	3 cr
COMM 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 geology 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, whether general, comprehensive or within a concentration, must have a minimum of a 2.5 GPA in their major in order to graduate with their degree in art.

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 for educational, promotional, or exhibition purposes.

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

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

Courses in Art (ART)

100 Art Appreciation	3 cr
<i>Prereq: None. Freq: Fall, Spring.</i>	
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.
- 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.
- 107 Biology Through Art**3 cr
Prereq: None. Freq: Winterim, Summer.
 Lectures integrating contemporary art and biology, which culminates with the creation of visual artworks in the laboratory.
- 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 Foundations of Art History I, Ancient to Medieval**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 Foundations of Art History II, Renaissance to Modern**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.
- 201 Beginning Ceramics**.....3 cr
Prereq: ART 103. Freq: Fall.
 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.
- 202 Beginning Fibers and Textiles**3 cr
Prereq: ART 102 or 103. Freq: Spring.
 An introduction to the fundamental aesthetic concepts and technical methods emphasizing the historical development of fibers and textiles. Lab fee.
- 208 Art in Elementary Education Theories**3 cr
Prereq: TEDU 201 or 215 or consent of instructor. Freq: Spring.
 Lecture and discussion about art as it pertains to the child, individual and society. Art's elements, functions and theories will be explored in relationship to a child's perceptual and cognitive growth.
- 223 Beginning Art Metals**.....3 cr
Prereq: ART 103 or consent of instructor. Freq: Fall.
 An introduction into the fundamental aesthetic concepts and technical methods of metalsmithing emphasizing the historical development of art metals. Lab fee.
- 231 Beginning Life Drawing**.....3 cr
Prereq: ART 122. Freq: Fall, Spring.
 An introduction to the human form in a variety of media, emphasizing structural, anatomical, and expressive analysis.
- 236 Beginning Sculpture**.....3 cr
Prereq: ART 103 and 122. Freq: Spring.
 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 Woodworking and Furniture Design**.....3 cr
Prereq: ART 103 or consent of instructor. Freq: Every third semester.
 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.
- 251 Beginning Printmaking**.....3 cr
Prereq: ART 102 and 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.
- 271 Introduction to Graphic Design**.....3 cr
Prereq: ART 102 and 122. Freq: Fall, Spring.
 An introduction to the visual language and historical development of graphic design and typography emphasizing fundamental aesthetic concepts and technical methods.
- 273 Introduction to Illustration**.....3 cr
Prereq: Art 102, 122. Freq: Fall.
 An introductory class dedicated to the diverse techniques and ideas found in the field of illustration. Traditional painting and drawing media as well as computer technology will be used. The history of the illustrative image will also be addressed.
- 282 Beginning Painting**3 cr
Prereq: ART 102 and 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.
- 283 Beginning Airbrush Painting**3 cr
Prereq: None. Freq: Occasionally.
 A comprehensive introduction to the fundamentals of airbrush painting from a fine art perspective, covering basic aesthetic concepts and technical skills. Lab fee.
- 284 Beginning Watercolor**3 cr
Prereq: ART 102 and 122. Freq: Occasionally.
 An introduction to the visual language and historical development of watercolor painting emphasizing fundamental aesthetic concepts and technical methods.

- 290 Special Topics in Art**.....1-4 cr
Prereq: None. Freq: Occasionally.
 Selected topics in the visual arts and their interrelationship will be studied. Possible lab fee.
- 291 Selected Topics in Art History**.....1-4 cr
Prereq: ART 100, 125, 126, or consent of instructor. Freq: Occasionally.
 In-depth studies in art history as it may pertain to different cultures, selected periods or groups of artists. May be repeated for credit with different topic.
- 301 Intermediate Ceramics**.....3 cr
Prereq: ART 201. Freq: Fall, Spring.
 A more in-depth studio course of exploring with different clay bodies, glazing techniques, and firing methods involving both oxidation and reduction processes. Continued development on wheel throwing and hand building techniques, to include slip casting, will be emphasized. Lab fee.
- 302 Intermediate Fiber and Textiles**.....3 cr
Prereq: ART 202. Freq: Spring.
 In-depth exploration of concepts relating to the processes of fibers and textiles. Lab fee.
- 322 Intermediate Drawing**.....3 cr
Prereq: ART 231 or consent of instructor. Freq: Spring.
 An in-depth exploration of the formal and conceptual possibilities of the drawn mark as a visual language incorporating historical dimensions both traditional and contemporary.
- 323 Intermediate Art Metals**.....3 cr
Prereq: ART 223. Freq: Fall.
 In-depth investigation of concepts relating to metalsmithing technology including historical and contemporary dimensions. Lab fee.
- 331 Intermediate Life Drawing**.....3 cr
Prereq: ART 231. Freq: Fall, Spring.
 A comprehensive investigation of the human form using diverse media with an emphasis on structural, anatomical, and personal expressive analysis.
- 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.
- 341 Art Education Philosophical and Psychological Bases**3 cr
Prereq: ART 125 and 126, reading and writing skills required. Freq: Alternate Falls.
 A comprehensive study of the foundations upon which art education rests, addressing both historical roots as well as contemporary directions.
- 342 Art Education - Curriculum and Instruction**3 cr
Prereq: ART 341, reading and writing skills required. Freq: Alternate Springs.
 Exploration of the principles and procedures for implementing a comprehensive art education program at different levels and with different groups.
- 343 History of Modern European Art**.....3 cr
Prereq: ART 125, 126, reading and writing skills required. Freq: Fall.
 An involved study of European art of the 19th and 20th centuries.
- 345 History of Modern American Art**.....3 cr
Prereq: ART 125, 126, reading and writing skills required. Freq: Spring.
 An involved study of modern American art concentrating on the 20th century.
- 351 Intermediate Printmaking - Lithography**3 cr
Prereq: ART 251. Freq: Fall.
 Study of the aesthetic and technical principles of printmaking focusing on lithography, both stone and plate. Lab fee.
- 352 Intermediate Printmaking - Intaglio**3 cr
Prereq: ART 251. Freq: Spring.
 Study of the aesthetic and technical principles of printmaking focusing on the intaglio processes: etching, engraving, drypoint, aquatint, and softground. Lab fee.
- 353 Intermediate Printmaking - Relief**3 cr
Prereq: ART 251. Freq: Spring.
 Study of the aesthetic and technical principles of printmaking focusing on the relief processes: woodcut, wood engraving, linocut, and relief collagraph. Lab fee.
- 370 Animation**.....3 cr
Prereq: ART 122 and 271 or consent of instructor. Freq: Fall
 An introductory course in the basics of animation emphasizing traditional and contemporary approaches.
- 372 Graphic Design**.....3 cr
Prereq: ART 271. Freq: Spring.
 A further development of two-dimensional design concepts as they relate to the professional design field.
- 373 Illustration**3 cr
Prereq: ART 122. Freq: Occasionally.
 Exploration of the illustrative tradition that combines visual communication with individual expression while developing technical and conceptual skills.
- 374 Typography**.....3 cr
Prereq: ART 271. Freq: Spring.
 An introduction to the visual language of type including historical reference, typographical classification and measurement systems, and the aesthetic/technical syntax of typography.
- 375 Package Design**3 cr
Prereq: ART 103, 271. Freq: Spring.
 An investigation into the fundamentals of package design, marketing and promotion along with an analysis of contemporary packaging.
- 376 Computer Illustration**.....3 cr
Prereq: ART 271. Freq: Occasionally.
 An exploration of a contemporary approach to illustration, combining traditional media with the computer to develop individual expression.

- 377 Web Design for Designers**3 cr
Prereq: ART 271 or CSCI 120. Freq: Occasionally.
 An exploration of 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.
- 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.
- 383 Intermediate Airbrush Painting**3 cr
Prereq: ART 283. Freq: Occasionally.
 Further exploration of airbrush technique, using both single and double-action airbrushes, with an emphasis on the development of more creative aesthetic concepts.
- 384 Intermediate Watercolor**3 cr
Prereq: ART 284. Freq: Occasionally.
 Further investigation of the watercolor media stressing aesthetic, technical and conceptual objectives.
- 390 Special Topics in Art**.....1-4 cr
Prereq: Dependent on subject matter. Freq: Occasionally.
 Selected topics in the visual arts and their interrelationship will be studied at the intermediate level.
- 401 Advanced Ceramics**3 cr
Prereq: ART 301. Freq: Spring.
 Extended work in clay with emphasis on the more technical aspects of ceramics. Further design work in all areas embracing wheel throwing, hand building, relief sculpting, slip casting, and glazing. Emphasis on the development of the student's personal expression in clay works. Lab fee.
- 402 Advanced Fibers and Textiles**3 cr
Prereq: ART 302. Freq: Spring.
 Emphasis on a more independent exploration of the concepts and technology involved in fibers and textiles. Lab fee.
- 422 Advanced Drawing**.....3 cr
Prereq: Art 322. Freq: Spring
 A focused in-depth exploration of the aesthetic technical and thematic possibilities of the drawn mark, with emphasis on the development of the student's personal vision.
- 423 Advanced Art Metals**.....3 cr
Prereq: ART 323. Freq: Fall.
 Emphasis on a more independent exploration of the metal-smithing technology. Lab fee.
- 431 Figure Studio**3 cr
Prereq: ART 331. Freq: Fall, Spring.
 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.
- 436 Advanced Sculpture**.....3 cr
Prereq: ART 336. Freq: Fall, Spring.
 Emphasis on in-depth exploration of one or more recommended sculptural processes in relation to an individualized aesthetic point of view. Lab fee.
- 451 Advanced Lithography**3 cr
Prereq: ART 351. Freq: Fall, Spring.
 Advanced research in both stone and plate lithography. Use of color and experimental lithographic processes as they relate to the student's personal aesthetic will be encouraged. Lab fee.
- 452 Advanced Intaglio**3 cr
Prereq: ART 352. Freq: Fall, Spring.
 Advanced research in the intaglio medium. Use of color and experimental intaglio processes as they relate to the student's personal aesthetic will be encouraged. Lab fee.
- 453 Advanced Relief**3 cr
Prereq: ART 353. Freq: Fall, Spring.
 Advanced research in the relief medium. Use of color and experimental relief processes as they relate to the student's personal aesthetic will be encouraged. Lab fee.
- 461 Aesthetics and Art Criticism**3 cr
Prereq: ART 343 or 345, reading and writing skills required or consent of instructor. Freq: Alternate years.
 A comprehensive survey of major historical and contemporary theories of art, as well as in-depth study of principles and techniques of art criticism.
- 470 Advanced Animation**.....3 cr
Prereq: ART 270; ART 231 recommended. Freq: Spring
 Advanced research in animation emphasizing traditional and contemporary approaches.
- 472 Advanced Graphic Design**.....3 cr
Prereq: ART 372. Freq: Spring.
 Advanced research in design problems of a complex nature using a broad range of design approaches.
- 473 Advanced Illustration**3 cr
Prereq: ART 373 or 376. Freq: Occasionally.
 Advanced problems in illustration concentrating on process, communication, technical skills, and with an emphasis on contemporary professional development.
- 474 Advanced Typography**.....3 cr
Prereq: ART 374. Freq: Fall.
 Advanced problems in typography with a continuing exploration of the aesthetic/technical issues of type as individual letter forms and as text.
- 475 Advanced Package Design**3 cr
Prereq: Art 375. Freq: Spring.
 Advanced problems in package design incorporating logo identity, advertising, display and promotion.
- 476 Advanced Computer Illustration**.....3 cr
Prereq: ART 271 and 373 or 376. Freq: Occasionally.
 Advanced problems in illustration taking a contemporary approach and combining traditional media with the computer to develop individual expression.
- 477 Advanced Web Design for Designers**3 cr
Prereq: Art 377. Freq: Occasionally.
 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.

- 479 Animation on the Web**.....3 cr
Prereq: ART 370 and 377. Freq: Every third semester.
 Exploration of motion graphics that are specifically used in the creation of dynamic web designs.
- 482 Advanced Painting**3 cr
Prereq: ART 382. Freq: Fall, Spring.
 In-depth exploration of individual problems in painting using a variety of media.
- 483 Advanced Airbrush Painting**3 cr
Prereq: ART 383. Freq: Occasionally.
 A comprehensive introduction to advanced creative problems in airbrush painting from a fine art perspective covering more challenging and contemporary aesthetic concepts and technical skills.
- 484 Advanced Watercolor**3 cr
Prereq: ART 384. Freq: Occasionally.
 Advanced problems in watercolor painting. Continued investigation and experimentation in traditional and non-traditional imagery.
- 490 Special Topics in Art**.....1-4 cr
Prereq: None. Freq: Occasionally.
 Selected topics in art will be studied.
- 491 Special Topics in Art History**.....1-4 cr
Prereq: ART 100, 125, 126, or consent of instructor. 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 Studio Seminar**1 cr
Prereq: Senior standing. Freq: Fall, Spring.
 Weekly seminar sessions focusing on the artist's profession with discussion of personal and aesthetic goals, exhibition preparation, photographic documentation, career options, and the business of art.

- 493 Senior Studio**4 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 may apply.
- 494 Art Internship**.....1-4 cr
Prereq: Art major, junior standing. Freq: Fall, Spring.
 Practical experience in studio and curatorial situations in business, industry, and museums. Joint supervision by faculty member and organization representative.
- 499 Independent Study**1-4 cr
Prereq: Consent of instructor and department chair. Lab fee may apply. Freq: Fall, Spring.
 Special projects selected by student and approved instructor. Includes a detailed project proposal.

Graduate Courses

- 690 Special Topics**1-4 cr
Prereq: Consent of instructor. Freq: Occasionally.
 Selected topics in art will be studied.
- 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.

ARTS MANAGEMENT

Greenquist 201 • (262) 595-2249 • www.uwp.edu/academic/arts.management/

Degree Offered:

None. A minor and certificate in arts management are offered.

Coordinator:

Karp, M.A. See listings under the appropriate department for faculty.

Program Overview

Arts Management is an interdisciplinary program that draws upon business, communication, and arts programs to provide a basic preparation for a position in a cultural organization or business. Its goal is to provide students in art, dramatic arts, communication, music and other interested students with a sound business framework to complement work in the arts and thus equip them to pursue careers in arts management.

Internships

An internship in arts management is required, allowing students to gain practical experience working in a campus or community arts organization.

Requirements for Arts Management Minor (24 credits)

A. Required Courses (minimum of 16 credits)

ACCT 201	Financial Accounting	3 cr
ARMA 346	Managing Arts and Cultural Organizations	3 cr
ARMA 347	Studies in Arts Marketing	2 cr
ARMA 494	Arts Management Internship	3-6 cr
ARMA 495	Seminar in Arts Management	2 cr
COMM 326	Marketing Communication and Society	3 cr
or		
MKT 350	Introduction to Marketing	3 cr

B. Electives (6-8 credits)

ARMA 495	Seminar in Arts Management	2 cr
ART 271	Introduction to Graphic Design*	3 cr
ART 492	Senior Studio Seminar	1 cr
COMM 105	Public Speaking	3 cr
COMM 202	Group Problem Solving	3 cr
COMM 250	Media Message Design	3 cr
COMM 285	Conflict Mediation	3 cr
COMM 303	Organizational Communication**	3 cr
COMM 305	Public Relations and Society	3 cr
CSCI 106	Computer Productivity Tools*	3 cr
CSCI 120	Computer Tools for Multimedia Design	3 cr
THEA 495	Senior Seminar	3 cr
HRM 343	Personnel Administration	3 cr
MGT 349	Organizational Behavior**	3 cr
MGT 447	Management Techniques	3 cr

MIS 320	Management Information Systems	3 cr
MKT 358	Promotional Management	3 cr
MUS 395	Music Business Seminar	2 cr

* These courses have prerequisites.
 ** Student may not take both COMM 303 and MGT 349 for credit toward the arts management minor.

Requirements for Arts Management Certificate (19 credits)

ACCT 201	Financial Accounting	3 cr
ARMA 346	Managing Arts and Cultural Organizations	3 cr
ARMA 347	Studies in Arts Marketing	2 cr
ARMA 494	Arts Management Internship	3-6 cr
ARMA 495	Seminar in Arts Management*	2 cr
COMM 326	Marketing Communication and Society	3 cr
or		
MKT 350	Introduction to Marketing	3 cr
MGT 349	Organizational Behavior	3 cr

* May be waived if the student is currently employed in an arts organization.

COURSES IN ARTS MANAGEMENT (ARMA)

346 Managing Arts and Cultural Organizations 3 cr
Prereq: None. Freq: Every third semester.

A study of the duties and required skills of managers of visual and performing arts organizations. Areas of study will include structure of arts organizations, planning, programming, staffing, budgeting, and marketing with an emphasis on fundraising, board development and volunteer management. Assignments and projects geared toward students' specific needs and interests.

347 Studies in Arts Marketing 2 cr
Prereq: Junior standing, MKT 350 or COMM 326 or concurrent registration, and consent of instructor. Freq: Every third semester.

A study of marketing challenges facing arts organizations and the role of marketing personnel within these organizations. Through research, case studies and development of a comprehensive marketing plan, students will discuss and evaluate a variety of marketing problems and solutions. Topics include marketing research, promotions, media relations, corporate and media sponsorship, audience development and pricing as well as marketing issues faced by independent artists and performers.

UNDERGRADUATE PROGRAMS

390 Special Topics in Arts Management.....1-3 cr*Prereq: None. Freq: Occasionally.*

Selected topics in the field of arts management will be explored through speakers, case studies, and/or field trips.

490 Special Topics in Arts Management.....1-3 cr*Prereq: None. Freq: Occasionally.*

Selected topics in the field of arts management will be explored through speakers, case studies, and/or field trips.

494 Arts Management Internship.....1-3 cr*Prereq: Junior standing and consent of instructor.**Freq: Fall, Spring.*

Students gain practical experience working in a campus or community arts organization. They will have joint supervision by a faculty member and an organization representative. May be repeated for a maximum of 6 credits with a maximum of only 3 credits for each placement.

495 Seminar in Arts Management2 cr*Prereq: Junior standing and consent of instructor.**Freq: Every third semester.*

A study of the topics, trends and career options in the field of arts administration. Working professionals will explore with students issues they face in their occupations. A variety of topics include the role of arts institutions in society, cultural planning and the role of the arts in community development, leadership, public and private support of the arts, ethical issues in fundraising, marketing challenges in the 21st century, use of computer technology and future trends in the field. Students will develop personal career plans.

499 Independent Study1-3 cr*Prereq: Consent of Instructor. Freq: Occasionally.*

Students will design course content in consultation with instructor.

BIOLOGICAL SCIENCES

Greenquist 345 • (262) 595-2327 • www.uwp.edu/academic/biology

Degrees Offered:

Bachelor of Science.

Master of Science (see graduate section of this catalog).

Professors:

Wallen, Ph.D. (Chair)

Adjunct Professor:

Shewmake, M.D., J.D.

Associate Professors:

Gundersen, Ph.D.; Mayer, Ph.D.; Thomson, Ph.D.;

Adjunct Associate Professor:

Paul, Ph.D.

Assistant Professors:

Barber, Ph.D.; Boyer, Ph.D.; Higgs, Ph.D.; Pham, Ph.D.;

Ruffolo, Ph.D.; Skendzic, Ph.D.

Adjunct Assistant Professor:

Lewis, Ph.D., Assistant to the Dean for Health-Related Professions

Visiting Assistant Professor:

MacWilliams, Ph.D.

Senior Lecturers:

McKee, M.S.; Wilson, M.S.

Lecturer:

Mossman, Ph.D.

Student Organizations/Clubs:

Pre-Health Professions Club, Molecular Biology Club, Spanning the Divide (for prospective and new science teachers).

Career Possibilities

Health professional; research scientist; veterinary medicine; secondary school teacher; industrial research, development, quality control, or product specialist; zoologist; botanist; 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 of young men and women for careers in life 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 insti-

tution. 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 assistant to the dean for health-related professions for advice relating to your particular career goal.

Southeastern Wisconsin is faced with rapidly growing shortages of well-qualified science, math, engineering, and technology teachers. The Biological Sciences Department has always been a leader in preparing teachers of science to help meet local, regional, and state needs. The shortages mean exciting opportunities abound for new science teachers, as detailed in the program descriptions.

The program also provides an academic minor and a teaching major and minor that satisfy state requirements. 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: Molecular Biology Club, Pre-Health Club, and Spanning the Divide (for future and new science teachers). These 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 supplies many service courses for other majors and/or programs such as nursing, biochemistry, environmental studies and pre-professional programs. There are also many courses available that have been designed specifically for non-science students and for general education.

Requirements for the Biological Sciences Major

The major in biological sciences consists of a minimum of 42 credits in biological sciences with additional courses in mathematics, chemistry, and physics. At least 15 credits of upper-level courses in the major must be completed at UW-Parkside.

A. Core Courses (20 Credits)

BIOS 101	Bioscience	4 cr
BIOS 102	Organismal Biology	4 cr
BIOS 210	Biostatistics	3 cr
BIOS 301	Cell Biology	3 cr
BIOS 360	General Genetics	3 cr
BIOS 435	Experimental Methods	2 cr
BIOS 495	Senior Seminar	1 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 and Physics Courses (34 credits)

Mathematics

MATH 112	College Algebra II	4 cr
MATH 113	Trigonometry	2 cr
MATH 221	Calculus & Analytic Geometry I*	5 cr

Chemistry

CHEM 101	General Chemistry I	5 cr
and		
CHEM 102	General Chemistry II	5 cr
or		
CHEM 113	Chemical Principles I	5 cr
and		
CHEM 114	Chemical Principles 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
and		
PHYS 106	College Physics II	5 cr
or		
PHYS 201	General Physics I	5 cr
and		
PHYS 202	General Physics II	5 cr

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

C. Elective Courses (22 credits)

Each student must complete a minimum of 22 elective credits selected from 200-400 level biological sciences courses. Students must complete the required core courses but can then select among the remaining 200-400 level biological sciences courses to complete the required minimum of 42 credits.

Students who wish to specialize in the area of organismal and population biology are advised to consider choosing from the following series of elective courses:

BIOS 305	Principles of Ecology	3 cr
BIOS 313	Invertebrate Zoology	3 cr
BIOS 314	Evolutionary Biology	3 cr
BIOS 317	Vertebrate Embryology	3 cr
BIOS 318	Vertebrate Zoology	3 cr
BIOS 324	Botany	3 cr
BIOS 330	Field Biology	3 cr
BIOS 414	Molecular Evolution	3 cr

Students who wish to focus on graduate/professional work in health sciences are advised to consider choosing from the following series of elective courses:

BIOS 200	Functional Human Anatomy Laboratory	3 cr
BIOS 303	Microbiology	4 cr
BIOS 307	Biochemical Metabolism	3 cr
BIOS 309	Molecular Biology	3 cr
BIOS 341	Mammalian Physiology	3 cr
BIOS 317	Vertebrate Embryology	3 cr
BIOS 420	Neuroscience	3 cr

Special advising is available to students pursuing careers in the health professions. Contact the assistant to the dean for health-related professions at (262) 595-2327.

Requirements for the Molecular Biology and Bioinformatics Major

The major in molecular biology and bioinformatics consists of a minimum of 45 credits in biological sciences, with additional courses in mathematics, chemistry, computer science and physics. At least 15 credits of upper-level courses in the major must be completed at UW-Parkside. Students must attain a minimum UW-Parkside cumulative GPA of 2.50 in all courses required for the major.

A. Core Courses (42 Credits)

BIOS 101	Bioscience	4 cr
BIOS 102	Organismal Biology	4 cr
BIOS 210	Biostatistics	3 cr
BIOS 240	Macromolecular Structure and Function	3 cr
BIOS 303	Microbiology	4 cr
BIOS 309	Molecular Biology	3 cr
BIOS 360	General Genetics	3 cr

BIOS 453	Molecular Biology and Bioinformatics I: DNA	4 cr
BIOS 454	Molecular Biology and Bioinformatics II: RNA	4 cr
BIOS 455	Molecular Biology and Bioinformatics III: Proteins	4 cr
BIOS 480	Bioinformatics	4 cr
BIOS 489	Molecular Biology & Bioinformatics Senior Project	2 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 (40-41 credits)

Mathematics

MATH 221	Calculus & Analytic Geometry I	5 cr
and		
MATH 231	Discrete Mathematics	3 cr
or		
MATH 309	Probability and Statistics	4 cr

Chemistry

CHEM 101	General Chemistry I	5 cr
and		
CHEM 102	General Chemistry II	5 cr
or		
CHEM 113	Chemical Principles I	5 cr
and		
CHEM 114	Chemical Principles II	5 cr
CHEM 321	Organic Chemistry I	4 cr
and		
CHEM 322	Organic Chemistry II	4 cr

Computer Science

CSCI 241	Computer Science I	4 cr
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Physics

PHYS 105	College Physics I	5 cr
and		
PHYS 106	College Physics II	5 cr
or		
PHYS 201	General Physics I	5 cr
and		
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 (3 credits)

Each student must complete a minimum of 3 elective credits selected from 200-400 level biological sciences courses.

Requirements for the Biological Sciences Minor

The academic minor requires a minimum of 20 credit hours. Requirements for completion are:

BIOS 101	Bioscience	4 cr
BIOS 102	Organismal Biology	4 cr
	Biology electives (200 level or above)	12 cr

Teacher Licensure

Special advising and mentoring services are available to all prospective teachers of science from a Biological Sciences adviser through the interdisciplinary Center for Science Education. Stop by as soon as possible to learn about “Spanning the Divide,” organized to keep you up to date on the latest news, “plug you in” to social and professional networking, and move you into secondary science classrooms through pioneering partnerships with regional schools. More information is available at (262) 595-2475.

New Wisconsin Department of Public Instruction (DPI) rules for teacher licensure require that all candidates demonstrate proficiency in the 10 Wisconsin Standards for Teacher Development and Licensure, as well as pass a standardized science content test. Both requirements necessitate careful advising. The content test assesses candidate knowledge and understanding of: 1) scientific methodology, techniques, and history; 2) physical sciences; 3) life sciences; 4) earth sciences; and 5) science, technology, and society. Each area is represented by 20% of the test, regardless of specific licensure being sought. To ensure appropriate preparation, all candidates are strongly urged to pursue a broad-field science concentration, as well. Due to on-going changes at the DPI in anticipation of new license requirements effective July 1, 2004, students are advised to communicate closely with the biological sciences teacher education liaison at (262) 595-2165. For general information about teacher licensure, students may contact the teacher education adviser at (262) 595-2032.

Broad-Field Science Concentration

The following guidelines are strongly recommended to prepare prospective teachers for the newly mandated science content test. Proficient accomplishment of the following program or its equivalent also diversifies the candidate's preparation and enhances her/his employability. The biological sciences major requires the completion of 10 physics credits, 21 chemistry credits, and mathematics proficiency through trigonometry (i.e. equivalent of 6 credits of mathematics). Broad-field science candidates should complete 5 additional physics credits (including PHYS 110) and a minimum of 8 geosciences credits (GEOL 101, 102, and 104 are recommended). The concentration is rounded out with 6 credits in the history (HIST 221 or HIST 222) and philosophy (PHIL 105 or GSCI 102) of science. Once a candidate can demonstrate proficiency across the broad-field science concentration, s/he is qualified to teach general science (grades 6-9), as well as high school biology, chemistry, and physics (grades 9-12). All prospec-

tive science teachers are urged to consult the Center for Science Education for proficiency criteria and individualized guidance.

Requirements for the Biological Sciences Teaching Major and Minor

The teaching major includes the following exceptions from the major in biological sciences:

A. Additional Core Courses (11 credits):

BIOS 104 or 305	Environment	3 cr
BIOS 207	Research Process in Biology	2 cr
BIOS 314	Evolutionary Biology	3 cr
BIOS 324 or 344	Plant Biology	3 cr
BIOS 495	Senior Seminar (for teachers).	2 cr

B. Recommended Electives (11 credits):

BIOS 200	Functional Human Anatomy Lab	3 cr
BIOS (202 or 303)	Microbiology	4 cr
BIOS 309	Molecular Biology	3 cr
BIOS 313	Invertebrate Zoology	3 cr
BIOS 341	Mammalian Physiology	3 cr

The teaching minor requires a minimum of 20 credit hours, distributed as:

BIOS 101	Bioscience.	4 cr
BIOS 102	Organismal Biology.	4 cr
BIOS 207	Research Process in Biology	2 cr
BIOS 495	Senior Seminar (for teachers).	2 cr

Biology Core Electives (9 credits)

BIOS 104 or 305	Environment	3 cr
BIOS 314	Evolutionary Biology	3 cr
BIOS 324 or 344	Plant Biology	3 cr

Available for elective credit via executive action, pending teacher certification

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. Two-hour lecture; 50-minute demo/discussion.

- 101 Bioscience**4 cr
Prereq: None. 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: None. 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 Ecology Science of Survival**.....3 cr
Prereq: None. Freq: Fall, Spring, Summer.
 The ecology of and associations between human populations, resources, technology, lifestyles and environmental crisis. 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.
 An integrated lecture/laboratory course dealing with the principles of structure and function necessary for understanding the systems of the human body; not for credit toward biological sciences major. Three-hour lecture; three-hour lab.
- 106 Human Physiology and Anatomy II**4 cr
Prereq: BIOS 105. Freq: Spring.
 A continuation of BIOS 105; not for credit toward biological sciences major. Three-hour lecture; three-hour lab.
- 107 Biology Through Art**3 cr
Prereq: None. Freq: Winterim, Summer
 Lectures integrating contemporary art and biology, which culminates with the creation of visual artworks in the laboratory; not for credit toward biological sciences major.
- 108 Nutrition, Health and Culture**.....3 cr
Prereq: None. Freq: Fall, Spring.
 Explores the role of proper nutrition in the health of the human body with an emphasis on the nutritional practices of the many ethnic groups that comprise American society; not for credit toward biological sciences major. Three-hour lecture. (Cross listed as ETHN 108.)
- 190 Fundamentals of Human Nutrition**2 cr
Prereq: BIOS 106 and CHEM 215. Freq: Fall.
 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. Three-hour lecture.

- 200 Functional Human Anatomy Laboratory**3 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. Two, three-hour labs.
- 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.
- 207 Research Process in Biology**2 cr
Prereq: BIOS 210 or concurrent registration and consent of instructor. Freq: Spring.
 Introduction to the methods of scientific inquiry. Students acquire practical experience in the whole research process, from conception of a research problem through communication of research results. Four-hour lab.
- 210 Biostatistics**3 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 will include measurement, sampling, descriptive statistics, analysis of variance, correlation, regression, and analysis of frequencies. Two-hour lecture; three-hour lab.
- 240 Macromolecular Structure and Function**.....3 cr
Prereq: BIOS 101, 102, 210; CHEM 322 or concurrent registration. Freq: Spring.
 Introduction to eukaryotic cellular structures and biosynthesis; reaction mechanisms in biological catalysis; and principles of macromolecular structure. This course is intended for Molecular Biology and Bioinformatics majors only. Three-hour lecture.
- 290 Special Topics in Biological Sciences**1-4 cr
Prereq: Consent of instructor. Freq: Occasionally.
 Selected topics in the biological sciences.
- 301 Cell Biology**3 cr
Prereq: BIOS 101, 102, and CHEM 322, or consent of instructor. Freq: Spring.
 A study of cells and cellular organelles. The relationship between cellular structure and function is emphasized. Three-hour lecture.
- 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**.....3 cr
Prereq: BIOS 101, 102. Freq: Alternate Falls (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. Two-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 as CHEM 307.)
- 309 Molecular Biology**.....3 cr
Prereq: BIOS 360, 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.
- 313 Invertebrate Zoology**.....3 cr
Prereq: BIOS 101, 102, or consent of instructor. Freq: Alternate Falls (odd years).
 Ecology, classification and evolutionary relationships of nonchordate animals. Field trips, experimental research. Two-hour lecture discussion; three-hour lab.
- 314 Evolutionary Biology**3 cr
Prereq: BIOS 101, 102. Freq: Alternate Springs (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, 200, or consent of instructor. Freq: Spring.
 Developmental anatomy and mechanisms of representative vertebrate types from cleavage through organogenesis. Two-hour lecture; three-hour lab.
- 318 Vertebrate Zoology**.....3 cr
Prereq: BIOS 101, 102, or consent of instructor. Freq: Alternate Falls (even years).
 An introduction to the biology of vertebrates with emphasis on structure, diversity, evolution, and distribution. Field trips. Two-hour lecture; three-hour lab.
- 324 Botany**3 cr
Prereq: BIOS 101, 102. Freq: Spring.
 Study of plants from the view points of systematics, evolution, morphology and ecology. Field trips. Two-hour lecture; three-hour lab.
- 325 Physiological Psychology**.....3 cr
Prereq: BIOS 101, 102. Freq: Spring.
 Physiological relation of neurophysiological and neurochemical processes to behavior. Three-hour lecture. (Cross listed as PSYC 325.)

- 330 Topics in Field Biology**3 cr
Prereq: BIOS 101, 102 or consent of instructor. Freq: Spring.
 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.
- 340 Animal Behavior**3 cr
Prereq: BIOS 101, 102. Freq: Occasionally.
 Emphasis on the evolution and complexity of animal behaviors based on a variety of animal species from invertebrates to mammals. Three-hour lecture.
- 341 Mammalian Physiology**3 cr
Prereq: BIOS 101, 102, 210, CHEM 321, or consent of instructor. BIOS 200 recommended. Freq: Fall.
 Advanced treatment of major mammalian organ systems and their roles in homeostasis. Three-hour lecture.
- 344 Plant Physiology, Biochemistry and Molecular Biology**.....3 cr
Prereq: BIOS 101, 102, 301; CHEM 322, or concurrent registration. Freq: Alternate Springs (odd years).
 Study of plants from the view points of physiology, biochemistry and molecular biology. Three-hour lecture.
- 360 General Genetics**.....3 cr
Prereq: BIOS 101, 102, 210 and CHEM 321 or concurrent registration. CHEM 322 or concurrent registration recommended. Freq: Fall, Spring.
 Fundamental genetic principles with examples from microorganisms, plants, lower animals, and humans. For students majoring in science, mathematics or biology-related professions. Two-hour lecture; two-hour discussion/demo.
- 381 Molecular Aspects of Development**.....3 cr
Prereq: BIOS 360, 309 or concurrent registration, or consent of instructor. Freq: Occasionally.
 Applications of current molecular biological research to the field of developmental biology. Three-hour lecture.
- 410 Cellular and Molecular Immunology**3 cr
Prereq: BIOS 307, 309, 360 and consent of instructor. Freq: Occasionally.
 The immune system and its analysis at the cellular and molecular level. Three-hour lecture.
- 414 Molecular Evolution**.....3 cr
Prereq: BIOS 309 or 314, or consent of instructor. Freq: Alternate Springs (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 200, 341 or consent of instructor. Freq: Alternate Springs
 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**.....2 cr
Prereq: BIOS 210, 301, 360 and CHEM 322. Freq: Fall, Spring.
 Familiarization with the use of scientific instruments and techniques, and developing proficiency in the process of scientific investigation. Not open to students with credit in CHEM 308. Four-hour lab.
- 453 Molecular Biology and Bioinformatics I: DNA**.....4 cr
Prereq: BIOS 240 (or BIOS 301 and 307), 309, 360 and consent of instructor. Freq: Fall.
 Techniques and theory of DNA isolation and analysis including laboratory and computational methods. Eight-hour lecture/lab.
- 454 Molecular Biology and Bioinformatics II: RNA**.....4 cr
Prereq: BIOS 240 (or BIOS 301 and 307), 309, 360, and consent of instructor. Freq: Fall.
 Theory and techniques for investigating RNA. Common laboratory methods for isolating and characterizing RNA will be performed. In addition, computer applications will be used to study RNA bioinformatics, structure, and function. Eight-hour lecture/lab.
- 455 Molecular Biology and Bioinformatics III: Proteins**....4 cr
Prereq: BIOS 240, (or BIOS 301 or 307), 309, 360 and consent of instructor. Freq: Spring.
 The role of proteins in biology will be assessed, providing both an understanding of these macromolecules and practical experience in biochemistry. In particular, comprehension of protein characteristics and function will be emphasized to provide insight into cell physiology or functional genomics. Eight-hour lecture/lab.
- 470 Advanced Molecular Genetics**3 cr
Prereq: BIOS 309, 360 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**4 cr
Prereq: BIOS 309, 360, or consent of instructor. Freq: Fall.
 Various aspects of bioinformatics relating to data management, data discrimination, genomics, and proteomics will be introduced to students. Lectures and computer-based exercises will emphasize basic theory and applications of this information in today's world. Two-hour lecture.

- 482 Advanced Bioinformatics: Genomics**.....1 cr
Coreq: BIOS 480. Freq: Occasionally.
 Theory and techniques will be presented to provide students perspective on the essence of life, genomic sequences. Lectures and computer-based exercises will emphasize the information content of genomic DNA and its application in today's world. Two-hour lecture/lab.
- 483 Advanced Bioinformatics: Proteomics**.....1 cr
Prereq: BIOS 480, consent of instructor. Freq: Occasionally.
 The field of bioinformatics has revolutionized the study of gene expression. A combination of lecture, lab, and computer-based exercises will provide students with expertise in the use of bioinformatic tools to assess gene expression and functional genomics. Two-hour lecture/lab.
- 489 Molecular Biology and Bioinformatics Senior Project**.....1 cr
Prereq: BIOS 453, 454, 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: Junior standing or consent of instructor. Freq: Occasionally.
 Individual investigations of selected problems in biology.
- 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 6 credits of BIOS 494 and 499 combined may be used toward 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: BIOS 207 and 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 can be used as electives towards the biological sciences major requirements.

BUSINESS MANAGEMENT

Molinaro 344 • (262) 595-2280 • <http://www.uwp.edu/academic/business>

Degrees Offered:

Bachelor of Science.

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

Professors:

Norton, Ph.D.; Rajan, Ph.D.; Sounderpandian, D.B.A.; Wafa, Ph.D.; Wright, Ph.D.

Associate Professors:

Baldwin, Ph.D.; Chalasani, Ph.D.; Chong, D.B.A.; Gee, Ph.D.; Hawk, Ph.D.; Wang, Ph.D.

Assistant Professors:

Crooker, Ph.D.; Kreissl, Ph.D.; Owens, Ph.D.; Manion, MBA (ABD); Zameeruddin, M.S., J.D.

Lecturer:

Witt, M.S.

Professional Accreditations or Memberships:

The bachelor of science in business management and master of business administration programs are accredited by AACSB International – The Association to Advance Collegiate Schools of Business. Only about 25 percent of business programs nationally meet AACSB's rigorous standards of quality.

Business Honors

Students who major in Business Management and who maintain a GPA of 3.5 or greater in all upper-level business management course work and an overall GPA of 3.0 or better will be graduated with Honors in Business Management.

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

Career Possibilities:

Career opportunities include information systems analyst, computer programmer, product manager, market research analyst, accountant, cost analyst, financial analyst, recruiter, training specialist, and personnel generalist.

Department Overview

The business management curriculum develops business skills through exposure to accounting, finance, marketing, personnel administration, organizational behavior, management information systems, and production management. In addition, communication skills, quantitative techniques, and computer technology are stressed as decision-making tools. Students explore ethical considerations of business decisions and gain an understanding of multinational and multicultural aspects today's business world.

Students select a particular area of business management as a concentration and focus their study in accounting, finance, human resource management, management information systems, marketing, or the general business concentration. The faculty of the Business Department is dedicated to providing students with quality instruction relevant to situations encountered in the business world.

Preparation for Graduate School

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

Requirements for a Degree in Business Management

The business management curriculum at UW-Parkside is rigorous and extensive. It is imperative that students acquire solid and proper foundations before commitment to a business management major. Students who are planning to enter the undergraduate program in business management are encouraged to declare their major early, so they may be assigned an appropriate faculty adviser.

Course Requirements

The following requirements for a degree in business management are in addition to the university stipulated general education requirements.

A. Fundamental Preparation Courses (19 cr)

ECON 120	Principles of Microeconomics	3 cr
ECON 121	Principles of Macroeconomics	3 cr
MATH 112	College Algebra II.	4 cr
MATH 142	Calculus with Business and Social Science Applications.	3 cr

or

MATH 221	Calculus and Analytical Geometry	5 cr
COMM 105	Public Speaking	3 cr

Advanced Writing (3 cr)

Select one from:

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

B. Business Preparation Courses (15 cr)

ACCT 201	Financial Accounting	3 cr
ACCT 202	Managerial Cost Accounting.	3 cr
BUS 272	Legal Environment of Business.	3 cr
QM 210	Business Statistics I.	3 cr
QM 211	Business Statistics II	3 cr

C. Business Foundation Core (21 cr)

QM 319	Introduction to 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	Introduction to Marketing	3 cr
BUS 495	Business Policy Seminar	3 cr
HRM 343	Personnel Administration**	3 cr

* MIS 320 is not required for MIS concentration.

** HRM 343 is a requirement for concentrations in general business, human resource management, and marketing. It is not a requirement for accounting, finance, and management information systems.

D. Business Concentrations

All business management majors must complete at least one concentration in one of the following areas:

Accounting	24 cr
Finance	15 cr
General Business	15 cr
Human Resource Management	15 cr
Management Information Systems	21 cr
Marketing	15 cr

The specific concentration requirements are listed in this catalog under “Professional Areas of Study” prior to the business course descriptions. Selection of the concentration may be made at the time of formal admission into the degree program and preferably prior to completing 15 credits at the 300 level.

Declaring a Major in Business Management

Students must submit a formal application to the Advising Center or the Business Department office. Students will be classified as a declared business major, and will be notified of this by letter from the Business Department. Business majors will be assigned a faculty adviser from the Business Department.

New freshmen and transfer students who have an interest in pursuing a degree in business should meet with the assistant dean as early as possible to go over the transfer course evaluation and prerequisites.

Requirements to take 300-400 level business courses:

- A. Completion of 54 credits.
- B. Minimum overall GPA of 2.00 (calculated with and without transfer grades).
- C. Be within 12 or fewer credits of completing general education requirements.
- D. Complete with a C or better (C-minus is not acceptable) the pre-business curriculum:

MATH 112	College Algebra II
COMM 105	Public Speaking

ACCT 201	Financial Accounting
QM 210	Business Statistics I
ECON 120	Microeconomics
ECON 121	Macroeconomics
BUS 272	Legal Environment of Business

Students meeting all of these requirements will be allowed to take upper-level business courses and must meet all requirements for the major in effect at the time of acceptance. In addition students will also have to complete the following four courses with a minimum grade of C or better (C- minus is not acceptable):

MATH 142	Business Calculus
or	
MATH 221	Calculus & Analytic Geometry I
QM 211	Business Statistics II
ACCT 202	Managerial Cost Accounting

Written Communication (ENGL 201, 202, or 204)

Transfer Policies

Transfer students may fulfill some of the requirements for the business management major at UW-Parkside by substituting courses taken elsewhere (check with the assistant dean’s office - Molinaro Hall room 344). 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 business management. 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 management from regionally accredited four-year colleges or universities are eligible to be transferred for any course in a concentration. Students should consult with the assistant dean to arrange for school evaluation and approval of transfer credits.

Graduation Requirements

- A. Completion of 120 credits including general university requirements. A minimum of 60 credits of the total 120 credits must be in areas other than business and upper level economics. Economics 120 and 121 may count in the 60 credits.
- B. Completion of requirements of the Business Department as outlined above.
- C. An overall GPA of 2.00 or higher and a 2.50 GPA or higher in the upper-level foundation core and concentration (including any transfer courses).

Business Management Minor

The minor consists of 24 credits in business courses and 9 credits in non-business fundamental preparation courses. To declare a minor in business, students must submit an application to the Advising Center (Wyllie Hall room 107) or the Business Department office (Molinaro Hall room 344).

UNDERGRADUATE PROGRAMS

A. Fundamental Preparation Courses (9 cr)

ECON 120	Principles of Microeconomics	3 cr
ECON 121	Principles of Macroeconomics	3 cr

Written Communication Requirement (3 cr)

Choose one from the following:

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

B. Business Preparation Courses (12 cr)

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

C. Business Foundation Core Courses (12 cr)

FIN 330	Managerial Finance	3 cr
MKT 350	Introduction to Marketing	3 cr

And select 2 courses from the following:

HRM 343	Personnel Administration	3 cr
MGT 349	Organizational Behavior	3 cr
MIS 320	Management Information Systems	3 cr
QM 319	Introduction to Operations Mgt.	3 cr

To graduate with a business management minor, a student must:

- Complete the required program of courses outlined above.
- Complete with a C or better (C-minus is not acceptable) all of the fundamental preparation and business preparation courses.
- Earn a minimum overall GPA of 2.00 (including any transfer credits) and a minimum GPA of 2.50 in the business foundation core.

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 written permission from the assistant dean's office (Molinaro Hall room 344) in order to register for upper-level business courses.

Non-business students may take up to 30 credits of business courses. However, of the 30 credits, no more than 12 credits may be taken at the 300 or 400 level. To enroll in more than 12 credits of 300 or 400 level business courses, or more than 30 credits of business courses, students must be accepted as business management majors.

Business Department Policies and Procedures

- All 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.

- 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.
- Any business management major who is not completing a course at UW-Parkside for 12 consecutive months will be dropped as a major. Once dropped, a student must reapply for major status in business management and will be required to follow all requirements in effect at the time of re-admittance.
- All students must complete their degree program within 10 years of completing their first 300-level business course.
- Students are required to have a minimum overall GPA of 2.00 to be accepted as a business management major.
- All students are required to meet with their adviser prior to registration each semester.
- The final responsibility in selection of courses and the fulfillment of all graduation requirements rests with the student.
- 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 Business Department. Appeal procedures are available in the Business Department office (Molinaro Hall room 344).

Professional Areas of Study

Business students may choose from among six concentrations for their advanced area of study. 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.

Accounting:

Required courses: ACCT 301, 302, 305, 306, 400, 403, 404 and BUS 372.

Finance:

Required courses: FIN 335, 336, 431, and two courses from FIN 332, 433, 435, 437, ACCT 301, and ECON 366.

General Business:

15 credits from 300- or 400-level business courses, with no more than two courses or 6 credits in any one professional business area.

Human Resource Management:

Required courses: HRM 343, 443, 444, and two elective courses chosen from BUS 448, HRM 313, 340, 342, 490, 494, 499, MGT 446, 447, COMM 303, ECON 327/HIST 327, ECON 380, POLS 315, PSYC 310, 318, 319, 330, SOCA 371, 374. (These non-business electives may not be used toward the general business concentration.)

Management Information Systems:

Required courses: CSCI 220, MIS 221, 327, 328, 421, 425, and one from MIS 424, 427, or 490.

Marketing:

Required courses: MKT 354, 355, and 455, and two courses from MKT 356, 358, 359, 451, 452, 490, 494, 499, HPEA 450, COMM 305, COMM 326, or COMM 430.

Courses in Business

All 300- and 400-level courses listed below require junior or senior status

ACCOUNTING (ACCT)

- 201 Financial Accounting**3 cr
Prereq: MATH 112. 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 Cost Accounting**.....3 cr
Prereq: ACCT 201, QM 210, ECON 120. 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. Not available to students with credit in ACCT 303.
- 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 304. 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**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.

FINANCE (FIN)

- 234 Personal Finance**3 cr
Prereq: Computational skills req or equivalent. Freq: Occasionally.
 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, 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.
- 332 Working Capital Management**3 cr
Prereq: FIN 330. Freq: Fall.
 Study of the group of decisions that affect the firm's value primarily in the short run, including cash management; and management of marketable securities, receivables, inventory, and short-term liabilities.
- 335 Investments**3 cr
Prereq: QM 211, FIN 330. Freq: Fall.
 Introduction to securities markets and various investment instruments. Topics include portfolio theory, option pricing, efficient markets and evaluation techniques.
- 336 Management of Financial Institutions**3 cr
Prereq: QM 211, FIN 330 or concurrent registration. Freq: Spring.
 Management topics related to financial institutions including liquidity, capital, and earning asset management; models of the banking firm; credit risk analysis; term structure; interest rate risk management; and other bank functions.
- 337 International Business Finance**3 cr
Prereq: QM 211, FIN 330. Freq: Spring.
 Analytical techniques of investment and financing decisions involving international transactions. Topics include multinational firms' exposure to foreign exchange risk, political risk and international financial markets.
- 431 Advanced Managerial Finance**3 cr
Prereq: QM 211, 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.
- 433 Future and Options**3 cr
Prereq: FIN 335. Freq: Occasionally.
 Surveys futures and options markets in the United States; forward versus futures markets, pricing theory and use of futures markets, in hedging, speculating and arbitrating.
- 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, fixed-income securities, and financial derivatives; and portfolio performance evaluation.

- 437 Seminar in Financial Management**3 cr
Prereq: FIN 330. Freq: Spring.
 Extensive use of case studies to analyze the applications of financial management to current business problems such as security valuation, optimal capital structure, capital budgeting and working capital management. May be repeated for credit with different topic.
- 490 Special Topics in Finance**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.

GENERAL 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.
- 448 Small Business Consulting**3 cr
Prereq: Business Management major, senior standing, cum GPA 2.70, MKT 350, consent of instructor. Freq: Occasionally.
 Work with owners and managers of small businesses, learning their operating methods and assisting them in learning and implementing improved methods.

- 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 Business Policy Seminar**.....3 cr
Prereq: Senior standing; FIN 330, MKT 350, MGT 349. Freq: Fall, Spring.
 A capstone course focusing on the tasks of general managers. Strategic management as a key function and responsibility of general managers is emphasized through lectures. Group case analyses and presentations provide experience in the ability to manage the process by which an organization formulates and implements its strategy.
- 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.

HUMAN RESOURCE MANAGEMENT (HRM)

- 313 Management and Labor Relations**3 cr
Prereq: ECON 120. Freq: Occasionally.
 Principles and practices of collective bargaining and contract administration.
- 342 Labor Relations Law**3 cr
Prereq: HRM 343. Freq: Occasionally.
 The practical legal framework of private sector labor relations. Consideration of constitutional, statutory and administrative agency regulation of labor organizing, contract negotiations and disputes resolution.
- 343 Personnel Administration**.....3 cr
Prereq: Junior or senior standing. Freq: Fall, Spring.
 Policies, procedures, and theories in personnel administration; principles and techniques applicable to such problems as organizational relationships, staffing, training, wages, labor relations, and communications.
- 344 Employment Law**.....3 cr
Prereq: HRM 343. Freq: Occasionally.
 A study of the practical legal considerations relevant to the human resources or labor relations practitioner. Analysis of fair employment law, wage/hour law, and other legislation.

- 443 Personnel Selection and Training**.....3 cr
Prereq: HRM 343, QM 211. Freq: Fall, Spring.
 The study of personnel selection models and techniques used to insure optimal utilization of human resources, including a review of the legislation affecting such procedures. A systems approach to the design, implementation and evaluation of training and management development programs.
- 444 Compensation and Benefits**3 cr
Prereq: HRM 343. Freq: Fall, Spring.
 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**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 Issues in Management**3 cr
Prereq: ECON 121. Freq: Spring.
 Study of cross-cultural approaches and strategies to effectively manage workers in and from 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 Techniques3 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.....3 cr
Prereq: Dependent on subject matter. Freq: Occasionally.

Selected topics in management. Subject varies; see current course schedule.

494 Internship in Management1-3 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 information systems under the supervision of a faculty member. Six hours credit maximum.

MANAGEMENT INFORMATION SYSTEMS (MIS)

221 Business Programming.....3 cr
Prereq: None. 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.

320 Management Information Systems3 cr
Prereq: ACCT 201, ACCT 202. Freq: Fall, Spring.

Use of the computer as a problem-solving tool, as part of data processing systems, management information systems, and decision support systems. Information systems planning and development. Overview of computer hardware, software, database management, networking and web technologies.

327 Business Data Communication.....3 cr
Prereq: None. Freq: Spring.

Fundamental principles of data communication, analysis and design of computer communication networks ranging from LAN to global networks, state-of-the-art communication technology, network monitoring and management.

328 Database Management Systems3 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.

421 Object-Oriented Programming I.....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. Creating programs use classes created by students, as well as standard library classes.

422 Object-Oriented Programming II3 cr
Prereq: CSCI 220, MIS 328, MIS 421. Freq: Occasionally

A continuation of MIS 421 that introduces more advanced object-oriented programming language features. Introduction to applications of object-oriented programming languages: database connectivity, graphical user interfaces, event-driven software, and the development of web-based, server-side programs.

424 Advanced Business Data Communications3 cr
Prereq: MIS 327. 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.

425 System Analysis and Design.....3 cr
Prereq: MIS 328, MIS 421. Freq: Spring.

System development using the life cycle, rapid application development, prototyping, software acquisition, structured and object-oriented techniques and project management.

426 System Development Project3 cr
Prereq: MIS 421. Freq: Occasionally.

Design, documentation, coding, and implementation of an actual system in an organization; project estimating, budgeting, and management techniques.

427 Midrange Computing3 cr
Prereq: MIS 321. Freq: Spring.

An introduction to business programming on a midrange computer. Overview of the operating system and program development environment. Development of interactive, batch, file inquiry and maintenance programs.

490 Special Topics in Management Information Systems.....3 cr
Prereq: Dependent on subject matter. Freq: Occasionally.

Selected topics in management information systems. 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 management information systems under the supervision of a faculty member. Six hours credit maximum.

MARKETING (MKT)

- 350 Introduction to Marketing.....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 Research3 cr**
Prereq: MKT 350, QM 211. 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 Behavior3 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 International Marketing.....3 cr**
Prereq: MKT 350, ACCT 201. Freq: Fall.
 Investigation of the problems involved in managing the marketing function in an international environment. Market and environmental differences are examined.
- 358 Promotional Management3 cr**
Prereq: MKT 350. Freq: Occasionally
 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.
- 359 Marketing Channels Management.....3 cr**
Prereq: MKT 350. Freq: Occasionally
 Investigation of problems involved in marketing channels for goods and services and management of those channels. Viewpoints of manufacturer, wholesaler, and retailer presented.
- 451 Business-to-Business Marketing.....3 cr**
Prereq: MKT 350, ACCT 201. Freq: Occasionally
 The study of the marketing of goods and services to businesses, institutions and government agencies. Emphasis is on problem solving and analysis using business cases, some of which involve international marketing.
- 452 Product Management.....3 cr**
Prereq: MKT 350. Freq: Occasionally.
 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: Two 300 or 400 level MKT courses beyond MKT 350. Freq: Fall, Spring.
 Marketing strategies and the strategic planning process in practical business situations. Case studies, or projects, and/or live problems of area organizations will be analyzed.
- 490 Special Topics in Marketing1-3 cr**
Prereq: Dependent on subject matter. Freq: Occasionally.
 Selected topics in marketing. Subject varies; see current course schedule.
- 494 Internship in Marketing1-3 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 Marketing.....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 marketing under the supervision of a faculty member. Six hours credit maximum.

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.
- 211 Business Statistics II.....3 cr**
Prereq: QM 210, MATH 142. 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 Introduction to Operations Management3 cr**
Prereq: QM 210, MATH 142. Freq: Fall, Spring.
 Introduction to the role of the operations function in an organization; linear programming; continuous and intermittent production processes; aggregate planning; inventory control; materials management; scheduling; project management; quality assurance.
- 490 Special Topics In Statistics and Quantitative Methods.....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 • www.uwp.edu/academic/chemistry

Degree Offered:

Bachelor of Science.

Professors:

Judge, Ph.D.; Kolb, Ph.D.

Associate Professor:

Allen, Ph.D.; Wood, Ph.D. (Chair).

Assistant Professors:

Chang, Ph.D.

Senior Lecturers:

Anderson, M.S.; Carlson, Ph.D.

Professional Accreditations and Memberships:

The chemistry degree is approved by the American Chemical Society.

Student Organizations/Clubs:

Chemistry majors are encouraged to join the Chemistry Club.

Career Possibilities:

Chemistry graduates have an excellent placement rate. They are employed 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 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.

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

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 2.5 in all courses required for the major, including math and physics.

A. Core Chemistry Courses (40 credits):

CHEM 113	Chemical Principles I*	5 cr
CHEM 114	Chemical Principles II*	5 cr
CHEM 208	Contemporary Chemical Analysis	2 cr
CHEM 302	Physical Chemistry I	4 cr
CHEM 303	Physical Chemistry II	4 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 101, 102 and 207 for the 113 and 114 requirement.

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

Either ONE of:		
CHEM 305	Physical Chemistry Laboratory II	2 cr
CHEM 401	Advanced Organic Laboratory*	3 cr

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

Biochemistry deals with the chemical and physical properties of compounds from living organisms. The biochemistry concentration provides excellent background for graduate study in bio-

chemistry, medicine, microbiology, molecular biology, pharmacy, pharmacology, pharmaceutical chemistry and other biological sciences. Because this concentration includes biology courses in addition to most of the courses required for the chemistry major, it will also provide 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 courses in this category rather than the electives listed under category C.

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

Either one of:

CHEM 495	Senior Seminar	1 cr
CHEM 497	Senior Thesis	1 cr

Students in the biochemistry concentration should consult their adviser regarding additional courses for graduate school preparation.

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

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. The two approved groupings of UW-Parkside courses are:

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		
CHEM 101	General Chemistry I.	5 cr
CHEM 102	General Chemistry II	5 cr
CHEM 207	General Chemistry III	3 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

The Chemistry Placement Test

Anyone wishing to enroll for credit in CHEM 101, 113 or 115 must first obtain a suitable score on the chemistry placement test. The test will be offered during all normal registration periods, including that for summer session.

CHEM 100, The World of Chemistry is intended for students who do not obtain an adequate score on the placement test or who did not have high school chemistry and desire some grounding in the subject before taking CHEM 101 or 115. Students who earn a grade of C or better in CHEM 100 need not repeat the placement test for admission into CHEM 101 or 115.

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.

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 and suitable score on chemistry placement test or a minimum of grade of C in CHEM 100. Freq: Fall, Spring.

The first half of an introductory course in general chemistry 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 or concurrent enrollment and suitable score on chemistry placement test or consent of instructor. Freq: Fall
 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 101. Lectures cover the fundamental principles of chemistry starting with chemical bonding. The laboratory makes extensive use of 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: Spring.
 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: Suitable score on chemistry placement test, and either UW-Milwaukee math proficiency or UW-P 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.
- 207 General Chemistry III**.....3 cr
Prereq: C or better in CHEM 102 or consent of instructor. Freq: Fall.
 Chemical kinetics and equilibrium as applied to methods of chemical analysis. Specific attention is given to the analysis of complex mixtures and the effects of competing equilibria in acid-base determinations, complexation reactions, precipitation and oxidation-reduction reactions. This class also provides an overview of extraction techniques and electrochemical measurements. Laboratory experiments are investigative and are designed to reinforce lecture topics. Not open to students with credit in CHEM 114. Two-hour lecture; three-hour lab.
- 208 Contemporary Chemical Analysis**.....2 cr
Prereq: C or better in CHEM 207 or in CHEM 114. Freq: Spring.
 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.
- 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 114 or 207, in MATH 222, and in PHYS 202. Freq: Fall.
 A study of the kinetic theory of gases and thermodynamics. Laboratory utilizes spreadsheets and higher level programming for numerical analysis. Three-hour lecture; three-hour lab.
- 303 Physical Chemistry II**4 cr
Prereq: CHEM 302. Freq: Spring.
 A continuation of CHEM 302. Statistical mechanics, reaction kinetics and quantum mechanics. Laboratory includes computational methods most used in theoretical chemistry and practical quantum calculations. Three-hour lecture; three-hour lab.
- 304 Physical Chemistry Laboratory I**.....3 cr
Prereq: CHEM 302 or concurrent registration. Freq: Fall.
 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 208 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 as BIOS 307.)
- 308 Biochemistry Laboratory**.....2 cr
Prereq: CHEM 307 or consent of instructor. Freq: Fall, Spring.
 Familiarization with the use of scientific instruments and techniques, and developing proficiency in the process of scientific investigation. Not open to students with credit in BIOS 435. Four-hour lab.
- 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 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**.....3 cr
Prereq: None. Freq: Occasionally.
 Selected topics in chemistry will be examined.
- 400 Instrumental Analysis Laboratory**3 cr
Prereq: C or better in CHEM 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: CHEM 322 and 323. Freq: Spring.
 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. Six-hour lab.
- 402 Advanced Organic Chemistry**3 cr
Prereq: 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.
 Special topics in chemistry.
- 495 Senior Seminar**.....1 cr
Prereq: Junior or senior standing. Freq: Spring.
 Research and presentation of selected topics from the 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 or literature search.
- 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 satisfactory/unsatisfactory 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

Communication Arts 265 • (262) 595-2331 • www.uwp.edu/academic/communication

Degree Offered:

Bachelor of Arts.

Professor:

Leeds-Hurwitz, Ph.D.

Associate Professor:

Shailor, Ph.D. (Chair); Akindes, Ph.D.

Assistant Professors:

Castor, Ph.D., Mullen, Ph.D.

Lecturer:

Peterson, M.A.

Student Organizations/Clubs:

Parkside Association of Communicators, Lambda Pi Eta, Theatre of Empowerment.

Career Possibilities:

Mediation, marketing, sales, public relations, publicity, media production, advertising, management, training and development, human resources, customer service, special events, speech writing, recruitment.

Department Overview

Communication affects our lives at multiple levels. At one level, communication can be thought of as the way we construct knowledge and information through human interaction — whether face to face (such as having a conversation) or mediated (such as watching a film or television).

At another level, communication 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. Recognizing that there are multiple perspectives on what we study, the Communication Department is committed to creating a learning community within which students, faculty, and staff jointly investigate the theoretical knowledge of the discipline while learning and using a shared set of communication skills. Our goal is to understand the human communication process in its many applications, to use it responsibly, and to reassess it when necessary.

The 39-credit communication major and 21-credit minor aid students in developing cultural competence: the ability to understand taken-for-granted communication patterns that create and sustain human relations, and the ability to apply this understanding creatively in the cultural contexts in which we live and work. The communication program fosters cultural competence through experiential learning within the context of theoretical

course work. By the end of their program of study, communication majors are expected to be able to demonstrate two levels of cultural competence: professional and theoretical. Twelve competencies state the assumptions common to courses in the major.

Student understanding of the competencies is demonstrated through a portfolio of their work as majors prepared as part of COMM 495, Senior Seminar.

Departmental Competencies

Recognizing that communication is a dynamic process of interaction, the first six competencies may be described as professional; they focus on practical applications of communication:

- Working effectively with information, including evaluating materials produced by others, synthesizing viewpoints, and creating new ideas.
- Attending to detail, negotiating situations, observing one's own place in specific contexts, and thinking systematically.
- Analyzing rules and patterns in social and mediated interactions.
- Working constructively and building supportive relationships in groups.
- Solving problems, including defining a problem, and designing, implementing and evaluating solutions.
- Creating ethical messages appropriate for a variety of audiences and purposes.

Recognizing that effective communication requires thoughtful reflection and understanding of one's environment, the second six competencies may be described as theoretical; they focus on understanding the processes of human interaction:

- Understanding communication as the social construction of reality.
- Understanding identity as constructed and sustained through language and interaction.
- Understanding the role of communication in creating, sustaining, and changing cultural differences.
- Understanding individuals as members of multiple groups, organizations and communities.
- Understanding the role of symbolic forms — including image, metaphor, narrative and ritual — in creating and negotiating meaningful social life.
- Understanding the connections between communication media and how people have thought and acted over time.

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.

Internships

An internship is a university-regulated job experience designed to round out a student's education. COMM 494, the internship course, 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. An internship is strongly recommended for communication majors, particularly during the senior year.

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. Internships 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. See the internship director for detailed instructions. Up to 3 credits of internship may be counted toward the 400-level electives requirement in the major.

Parkside Association of Communicators (PAC)

The Parkside Association of Communicators is a student organization dedicated to promoting interaction and presenting programs valuable to students' professional and intellectual development.

Lambda Pi Eta (LPH)

Lambda Pi Eta 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. LPH is a way for high-level students to explore the discipline of communication.

Theatre of Empowerment (TOE)

Theatre of Empowerment is a group committed to addressing conflict and promoting dialogue through the medium of public performance. The goals of the group are to raise awareness of particular social problems, and to engage the audience in finding new and create ways to manage them.

Requirements for the Communication Major

To be accepted as a major in communication, a student must have a 2.25 GPA overall. Students admitted to the major should plan to complete the 100- and 200-level requirements in communication before taking upper-division courses. As communication majors generally obtain jobs in which writing plays a significant

role, majors are also required to complete English 201 prior to enrolling in upper-division courses. Non-majors interested in taking upper-division communication courses should consult with the course instructor before registering. The communication major consists of 39 credits. At least 15 credits of upper-level courses in the major must be completed at UW-Parkside.

The requirements are as follows:

1. Core Courses (12 credits)

COMM 107	Communication and the Human Condition	3 cr
COMM 108	Media and Society	3 cr
COMM 209	Communication Research Methods	3 cr
COMM 211	Communication Theory	3 cr

2. Applied Courses (6 credits)

COMM 105	Public Speaking	3 cr
COMM 250	Media Message Design	3 cr

3. Electives (18 credits)

- 6 credits in communication courses numbered 400-494
- 6 credits in communication courses numbered 300-399
- 3 credits in communication courses numbered 300-494
- 3 credits of electives in communication courses at any level to be chosen after consultation with an adviser
- Only 3 credits of COMM 494 may be counted toward the major. COMM 499 does not count toward the major.

4. COMM 495 Senior Seminar 3 cr

Note: All students must take 36 credits at the 300-level or above to graduate from UW-Parkside. The communication major provides 18-21 of these credits.

Requirements for the Communication Minor

The following courses constitute the core requirements for a communication minor:

COMM 107	Communication and the Human Condition	3 cr
COMM 108	Media and Society	3 cr
COMM 209	Communication Research Methods	3 cr
COMM 211	Communication Theory	3 cr

In addition to the core requirements, the student must complete nine 9 additional credits in communication, at least 6 credits of which are in courses numbered 300 or above. These credits must be approved in consultation with a communication adviser.

Teacher Licensure

Students seeking teacher licensure in the communication major must fulfill Wisconsin Department of Public Instruction requirements; therefore, their course requirements differ from those of the non-teaching major. Their requirements are as follows:

1. Core Courses (12 credits)

- COMM 107 Communication and the Human Condition 3 cr
- COMM 108 Media and Society 3 cr
- COMM 209 Communication Research Methods . . . 3 cr
- COMM 211 Communication Theory 3 cr

2. Applied Courses (6 credits)

- COMM 105 Public Speaking 3 cr
- COMM 250 Media Message Design 3 cr

3. Electives (18 credits)

6 credits in communication courses numbered 400-494
 9 credits in communication courses numbered 300-399
 distributed as follows:

- COMM 310 Communication in Everyday Life. 3 cr
- And 2 of the following:
- COMM 315 Communication and Gender 3 cr
 - COMM 330 Communication and Socialization 3 cr
 - COMM 363 Communication and Ethnicity. 3 cr
 - COMM 365 Intercultural Communication. 3 cr

3 credits of electives in communication courses at any level,
 to be chosen after consultation with an adviser.

4. COMM 495 Senior Seminar 3 cr

Certificate in Conflict Analysis and Resolution

The certificate program in conflict analysis and resolution (CAR) offers both practical and theoretical training in the skillful and adaptive management of differences. The program is based on the assumption that communication is the primary social process, the material means by which people create discord or harmony, oppression or justice. Effective conflict management involves the creation of communication practices that transform situations of conflict into opportunities to develop both personal strength and compassion for others.

The CAR program helps students develop an array of tools for analyzing and intervening in social conflicts. To complete the program, the student must complete three core courses (9 credits), and one elective course (3 credits). The total number of credits required for the certificate is 12.

Core Courses (9 credits)

The three core courses provide theoretically informed skills training in three areas of conflict analysis and resolution: conflict management, dialogue facilitation, and public intervention, and must be taken in sequence. All three courses are required for completion of the certificate.

- COMM 285 Introduction to Conflict Management . 3 cr
- COMM 385 Strategies for Constructive Dialogue. . . 3 cr
- COMM 485 Designing Conflict Intervention. 3 cr

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 concentration. 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: Issues in Conflict Analysis and Resolution. 1-4 cr
- HIST 260 International Conflict. 3 cr
- HIST 262 Historic Patterns of Peace and Warfare 3 cr
- HIST 490 Special Topics in History 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
- PHIL 490 Special Topics in Philosophy 1-4 cr
- POLS 315 Diversity Law: Tribal Nations 3 cr
- POLS 341 International Conflict and Cooperation. 3 cr
- POLS 490 Special Topics in Political Science. 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
- SOCA 490 Special Topics in Sociology and/or Anthropology 3 cr

NOTE: Only some Special Topics courses will be appropriate. See your program adviser for approval prior to registration.

Courses in Communication (COMM)

- 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 for audit.
- 107 Communication and the Human Condition.....3 cr
Prereq: None. Freq: Fall, Spring.
 A systematic inquiry into the consequences of how people in diverse cultural groups communicate for self, for others, and for the social worlds in which they live.
- 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.

UNDERGRADUATE PROGRAMS

- 202 Group Problem-Solving**3 cr
Prereq: None. Freq: Occasionally.
 Practice with an array of strategies for decision making and conflict management in variety of social contexts. Exploration of relevant theories of group dynamics. Not for audit.
- 209 Communication Research Methods**3 cr
Prereq: COMM 107, 108 or consent of instructor.
Freq: Fall, Spring.
 An overview of the major research methods used in communication, with several qualitative research methods presented in detail.
- 211 Communication Theory**3 cr
Prereq: COMM 107, 108 or consent of instructor.
Freq: Fall, Spring.
 A critical examination of the various theoretical approaches to the study of communication and the similarities and differences among them.
- 250 Media Message Design**.....3 cr
Prereq: COMM 107, 108, 209, and 211 or consent of instructor.
Freq: Fall, Spring.
 Introduction to a variety of media tools used in communication, including press releases, e-mail, desktop publishing, web page design, and videotape production.
- 285 Introduction to Conflict Management**.....3 cr
Prereq: One of: COMM 107, HIST 101, PHIL 206, POLS 101, SOCA 101, or consent of program adviser. Freq: Fall, Spring.
 Trains students in the theory and practice of conflict management. Topics include conflict styles, power, face and third-party intervention.
- 290 Special Topics in Communication**1-4 cr
Prereq: None. Freq: Occasionally.
 Selected topics in communication will be examined.
- 303 Organizational Communication**.....3 cr
Prereq: Core courses or consent of instructor. Freq: Fall.
 An examination of the role of communication in organizational settings. Topics include organizational communication theories and elements, and contemporary organizational systems and their functioning.
- 305 Public Relations and Society**3 cr
Prereq: Core courses and COMM 250 or consent of instructor.
Freq: Spring.
 A study of the partnership of public relations to the organizations and audiences it serves with practical experience in how organizations engage in public relations activities.
- 310 Communication in Everyday Life**3 cr
Prereq: Core courses or consent of instructor. Freq: Fall.
 A detailed examination of the role of communication in structuring and accomplishing everyday activities through the observation of human interaction in its social context.
- 315 Communication and Gender**3 cr
Prereq: Core courses or consent of instructor. Freq: Spring.
 An examination of 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.
- 326 Marketing Communication and Society**3 cr
Prereq: Core courses or consent of instructor. Freq: Fall.
 A critical examination of the strategies and techniques of integrated marketing communication (IMC), with emphasis on promotions, advertising and consumer behavior. Exploration of implications of culture upon the process of IMC.
- 330 Communication and Socialization**3 cr
Prereq: Core courses and COMM 310 or consent of instructor.
Freq: Occasionally.
 Examines how children learn to communicate in three major settings: at home, in classrooms, and with peers. Focus on observations of real children in real contexts.
- 335 Language in Human Communication**.....3 cr
Prereq: Core courses or consent of instructor. Freq: Occasionally.
 Exploration of the role of language in naming the social world and in producing and reproducing culture.
- 358 Methods of Teaching Communication in Secondary School**.....3 cr
Prereq: COMM 105, 107; Adm to COMM major and TEDU program. Freq: Occasionally.
 Planning, teaching, and evaluation of learning in secondary school communication studies. Includes the teaching of public speaking, interpersonal communication, argumentation and debate, and coaching forensics activities. Off-campus clinical experiences are an integral part of this course.
- 360 Broadcasting, Telecommunications, and Society**.....3 cr
Prereq: Core courses or consent of instructor. Freq: Spring.
 An examination of the social and political development and the nature and role of broadcast and telecommunications industries, as well as contemporary public policy issues.
- 361 Communication and Popular Culture**.....3 cr
Prereq: Core courses or consent of of instructor. Freq: Spring.
 The role of communication in the creation and reach of popular culture. The course examines popular music, art, entertainment, ideas, fads, ideologies, beliefs, fashions, and other communication created human artifacts.
- 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, Latino/a Americans, and Native American Indians. (Cross listed as ETHN 363)
- 365 Intercultural Communication**3 cr
Prereq: Core courses or consent of instructor. Freq: Fall.
 Interpretive and critical approaches to understanding communication across cultural differences.
- 366 Communication and Popular Music**3cr
Prereq: Core courses or consent of instructor. Freq: Spring
 Explores the cultural politics of popular music as communication in contemporary society.

- 368 Children and the Media**.....3 cr
Prereq: Core courses or consent of instructor. Freq: Yearly.
 A critical examination of the ways electronic media affect the lives of children. The course gives particular attention to research studies and current policy debates.
- 370 Communication and Social Change**.....3 cr
Prereq: Core courses or consent of instructor. Freq: Spring.
 A critical examination of social movements from organizational and rhetorical perspectives to learn how movements call for social change and how social change occurs through symbolic protest.
- 385 Strategies for Constructive Dialogue**.....3 cr
Prereq: COMM 285 or consent of instructor. Freq: Spring.
 Explores the means by which we might improve the quality of public communication in a participatory democracy. Practice with a variety of models for community conversations.
- 410 Issues in Media Study**3 cr
Prereq: Core courses, COMM 105, 250 and junior standing or consent of instructor. Freq: Fall.
 An advanced study of approaches to contemporary mass media including varying political perspectives and approaches to public policy, production, content, and audiences. May be repeated for credit with different topic.
- 430 Cyberspace Communication**3 cr
Prereq: Core courses, COMM 105, 250, and junior standing or consent of instructor. Freq: Fall.
 Critical analysis of computer-mediated communication and the cultures emerging among Internet users.
- 440 Communication Codes**3 cr
Prereq: Core courses, COMM 105, 250, 310 and junior standing or consent of instructor. Freq: Spring.
 An exploration and analysis of the structures, and consequences of various sign and symbolic communication codes including food, clothing, objects, etc.
- 445 Issues in Communication Theory and Research**3 cr
Prereq: Core courses, COMM 105, 250, and junior standing or consent of instructor. Freq: Fall.
 A critical analysis of how theory and research affect our lives and of the issues involved in understanding, evaluating, and using communication theory and research. May be repeated with different content.

- 463 Gender, Race, and Class in Media**3 cr
Prereq: Core courses, COMM 105, 250 and junior standing or consent of instructor. Freq: Fall.
 Explores how mediated representations of gender, race, and class contribute to our cultural identities.
- 485 Designing Conflict Interventions**.....3 cr
Prereq: COMM 285 and 385 or consent of instructor. Freq: Fall.
 Practicum in planning, enacting and evaluating responses to conflicts in a public setting (school, business, or community).
- 490 Special Topics in Communication**1-4 cr
Prereq: Core courses or consent of instructor. Freq: Occasionally.
 Advanced selected topics in communication will be examined.
- 494 Communication Internship**1-3 cr
Prereq: COMM major, 2.80 GPA in the major, senior standing, and consent of instructor. Freq: Fall, Spring, Summer.
 Field experience combined with a guided, systematic and structured application of communication concepts. Consult 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, COMM 105, 250, graduating senior or consent of instructor. Freq: Fall, Spring.
 An intensive seminar for the purposes of assessing, integrating, and extending the student's intellectual grasp of the field. To be taken during a student's final semester.
- 499 Independent Study**.....1-3 cr
Prereq: Core courses and consent of instructor, department chair. Freq: Fall, Spring, Summer.
 Individual investigation of selected problems in communication. May be repeated for credit. Does not count toward the major.

Graduate Courses

- 702 Organizational Communication**.....3 cr
Prereq: Graduate standing and consent of instructor. Freq: Occasionally.
 Provides a framework for understanding communication processes and systems in organizations and how these relate to organizational performance.

COMMUNITY BASED LEARNING

Center for Community Partnerships • Tallent Hall • (262) 595-3340
 Institute for Community Based Learning • Tallent Hall • (262) 595-2599

Degree Offered:

None. A certificate in community based learning is offered.

Program Overview

Students may earn a certificate for community based learning applications in a specific subject area or in an interdisciplinary area. 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 our attempts to connect to the community in a consistent way through our curriculum. It aims to enhance learning in a variety of ways by:

- a) strengthening student citizenship skills and civic engagement;
- b) increasing students' understanding about how they can both help and be helped by the community on a long-term basis;
- c) providing students a richer understanding of their major and related fields;
- d) helping students see how their knowledge can be applied in the workplace and how it is related to jobs they might hold;
- e) developing various practical skills such as problem solving, teamwork, and making presentations;
- f) giving students experience working with diverse groups.

The Community Based Learning program steering committee will review and approve each student's certificate program, ensuring that each entire program includes all of the above characteristics.

Certificate Requirements

The certificate is awarded for 10 credits of work, which must include the following:

- 1. Introduction to Community Based Learning, 2-3-credits
- 2. Credits earned for community based learning done in conjunction with regularly offered courses:
 - a. Courses listed in course catalog as community based learning (CBL) courses (other than the Introductory and capstone courses);
 - b. Courses designated in the semester course schedule as carrying a certain number of CBL credits (which do not count as additional credits toward graduation); and/or
 - c. Credits negotiated with instructors for courses not designated with CBL credit in course schedule, for individual or collaborative community projects, with the approval of the CBL program steering committee.

- 3. 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).
- 4. Community Based Learning Capstone course, 3-credits.

The introduction and capstone courses are required; other credits are arranged for individual courses. Each student's program is reviewed and approved by the program steering committee, with the goal of ensuring that the entire experience incorporates learning outcomes "a" through "f" under program overview.

A specially designated subset of the advisory board for the Institute for Community Based Learning serves as the program steering committee. Current faculty members include Peggy James, Dirk Baldwin, Norm Cloutier, Susan Haller, Paul Boyer, Alan Goldsmith, Jerry Greenfield, and Anne Statham (Chair). Academic staff members include Casey Jones, Roseann Mason, Mark Marlaire, and Esther Letven. Community members include Cooperative Extension faculty Tedi Winnett and Jim Kennedy.

Courses in the Certificate for Community Based Learning

101 Introduction to Community Based Learning..... 2-3cr
Prereq: None. Freq: Fall

This course prepares students for community based learning experiences by exposing them to relevant philosophical or theoretical approaches, good practice and applied exercises. Through this course, students will gain a common understanding of the intent of these experiences, improving their ability to capitalize on the relevance for their academic and their career objectives.

495 Capstone in Community Based Learning3 cr
Prereq: CBL 101 or consent of instructor. Freq: Spring

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. Major community building perspectives and theories are incorporated into the course.

COMPUTER SCIENCE

Molinaro 248 • (262) 595-2314

<http://www.uwp.edu/academic/business.technology/cs.html>

Degrees Offered:

Bachelor of Science in Computer Science.
Master of Science in Computer and Information Systems
(see graduate section of this catalog).

Professors:

Fossum, Ph.D. (Chair)

Associate Professors:

Haller, Ph.D.; Hansen, Ph.D.; McCann, Ph.D.

Assistant Professors:

Lincke-Salecker, Ph.D.

Lecturers:

Eddy, M.S.; Knautz, B.S.

Student Organizations/Clubs:

Computer Science Club

Career Possibilities:

Software engineer, systems programmer, applications programmer, network administrator, systems developer, systems 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 that computing systems have in our economy and government require an increasingly educated and technologically aware citizenry as well as highly skilled and knowledgeable computing professionals who understand, design, implement and manage complex information systems.

The science of computing is relatively new, having emerged only in the 1960s as an academic discipline. The computer science major at UW-Parkside was established in 1979. Since the inception of the major, UW-Parkside's computer science 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 systems that work. They must be able to work cooperatively with others 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. The department's computer

science laboratory conference area is open to computer science students for study and discussion. Computer science students use the laboratory's high-performance workstations, servers, and printing facilities – all available by card access during building hours – to carry out their programming and laboratory work.

The computer science major includes 63 credits in computer science, mathematics, engineering, and the sciences. In addition, students majoring in computer science fulfill a 9-credit computer science breadth requirement that includes courses in significant application domains such as science, mathematics, engineering, business and 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 Engineering Department, in cooperation with the Computer Science Department, offers a computer engineering concentration in computer science. See the Engineering Department section of this catalog for more information.

The Computer Science Department and the Department of Mathematics 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 34-credit computer science minor and certificates in World Wide Web publishing and UNIX system administration.

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.

Internships

Many businesses and industrial firms in the area hire UW-Parkside computer science students as part-time employees in computing-related jobs. In addition to facilitating these informal non-credit internships, the Computer Science Department sponsors a formal credit-bearing internship program with selected companies. In a formal internship, the student, the computer science faculty, and the student's company supervisor collectively agree on fixed-term internship objectives; progress towards meeting these objectives is evaluated periodically throughout the term. Students should contact the department chair for more information on formal and informal internships.

Computer Science Major Requirements for Graduation

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.

Computer science (CSCI) major required courses (72-73 credits):

Mathematics

MATH 221	Calculus and Analytic Geometry I	5 cr
MATH 309	Probability and Statistics.	4 cr

Science

PHYS 201	General Physics I	5 cr
or		
CHEM 101	General Chemistry I.	5 cr

Engineering

ENGR 250	Digital Logic and Computer Organization	4 cr
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Computer Science

CSCI 231	Discrete Math.	3 cr
CSCI 241	Computer Science I	4 cr
CSCI 242	Computer Science II.	4 cr
CSCI 331	Computational Models.	3 cr
CSCI 333	Programming Languages.	3 cr
CSCI 340	Data Structures and Algorithm Design . . .	3 cr
CSCI 355	Assembly Language Programming and Computer Architecture	4 cr
CSCI 370	Distributed Systems	3 cr
CSCI 380	Files and Databases.	4 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

Electives (select two)

CSCI 405	Artificial Intelligence.	3 cr
CSCI 409	Introduction to Human-Computer Interfaces	3 cr
CSCI 420	Computer Graphics	3 cr
CSCI 440	Compiler Design and Implementation . .	4 cr
CSCI 444	Event-Driven Programming	3 cr
CSCI 467	Computability and Automata.	3 cr
CSCI 470	Operating System Implementation.	3 cr
CSCI 477	Computer Communications and Networks	3 cr
CSCI 480	Database Concepts	3 cr

Computer Science Breadth Requirement

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, engineering, business and economics. Pre-approved packages include:

- MATH 222 and 301
- MATH 222 and PHYS 202
- CHEM 102 and 215
- ENGR 100, 201, and 450
- ACCT 201, FIN 330, and MKT 350
- ECON 320 or 321, and two additional 300-level ECON courses

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.

Computer Science/Mathematics Double Major (89-90 credits)

Students may satisfy graduation requirements for both computer science and mathematics by completing the degree requirements for computer science with PHYS 201 together with the following mathematics courses (which automatically satisfy the computer science breadth requirement):

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 and their Applications	4 cr
MATH 350	Introduction to Real Analysis	4 cr
MATH 441	Abstract Algebra	4 cr

Students in the computer science/mathematics double major are encouraged to take computer science electives from the following list:

CSCI 405	Artificial Intelligence.	3 cr
CSCI 440	Compiler Design and Implementation .	4 cr
CSCI 467	Computability and Automata	3 cr

Computer Science/Computer Engineering Concentration (83-86 credits)

See the Engineering Department section of this catalog for information about the computer science/computer engineering concentration.

Course Restrictions

Computer science courses are generally not available for audit. Those computer science courses numbered above 242 are open only to students with a UW-Parkside cumulative GPA of 2.50 in courses eligible to satisfy computer science major requirements, not including computer science breadth courses.

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. In the case of the computer science/computer engineering concentration, substitutions require the approval of both the computer science faculty and the engineering 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.

Minor in Computer Science

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.

Computer science minor required courses (34 credits)

Mathematics

MATH 221 Calculus and Analytic Geometry I 5 cr

Engineering

ENGR 250 Digital Logic and
Computer Organization 4 cr

Computer Science

CSCI 231 Discrete Mathematics 3 cr
CSCI 241 Computer Science I 4 cr
CSCI 242 Computer Science II. 4 cr
CSCI 331 Computational Models 3 cr

CSCI 355 Assembly Language Programming
and Computer Architecture 4 cr
C SCI 380 Files and Databases 4 cr

Electives (select one)

CSCI 333 Programming Languages 3 cr
CSCI 370 Distributed Systems 3 cr
CSCI 467 Computability and Automata 3 cr
CSCI 475 Software Engineering
Principles and Practice I 3 cr
CSCI 480 Database Concepts 3 cr

Certificate in UNIX System Administration

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:

Certificate in UNIX System Administration required courses (9 credits):

CSCI 241 Computer Science I 4 cr
CSCI 275 UNIX Concepts and Tools 2 cr
CSCI 375 UNIX System Administration 3 cr

Certificate in World Wide Web Publishing

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.

Certificate in World Wide Web publishing required courses (15 credits):

ART 102 Introduction to
Two-Dimensional Design 3 cr
ART 271 Introduction to
Graphic Design and Illustration 3 cr
CSCI 105 Introduction to Computers 3 cr
CSCI 220 Webpage Design 3 cr
CSCI 322 Web Programming 3 cr
or
ART 377 Web Design for Designers 3 cr

Courses in Computer Science (CSCI)

105 Introduction to Computers 3 cr
Prereq: None. Freq: Fall, Spring.
History of computer development, technological and social impact, principles of operation, laboratory experience, and elementary programming concepts. Two-hour lecture, two-hour lab.

- 106 Computer Productivity Tools**3 cr
Prereq: None. Freq: Fall, Spring.
 Introduction to computers, document processing, spreadsheets, and database management tools. Two-hour lecture, two-hour lab.
- 130 Introduction to Programming**.....1 cr
Prereq: MATH 111 or equivalent. Freq: Fall, Spring.
 Fundamentals of a programming language: input/output, variables and assignment, program control and subroutines.
- 220 Webpage Design**3 cr
Prereq: CSCI 105 or consent of instructor. Freq: Fall.
 Basic design considerations for browsers and displays; HTML tag structure and syntax; links, hypertext and non-linear design; tables, frames, and forms; graphic file formats, multimedia elements, audio, animation, and video; cascading style sheets; and an introduction to dynamic HTML. Two-hour lecture, two-hour lab.
- 231 Discrete Mathematics**3 cr
Prereq: MATH 221. 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 as MATH 231.)
- 241 Computer Science I**4 cr
Prereq: Exposure to programming; MATH 221 or concurrent registration. Freq: Fall, Spring.
 Organization and characteristics of computers, algorithms and programs, fundamentals of programming in a high-level language, and introduction to object-oriented programming. Three-hour lecture, two-hour lab.
- 242 Computer Science II**4 cr
Prereq: CSCI 231 or concurrent registration and CSCI 241. Freq: Fall, Spring.
 Programming style, string manipulation, searching and sorting, data structures, files and records. Three-hour lecture, two-hour lab.
- 245 Assembly Language Programming**3 cr
Prereq: CSCI 241. Freq: Occasionally.
 Organization of computers, digital representation of data, symbolic coding and assembler systems, instructions, addressing modes, program segmentation and linkage, and applications.
- 275 UNIX Concepts and Tools**2 cr
Prereq: CSCI 241 or equivalent programming experience. Freq: Fall.
 Concepts and tools for UNIX including file system organization, directory and file manipulation, UNIX processes, editors, text formatting software, filters, X11 windows interface, compiler tools, interacting with other users, interacting with Internet hosts, text processing systems, makefiles, and shell scripting.
- 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: Fall, Spring, Summer
 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.
- 322 Web Programming**.....3 cr
Prereq: CSCI 220 or consent of instructor. Freq: Spring.
 Dynamic HTML; the Document Object Model; client/server models, Javascript, Java, Perl and the Common Gateway Interface; emerging markup languages: XML, XHTML, SMIL; Scalable Vector Graphics; elements of e-commerce; authentication, security, and privacy issues. Two-hour lecture, two-hour lab.
- 331 Computational Models**3 cr
Prereq: CSCI/MATH 231. Freq: Fall.
 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: CSCI 242 and 331. 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.
- 335 Functional Programming**2 cr
Prereq: CSCI 333. Freq: Occasionally.
 The functional programming paradigm; data structures, primitive functions, functional forms, and evaluation; major functional programming languages (Common LISP, Scheme, etc.); recursion; scope rules; functions as data; storage management; symbol processing; and object-oriented extensions.
- 340 Data Structures and Algorithm Design**3 cr
Prereq: CSCI 242 and MATH 309 or concurrent registration. 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 Assembly Language Programming and Computer Architecture**4 cr
Prereq: ENGR 250. Freq: Spring.
 Organization of computers, the role of performance; processor design and microcode; symbolic coding; assembly systems; assembly language: instructions and addressing modes, instruction set design, traps and interrupts; architecture: performance consideration, pipelining, and memory hierarchies.
- 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 as MATH 368.)
- 370 Distributed Systems**3 cr
Prereq: 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: 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. Laboratory work included.
- 380 Files and Databases**.....4 cr
Prereq: CSCI 242. Freq: Fall.
 Data storage, file organization, file access techniques including indexing and hashing. Data modeling and relational database concepts.
- 405 Artificial Intelligence (AI)**3 cr
Prereq: CSCI 333. Freq: Occasionally.
 Background on AI and AI techniques including search, game playing, and knowledge representation. Specific sub-disciplines of AI including natural language processing and robotics. Programming assignments in LISP.
- 409 Introduction to Human-Computer Interfaces**.....3 cr
Prereq: Any 300-level CSCI course and MATH 309. Freq: Occasionally.
 An introduction to 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).
- 420 Computer Graphics**3 cr
Prereq: CSCI 340. Freq: Occasionally.
 Graphics hardware and software, techniques for representation and visualization, two- and three-dimensional transformations, concepts and techniques of visual realism.
- 440 Compiler Design and Implementation**4 cr
Prereq: 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: 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.
- 467 Computability and Automata** 3 cr
Prereq: 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 as MATH 467.)
- 470 Operating System Implementation**3 cr
Prereq: CSCI 370. Freq: Occasionally.
 Operating system design including memory management, inter-process communication, protection, distributed systems, multiprocessor systems, network services, file systems, exception handling and system configuration.
- 475 Software Engineering Principles and Practice I**.....3 cr
Prereq: Any 300-level CSCI course or consent of instructor. Freq: Fall.
 Software design as an engineering discipline; project management, verification and validation, software engineering models, measurements, cost estimation, and formal methods.
- 476 Software Engineering Principles and Practice II**.....3 cr
Prereq: CSCI 475. Freq: Spring.
 Continuation of CSCI 475; further work on a significant team project; includes oral presentations and written documentation.
- 477 Computer Communications and Networks**3 cr
Prereq: CSCI 370. Freq: Occasionally.
 Transmission protocols, layered network protocols, network topology, message routing, performance analysis, security, and case studies.
- 480 Database Concepts**.....3 cr
Prereq: CSCI 380. Freq: Occasionally.
 The relational model; database design; SQL; non-relational database models; operational considerations; and distributed and object-oriented databases.
- 490 Special Topics in Computer Science**1-4 cr
Prereq: Consent of instructor. Freq: Occasionally.
 Advanced topics in computer science with applications.
- 493 Internship in Computer Science**1-2 cr
Prereq: Consent of instructor. 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: Fall, Spring.
 Computer ethics, the computing profession, current trends in information technology, career opportunities; oral presentations included.
- 499 Independent Study**1-3 cr
Prereq: Consent of instructor. Freq: Fall, Spring.
 Independent work on a specific problem in computer science under the supervision of faculty.

UW-PARKSIDE AND UW-MILWAUKEE CONSORTIAL GRADUATE PROGRAMS IN EDUCATION

Administrative Leadership

The University of Wisconsin-Parkside and the University of Wisconsin-Milwaukee collaborate to provide a sequence of courses that lead to a master of science in administrative leadership and/or certification as a school principal. All courses are taught on the UW-Parkside campus, making them accessible to residents of Racine and Kenosha counties. The program is designed to be completed in two years, although it can be extended beyond this period. The degree is awarded by UW-Milwaukee.

The Administrative Leadership Department at UW-Milwaukee, in cooperation with UW-Parkside, is committed to the development of educational leaders, particularly for service in urban metropolitan areas. We believe that excellent educational leaders nurture leadership among others in the school community; create positive work environments for staff, students and parents; and contribute to the improvement of teaching and learning. The collaborative program prepares principals who are change agents: leaders who are adept at using teams, who are able to diagnose current conditions, who understand how complex systems work, who are able to instill a shared vision, and who can create curriculum and instructional alternatives so students can attain high standards.

Admission

Admission is through UW-Milwaukee. Students are admitted as regular graduate students seeking a master's degree or as non-degree students seeking certification only.

Additional information and application materials may be obtained from:

Teacher Education Department - Greenquist Hall 218
UW-Parkside
900 Wood Road, P.O. Box 2000
Kenosha, WI 53141-2000
(262) 595-2100

Or, from UW-Milwaukee:

Administrative Leadership Department
UW-Milwaukee
PO Box 413, Enderis Hall 653
Milwaukee, WI 53201
(414) 229-4740
E-mail: admlead@soe.uwm.edu
Website: http://www.uwm.edu/Dept/Ad_Ldsp

Thirty-three credits are required for the master's degree.

UW-Milwaukee Courses

103-702	Educational Administration: Theory and Practice	3 cr
103-710	Organization Change & Group Leadership	3 cr
103-712	Supervising Instructional Personnel	3 cr
103-752	Legal Aspects of Educational Administration	3 cr
103-762	Introduction to School Finance and Budgeting	3 cr
103-772	Seminar in School Principalship	3 cr
103-782	Principalship Field Practicum	3 cr

UW-Parkside Courses

TEDU 701	Curriculum Planning	3 cr
TEDU 706	Political Contexts of Schooling	3 cr

Electives: 6 credits of related courses.

Cultural Foundations of Education

UW-Parkside and the Educational Policy and Community Studies Department at UW-Milwaukee offer a master's program for educators who wish to deepen their knowledge base in dealing with urban issues of educational policy and practice. The graduate study enhances participants' ability to analyze education in societal and community contexts as well as to analyze conflicting assumptions underlying crucial issues. The courses are taught by both UW-Parkside and UW-Milwaukee faculty.

A core of four courses provides sociological, historical, philosophical and research frames of reference. Students select educational foundations or multicultural education as an area of concentration, although probing the complexities and issues of cultural diversity is a goal of each area. Students are encouraged to develop and understand their own frameworks of values and theoretical perspectives as applied to the realities of urban education. A faculty adviser will assist the student through the program, balancing flexibility and structure according to professional needs.

Admission

Admission is through UW-Milwaukee. Applicants must meet all UW-Milwaukee graduate admission requirements as outlined in the graduate bulletin. Application materials may be obtained by calling UW-Parkside’s Center for Ethnic Studies, Molinaro Hall 367; (262) 595-2701. Or, from UW-Milwaukee’s Educational Policy and Community Studies Department, PO Box 413, Milwaukee, WI 53201; (414) 229-4323. Website: <http://www.uwm.edu/Dept/EPCS/CulFdSub.html>.

Along with their application, applicants must submit a written statement of educational and/or professional goals and two letters of recommendation from individuals who can testify to the applicant’s academic potential.

Credits and Courses

The program in Cultural Foundations of Education requires a minimum of 30 graduate credits, divided among the following: required core courses (12 credits); an area of concentration (minimum of 9 graduate credits) and electives. A minimum of 6 credits beyond the four core courses must be completed in courses numbered 700 and above.

Core Courses

The required core for all students consists of the following 12 credits:

UWM

EducPol 705	Sociology of Education	3 cr
EducPol 710	Research Methods in Cultural Foundations	3 cr
EducPol 740	Modern Philosophies of Education	3 cr
EducPol 750	History of American Education	3 cr

Each of these required courses has a set of major questions that guide the instructor and the students.

Other Subjects

Graduate courses in other curricular areas are offered from time to time in order to meet a particular need or interest on the part of potential students. Some of these students are elementary or secondary school teachers who wish to improve their knowledge

of the subject matter they are teaching. Other students are persons who need the knowledge for professional reasons or for personal interest. Students who hope to take these courses should check with the appropriate academic department to determine their frequency of offering. Students who intend to transfer any of these courses to another graduate institution should check with the receiving institution beforehand, in order to be sure that the course meets all requirements for transfer of credit.

701 Curriculum Planning.....3 cr

Prereq: None. Freq: Collaborative grid.
Concepts of elementary and secondary curriculum in modern American education. Foundation principles and major objectives.

702 Supervision of Instruction.....3 cr

Prereq: None. Freq: Collaborative grid.
School administrators and supervisors are provided with the skills and knowledge needed to improve instruction including leadership theories and styles, motivation, observation, evaluation and feedback.

703 Multicultural Education.....3 cr

Prereq: Human relations course or equivalent. Freq: Collaborative grid.
Examination of personal responses to sexism, racism and other forms of bias; a study of theories, behaviors, and training skills for multicultural education.

704 Contemporary Issues in Education3 cr

Prereq: None. Freq: Collaborative grid.
Identification of current educational issues and models for solving these problems.

705 Analysis of Instruction3 cr

Prereq: Educational psychology course. Freq: Collaborative grid.
The course will focus on the various facets of instructional design including information processing, sequencing of teaching and learning, and the effect of teaching styles.

706 Political Contexts of Schooling3 cr

Prereq: None. Freq: Collaborative grid.
Provides potential educational leaders and community people opportunity to examine the social, political, and environments which impact upon the educational enterprise.

CRIMINAL JUSTICE

Molinaro 362 • (262) 595-3416 • www.uwp.edu/academic/criminal.justice

Degree Offered:

Bachelor of Arts.

Professor:

Takata, Susan, Ph.D.

Associate Professor:

Ross, Lee, Ph.D. (Chair)

Assistant Professors:

Alan W. Clarke, J.D., LL.M.; Elechi, Oko, Ph.D.

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, domestic 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 justice-related issues.

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 passed CRMJ *101 Introduction to Criminal Justice with a grade of C or better and have an overall GPA of at least 2.25.

Requirements for Graduation from the Criminal Justice Major

This 39-credit major includes a core of 21 credits of criminal justice courses, a research methods course (3 credits), 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. GPA within the major upon graduation must be a minimum of 2.0.

A. Core Courses (21 credits)

CRMJ 101*	Introduction to Criminal Justice.	3 cr
CRMJ/		
SOCA 233	Criminology	3 cr
CRMJ/		
SOCA 234	Juvenile Delinquency/Juvenile Justice . . .	3 cr
CRMJ/		
SOCA 235	Police and Society	3 cr
CRMJ 316	Criminal Justice Procedures	3 cr
or		
POLS 351	Constitutional Law: Criminal Procedure.	3 cr
CRMJ/		
SOCA 363	Corrections	3 cr
CRMJ 380	Criminal Law	3 cr
Strongly recommended, but not required:		
POLS 100	American Politics	3 cr
SOCA 101	Introduction to Sociology	3 cr

B. Research Methods (3 credits)

CRMJ 200	Research Methods.	3 cr
Or equivalent methods/statistics course approved by the criminal justice adviser.		

C. Upper Level Electives (15 credits)

Students may satisfy this requirement by completing any five of the following courses:

CRMJ 305	Domestic Violence	3 cr
CRMJ 325	Restorative Justice.	3 cr
CRMJ 335	Liability Issues in Criminal Justice	3 cr
CRMJ 345	White Collar Crime	3 cr
CRMJ/		
SOCA 352	Law and Social Change.	3 cr
CRMJ 355	Forensic Evidence	3 cr
CRMJ/		
SOCA 365	Race, Crime and Law	3 cr
CRMJ/		
SOCA 368	Victimology	3 cr
CRMJ 375	Criminal Court Process	3 cr
CRMJ 290	Special Topics (** General Elective) . . .	3 cr
CRMJ 490	Special Topics	3 cr
CRMJ 494	Criminal Justice Internship	3 or 6 cr
CRMJ 499	Independent Study	1-4 cr
PHIL 320	Value Theory: Punishment	3 cr
PHIL 328	Ethics in the Criminal Justice System . .	3 cr
POLS 310	Constitutional Law: Civil Liberties. . . .	3 cr
POLS 315	Diversity Law: Tribal Nations	3 cr
POLS 316	Diversity Law: African Americans.	3 cr

UNDERGRADUATE PROGRAMS

POLS 320	Constitutional Law: The Structure of Government.	3 cr
SOCA 310	Forensic Anthropology	3 cr
SOCA 359	Sociology of Law	3 cr

* General education requirement course/BOK

** General elective, not upper-division elective

Requirements for the Criminal Justice Minor

The minor in criminal justice consists of a minimum of 24-26 credits, distributed as follows:

Required Courses (12 credits)

CRMJ 101*	Introduction to Criminal Justice.	3 cr
and 9 credits from the following courses:		
CRMJ/ SOCA 233	Criminology	3 cr
CRMJ/ SOCA 234	Juvenile Delinquency/Juvenile Justice . . .	3 cr
CRMJ/ SOCA 235	Police and Society	3 cr
CRMJ 316	Criminal Justice procedures	3 cr
or		
POLS 351	Constitutional Law: Criminal Procedure.	3 cr
CRMJ/ SOCA 363	Corrections	3 cr
CRMJ 380	Criminal Law	3 cr

Upper Level Electives (9 credits)

CRMJ 305	Domestic Violence	3 cr
CRMJ 325	Restorative Justice	3 cr
CRMJ 335	Liability Issues in Criminal Justice	3 cr
CRMJ 345	White Collar Crime	3 cr
CRMJ/ SOCA 352	Law and Social Change.	3 cr
CRMJ 355	Forensic Evidence	3 cr
CRMJ/ SOCA 365	Race, Crime and Law	3 cr
CRMJ/ SOCA 368	Victimology	3 cr
CRMJ 375	Criminal Court Process	3 cr
CRMJ 0290	Special Topics (** General Elective) . . .	3 cr
CRMJ 490	Special Topics	3 cr
CRMJ 494	Criminal Justice Internship	3 or 6 cr
CRMJ 499	Independent Study	1-4 cr
PHIL 320	Value Theory: Punishment	3 cr
PHIL 328	Ethics in the Criminal Justice System . .	3 cr
POLS 310	Constitutional Law: Civil Liberties. . . .	3 cr
POLS 315	Diversity Law: Tribal Nations	3 cr
POLS 316	Diversity Law: African Americans	
POLS 320	Constitutional Law: The Structure of Government.	3 cr
SOCA 310	Forensic Anthropology	3 cr
SOCA 359	Sociology of Law	3 cr

* General education requirement course/BOK

** General elective, not upper-division elective

Research Methods/Statistics (3-5 credits)

CRMJ 200 Research Methods. 3 cr

Or equivalent methods/statistics course approved by the criminal justice adviser.

Courses in Criminal Justice (CRMJ)

101 Introduction to Criminal Justice 3 cr

Prereq: None. Freq: Fall, Spring, Summer.

A study of the agencies and processes involved in the criminal justice system—the police, the prosecutor, the public defender, the courts, and corrections. An analysis of the roles and problems of criminal justice agencies in a democratic society, with an emphasis upon intercomponent relations and checks and balances.

200 Criminal Justice Research Methods 3 cr

Prereq: CRMJ 101 or POLS 100. Freq: Fall, Spring, Summer.

Methods, philosophy and sources of criminal justice research. Required for the major and minor in criminal justice.

233 Criminology 3 cr

Prereq: CRMJ 101 or SOCA 100 or 101 or consent of instructor.

Freq: Yearly.

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 as SOCA 233.)

234 Juvenile Delinquency/Juvenile Justice 3 cr

Prereq: CRMJ 101 or SOCA 100 or 101 or consent of instructor.

Freq: Yearly.

Conceptions of juvenile delinquency; the juvenile offender in the juvenile justice system; the philosophy, structure and function of juvenile courts; philosophy, development, and organization of diversion, detention and treatment of the juvenile offender. (Cross listed as SOCA 234.)

235 Police and Society 3 cr

Prereq: CRMJ 101 or SOCA 100 or 101 or consent of instructor.

Freq: Yearly.

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 as 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-division elective.)

305 Domestic Violence 3 cr

Prereq: CRMJ 101 or consent of instructor. Freq: Occasionally.

Examination of the criminal justice response to domestic violence, which includes child abuse, spousal abuse, elder abuse, date rape, and others. Students are expected to broaden their knowledge of the prevalence and extent of domestic violence and to explore strategies for treatment and prevention.

- 316 Criminal Justice Procedures**3 cr
Prereq: CRMJ 101 or SOCA 100 or 101 or consent of instructor.
Freq: 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. (Note: Students are also free to take POLS 351 Constitutional Law: Criminal Procedure to satisfy this requirement.)
- 325 Restorative Justice**3 cr
Prereq: CRMJ 101 or SOCA 100* or 101* or consent of instructor. Freq: Spring.*
 This course examines the basic principles of restorative justice and its variants, such as transformative justice, peace-making 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 will also be explored and examined.
- 335 Liability Issues in Criminal Justice**3 cr
Prereq: CRMJ 101 or SOCA 100* or 101* or consent of instructor. Freq: Spring*
 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.
- 345 White Collar Crime**3 cr
Prereq: CRMJ 101 or SOCA 100* or 101* or consent of instructor. Freq: Spring*
 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, will be reviewed.
- 352 Law and Social Change**3 cr
Prereq: CRMJ 101 or 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 as SOCA 352.)
- 355 Forensic Evidence**3 cr
Prereq: CRMJ 101 or SOCA 100* or 101* or consent of instructor. Freq: Yearly*
 This course covers a variety of issues in forensic evidence including the types of scientific evidence frequently encountered in the courts. Particular emphasis on scientific evidence in criminal court proceedings and a few selected cases involving introduction of scientific evidence in the courts, will be reviewed.
- 363 Corrections**3 cr
Prereq: CRMJ 101 or SOCA 100 or 101 or consent of instructor. Freq: Yearly.
 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 as SOCA 363.)
- 365 Race, Crime and Law**3 cr
Prereq: CRMJ 101 or SOCA 100* or 101* , jr standing.*
Freq: annually
 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 as SOCA 365.)
- 368 Victimology**3 cr
Prereq: CRMJ 101, or SOCA 100 or 101 or consent of instructor. Freq: Yearly.
 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 as SOCA 368.)
- 375 Criminal Court Process**3 cr
Prereq: CRMJ 101 or SOCA 100* or 101* or consent of instructor. Freq: Yearly*
 This course will cover the criminal court process from the formal charging of criminal cases through sentencing. It will involve an examination of the manner in which cases move through the criminal court system and also analyze the roles of the various participants in the criminal court process, as well as the political, social and ethical dilemmas they face as individuals and as part of the criminal court process.
- 380 Criminal Law**3 cr
Prereq: CRMJ 101 and POLS 200 or equivalent. Freq: Yearly.
 An analysis of substantive criminal law. Included are elements of crime; crimes against person, property and public morality; complicity; and inchoate crime.
- 490 Special Topics in Criminal Justice**3 cr
Prereq: CRMJ 101 and junior standing, or consent of instructor. Freq: Occasionally.
 Selected topics in criminal justice are offered and the content varies from semester to semester.
- 494 Criminal Justice Internship***3 -6 cr
Prereq: CRMJ 101 or POLS 100, junior standing, criminal justice major or minor. Freq: Fall, Spring, Summer.
 Students are required to fulfill a minimum of 104 hours in the field as part of the internship. Potential host agencies include police agencies, correctional and judicial placements, residential treatment facilities and a host of local, state and federal law enforcement placements.
- 499 Independent Study**1-4 cr
Prereq: Criminal justice major; junior standing, overall GPA of 2.75 or 3.0 within the major, and consent of instructor. Freq: Fall, Spring, Summer.
 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.

* Only 3 credits of the 6 credits can be used to fulfill criminal justice upper-division elective credit.

ECONOMICS

Molinaro 367 • (262) 595-2316 • www.uwp.edu/academic/economics

Degree Offered:

Bachelor of Arts.

Professors:

Cloutier, Ph.D.

Associate Professors:

Kaufman, Ph.D.; Khan, Ph.D. (Chair); Rosenberg, 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.

Department Overview

Economics is the study of rational choice among competing uses of scarce resources in light of social values and needs. One of the principal reasons to study economics is that it develops methods of thinking and analysis that can be directly applied to different problems in many contexts and areas of study. The undergraduate economics program is designed to provide students an opportunity to learn principles and methods of economics and their applications. All students are required to take basic core courses. In addition, the department offers a wide range of elective courses to offer students choices in meeting the elective requirements.

The general option is recommended for students who seek a broad experience in economics and do not expect to study economics in graduate school. The quantitative concentration is strongly recommended for students who expect to study economics in graduate school or who seek a career using quantitative methods.

Preparation for Graduate School

The economics program provides an excellent background for graduate work in business, law, or the social sciences. The quantitative concentration within the economics major is designed for students who expect to study economics or related fields in graduate school.

Internships

The internship in economics is a 1-3 credit learning experience in either the private or public sector for students with a 2.50 cumulative GPA and with department approval.

Requirements for the Economics Major

Students who major in economics must attain a minimum cumulative GPA of 2.25 in the major. Transfer students who major in economics must attain a minimum cumulative GPA of 2.25 in courses taken at UW-Parkside for the major as well as in combination with those transfer courses that have been applied toward major requirements. Courses in introductory accounting and computer skills are recommended.

Required Core Courses (15 credits)

The following courses, or their equivalents, are required of all students:

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

Transfer students who major in economics must earn at least 3 credits in intermediate theory (ECON 320, 321 or 412) at UW-Parkside.

Option/Concentration in the Major (18-25 credits)

General Option

This option is recommended for students who seek a broad experience in economics and do not expect to study economics in graduate school. It consists of 33 credits to be completed as follows:

- A. Required core courses as reflected above (15 credits).
- B. Electives: A minimum of 18 credits in economics, including at least 12 credits in upper-level (300 and 400 level) courses.

Quantitative Concentration

This concentration is strongly recommended for students who expect to study economics in graduate school or seek a career using quantitative methods. It consists of 40 credits to be completed as follows:

- A. Required core courses as reflected above (15 credits).
- B. Additional required courses:

MATH 221	Calculus and Analytic Geometry I	5 cr
MATH 222	Calculus and Analytic Geometry II	5 cr
ECON 409	Introduction to Econometrics	3 cr
ECON 412	Managerial Economics	3 cr

C. Electives:

A minimum of 9 credits in economics, including at least 6 credits in upper-level (300 and 400 level) courses.

Comment: It is recommended that students do additional work in mathematics. Consult your economics adviser regarding recommended courses.

Requirements for the Economics Minor

Students who minor in economics must attain a minimum cumulative GPA of 2.25 in economics courses. Transfer students who minor in economics must attain a minimum cumulative GPA of 2.25 in economics courses taken at UW-Parkside as well as in combination with those transfer courses that have been accepted toward minor requirements. The minor consists of 18 credits to be completed as follows:

A. Required courses (9 credits):

ECON 120 Principles of Microeconomics 3 cr
ECON 121 Principles of Macroeconomics 3 cr

One of the following theory courses:

ECON 320 Intermediate Micro Theory 3 cr
ECON 321 Intermediate Macro Theory 3 cr

B. Electives:

A minimum of 9 credits in economics including at least 6 credits in upper-level (300 and 400 level) courses.

Teacher Licensure

Students seeking teacher licensure in the economics major or minor must fulfill Wisconsin Department of Public Instruction requirements; therefore their course requirements may differ from those of the non-teaching major and minor.

Information about the teacher education program and additional requirements for licensure can be obtained from the teacher education adviser at (262) 595-2100 or the chair of the economics department.

Courses in Economics (ECON)

- 101 The American Economy3 cr
Prereq: None. Freq: Fall, Spring.
A one-semester terminal course for students not intending to major in economics or business management. A study of the economic system, emphasizing problems and policy. Not open to students with credit in ECON 120 or 121.
- 120 Principles of Microeconomics3 cr
Prereq: Computational skills required. Freq: Fall, Spring, Summer.
Consumer behavior and market demand, theory of the firm, competitive and imperfectly competitive product markets, and related contemporary economic policy issues.
- 121 Principles of Macroeconomics.....3 cr
Prereq: Computational skills required. Freq: Fall, Spring, Summer.
National income, unemployment, inflation, economic growth, and the monetary system. Students who elect an economics or business major after taking ECON 101 may substitute it for ECON 121.

- 260 Industrial Organization and Public Policy3 cr
Prereq: An intro course in economics. Freq: Occasionally.
Patterns of market structure and business conduct are identified. Policies regarding collusive behavior and monopolization are discussed. Current regulatory issues are examined.
- 280 Comparative Economic Systems3 cr
Prereq: An intro course in economics. Freq: Occasionally.
Analysis of present-day functioning of different economic systems of economically advanced nations; comparison of principles of operations, and of social conditions and objectives where relevant.
- 290 Special Topics in Economics1-3 cr
Prereq: An intro course in economics or consent of instructor. Freq: Occasionally.
Examination of issues, problems and events of current interest. Subject matter varies. May be repeated with different topic.
- 300 Environmental Economics3 cr
Prereq: ECON 120. Freq: Every third semester.
Examines the relationships between economic behavior and environmental quality and analyzes environmental policies in terms of social benefits and costs, incentives and efficiency.
- 304 Economics of Urban Problems.....3 cr
Prereq: ECON 101 or 120. Freq: Occasionally.
Economic analysis of selected urban problems including housing, urban renewal, transportation, pollution, poverty, crime, and the financing of urban services.
- 305 Economics of Sports3 cr
Prereq: An intro course in economics or consent of instructor. Freq: Alternate Falls.
Economic issues in professional sports: labor relations, player salaries, ticket prices, franchise values, competitive balance, stadium financing, and market structure. (Cross listed as HPEA 305.)
- 308 Economic Development.....3 cr
Prereq: ECON 120, 121. Freq: Every third semester.
Characteristics of underdeveloped areas; the main determinants of economic development; strategies for promoting economic development.
- 310 International Trade3 cr
Prereq: ECON 120. Freq: Every third semester.
Theories of international trade and their evolution. Government policy towards international trade. International trading arrangements and institutions. Major current problems and conflicts in international trade.
- 311 International Finance3 cr
Prereq: ECON 121. Freq: Every third semester.
Foreign exchange markets, international monetary arrangements and investments, theories of balance of payments and exchange rates; open economy macroeconomics.
- 320 Intermediate Micro Theory3 cr
Prereq: ECON 120, 121. Freq: Fall.
Contemporary theory of production, pricing, consumption, and income distribution.

- 321 Intermediate Macro Theory**.....3 cr
Prereq: ECON 120, 121. Freq: Spring.
 Theory of national income distribution, income and employment theory, analysis of saving, investment and consumption.
- 325 American Economic History**.....3 cr
Prereq: ECON 101 or 120, or consent of instructor.
Freq: Occasionally.
 Growth of the American economy from colonial times to the present. (Cross listed as HIST 325.)
- 330 The Economics of Gender**.....3 cr
Prereq: ECON 101 or 120. Freq: Occasionally.
 Feminist approaches to economic theory, intra-household decision making, gender differentials in the labor market, and women in the global economy.
- 366 Money and Banking**.....3 cr
Prereq: ECON 120, 121. Freq: Every third semester.
 Role of money; money production; operation of central and commercial banks; monetary economics; monetary policy; and international monetary system.
- 367 Financial Institutions and Markets**.....3 cr
Prereq: ECON 120, 121. Freq: Occasionally.
 Financial institutions; money and capital markets; sources and uses of funds; and determination of market yields.
- 380 The Labor Market**.....3 cr
Prereq: ECON 120. Freq: Occasionally.
 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, collective choice, benefit-cost analysis and taxation; analyzes tax and expenditure policies and mechanisms to remedy market failures.
- 409 Introduction to Econometrics**.....3 cr
Prereq: ECON 120, 121, a statistics course. Freq: Occasionally.
 Basic theory and application of standard econometric techniques to economic issues. Topics covered: bivariate regression; multiple regression; problems of autocorrelation, multicollinearity, and heteroscedasticity; dummy variables; and forecasting.
- 412 Managerial Economics**.....3 cr
Prereq: ECON 120, 121, a statistics course and a calculus course. Freq: Occasionally.
 Microeconomic theory with emphasis on the making of business decisions; optimizing techniques, demand, production and cost theory; market structure; and pricing.
- 490 Special Topics in Economics**.....3 cr
Prereq: Consent of instructor. Freq: Occasionally.
 Selected topics in economics will be examined.
- 492 Research Experience in Economics**.....1-3 cr
Prereq: Senior standing, 3.00 GPA, economics major with 21 ECON credits, consent of instructor. Freq: Spring, Summer, Fall.
 A supervised learning experience assisting in faculty research. No more than 3 credits may be applied toward economics major.

- 494 Economics Internship**.....1-3 cr
Prereq: 2.5 GPA, consent of instructor, department chair.
Freq: Spring, Summer, Fall.
 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: Occasionally.
 Available to qualified students under supervision of individual instructor. Topics must be mutually agreed upon by student and professor.

Graduate Courses

- 761 Foundations of Economics**.....2 cr
Prereq: None. Freq: Spring.
 An introduction to economic theory emphasizing the techniques of economic analysis. The presentation of both price theory and aggregate economic analysis; includes illustrations of ways in which economic concepts are used to improve the quality of managerial decisions. Topics covered include the theory of demand and theory of the firm, operation of markets, determinants of aggregate output, monetary and fiscal policy, international trade and investment.
- 762 Managerial Economics**.....3 cr
Prereq: ECON 761 and MBA 712. Freq: Occasionally.
 Review and application of the analytical tools of economics used to solve business problems. Mathematical and statistical concepts will be reviewed and applied to problems of demand, production, cost and pricing. Students will be required to complete a term project in which the collection and analysis of economic data will be used to solve a business problem.
- 764 International Trade and Finance**.....2 cr
Prereq: ECON 761. Freq: Occasionally.
 An examination of topics in international trade and finance. Theories of international trade, trade policy, balance of payment accounts, foreign exchange markets, and theories of exchange rates.
- 767 Money, Financial Institutions and Markets**.....3 cr
Prereq: ECON 761. Freq: Occasionally.
 A review of monetary and banking operations, monetary theory and policy, the impact of macro-policy on business decisions, level and structure of interest rates, behavior and performance of financial markets and non-bank financial institutions.

ENGINEERING

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Degree Offered:

The Engineering Department administers approximately the first two years of many engineering degree programs in conjunction with other regional four-year universities. Transfer through consor- tial agreements is required to earn the bachelor of science degree. The Engineering Department, in cooperation with the Computer Science Department, also administers the computer engineering concentration in the computer science major (CS/CE).

Professors:

Feldt, Ph.D. (Chair); Perdikaris, Ph.D.

Associate Professor:

Stevenson, M.B.A.

Professional Accreditations or Memberships:

Consortial programs are accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology (EAC/ABET).

Student Organizations/Clubs:

Engineering Club (affiliated with American Society of Mechanical Engineers and Institute of Electrical and Electronic Engineers).

Career Possibilities:

Computer engineer, electrical engineer, mechanical engineer, civil engineer, chemical engineer, materials engineer, design engineer, development engineer, project engineer.

Consortial Programs in Engineering

UW-Parkside has transfer agreements with other institutions that enable students to begin their studies in engineering at UW-Parkside and transfer to the other institution in order to complete a bachelor's degree in engineering. The most comprehensive agreement is with UW-Milwaukee. In addition, other agreements exist with UW-Madison, UW-Platteville, the Milwaukee School of Engineering, and Marquette University. Details are available from the department office.

UW-Milwaukee currently offers engineering programs in the following fields: civil engineering, electrical engineering, industrial engineering, materials engineering and mechanical engineering. These programs are accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology (EAC/ABET). The most current information concerning consortial programs is available in the department office.

The length of residence at UW-Parkside will be determined by the student's level of preparedness and his or her chosen semester course load. Full-time students can expect to spend two to three

years at each campus. Well-prepared students willing to take a heavy course load can receive their bachelor's degree in four years.

As the program evolves, it is anticipated that additional courses will be offered at UW-Parkside. Engineering courses at the 300 and 400 levels are offered occasionally, depending on interest.

Admission to the Pre-Engineering Phase of the Program

Students interested in the consortial program should apply for admission to UW-Parkside and should file a declaration of major form indicating pre-engineering. The declaration is an important step that will result in the student being assigned to an adviser knowledgeable about the consortial program. Students should discuss degree completion options with their adviser. Furthermore, the student may be required to satisfy the major requirements and general education requirements at the degree-granting institution that were in effect at the time of the declaration.

Admission to the Professional Engineering Program at Consortial Institutions

Pre-engineering students at UW-Parkside will generally be treated the same as pre-engineering students at UW-Milwaukee or at other schools. Various academic departments establish minimum GPAs for admission to engineering programs. Consult the Engineering Department office for the most recent requirements.

Suggested Course Sequence for UW-Milwaukee Degrees

The following sample course schedule assumes that a student is particularly well prepared through high school work and that he or she is willing and capable of carrying a heavy academic load. It is unlikely that such a student could simultaneously hold significant outside employment. In order to qualify for the schedule shown, students must place into MATH 221, CHEM 101 and ENGL 101 through the UW-Parkside placement tests. Students not placing at this level may find that shifting certain courses to different semesters may be more efficient.

Certain courses vary by UW-Milwaukee major. Consult the notes that follow the schedule. Since requirements may change, students should consult their advisers frequently. Engineering courses at UW-Parkside are offered by the Engineering Department (course prefix ENGR):

First Year Fall

MATH 221	Calculus and Analytic Geometry I	5 cr
CHEM 101	General Chemistry I	5 cr
PHYS 201	General Physics I	5 cr
ENGL 101	Composition and Reading	3 cr
Total	. . . . .	18 cr

First Year Spring

MATH 222	Calculus and Analytic Geometry II . . .	5 cr
CHEM 102	General Chemistry II	5 cr
PHYS 202	General Physics II	5 cr
(UWM English req. or equivalent)*	. . . . .	3 cr
Total	. . . . .	18 cr

Second Year Fall

ENGR 102 (2)	Computational Tools In Engineering . .	1 cr
MATH 317	Differential Equations and their Applications	4 cr
CSCI 241 (1)	Computer Science I	4 cr
ENGR 201	Statics	3 cr
ENGR 231	Basic Electrical Science	3 cr
ENGR 100 (6)	Engineering Design Graphics	3 cr
Total	. . . . .	18 cr

Second Year Spring

ENGR 202 (3)	Dynamics	3 cr
ENGR 212	Introduction to Materials Science	4 cr
	Gen Ed.	3 cr
ENGR 211 (4)	Mechanics of Materials	4 cr
ENGR 210 (5)	Intro Engineering Design Methods . . .	3 cr
Total	. . . . .	17 cr

Notes:

- * consult advisor
- (1) Technical elective for CE.
- (2) ME only.
- (3) Except MatE. Substitute Gen. Ed.
- (4) Except EE. Substitute ENGR 250.
- (5) Except EE. Substitute ENGR 350.
Technical elective for MatE.
- (6) Except EE. Substitute Gen. Ed.
Technical elective for MatE.

Legend:

CSCI =	Computer Science course at UW-Parkside.
PHYS =	Physics course at UW-Parkside.
CHEM =	Chemistry course at UW-Parkside.
ENGL =	English course at UW-Parkside.
ENGR =	Engineering course at UW-Parkside.
Gen Ed =	UW-Parkside course meeting general education requirement at UW-Milwaukee. Check with the department office for the list of appropriate UW-Parkside courses.
CE =	Civil engineering program at UW-Milwaukee.
EE =	Electrical engineering program at UW-Milwaukee.
IE =	Industrial engineering program at UW-Milwaukee.

MatE = Materials engineering program at UW-Milwaukee.

ME = Mechanical engineering program at UW-Milwaukee.

Many students have less preparation than implied in this schedule above. These students may remain at UW-Parkside for a longer period and take more general education courses. In addition to the courses listed above, the following courses offered at UW-Parkside can be transferred to UW-Milwaukee (and many to other engineering schools).

ENGR 213	Thermodynamics	3 cr
ENGR 235	Electronics	4 cr
ENGR 302	Electricity and Magnetism	4 cr
ENGR 322	Mechanics of Machinery	4 cr
ENGR 326	Control Systems	3 cr
ENGR 328	Discrete-Time Systems Analysis	3 cr
ENGR 350	Microprocessors and Microcomputers .	4 cr
ENGR 360	Economic Analysis for Engineers	3 cr
ENGR 365	Numerical Methods	3 cr
ENGR 370	Computer-Aided Engineering	2 cr
ENGR 467	Engineering Statistics	3 cr

Note that some courses, particularly general education courses, will be available in the UW-Parkside summer session.

General Education Requirement

Students in the consortial program must meet the general education requirements of the College of Engineering and Applied Science (CEAS) at UW-Milwaukee (or other engineering schools, as appropriate) and not the UW-Parkside general university requirements.

Many of the general education courses at UW-Milwaukee (and other schools) have equivalencies at UW-Parkside. Consult the Engineering Department office for an up-to-date listing of these courses.

English Proficiency Examination

UW-Milwaukee requires that students pass a junior-level English proficiency examination. This examination may be taken at UW-Parkside. Consult the Engineering Department office for further information.

Computer Engineering

The computer engineering concentration in the computer science major (CS/CE) has a strong foundation in the physical sciences and is closely associated with the electrical and computer sciences. The computer engineering concentration offers students the opportunity to integrate computer hardware, computer software and modern mathematical methods for solving problems in a variety of industrial environments.

Requirements for the Major in Computer Science/Computer Engineering Concentration

1. Completion of CS/CE major requirements.
2. Attainment of a minimum UW-Parkside cumulative GPA of 2.50 in all courses eligible to meet the student's CS/CE major requirements.

Computer Science: Computer Engineering Concentration (CS/CE)

A. Math (18 Credits)

MATH 221	Calculus and Analytic Geometry I	5 cr
MATH 222	Calculus and Analytic Geometry II . . .	5 cr
MATH 317	Differential Equations and their Applications	4 cr
MATH 309	Probability and Statistics.	4 cr

B. Physics (10 Credits)

PHYS 201	General Physics I	5 cr
PHYS 202	General Physics II.	5 cr

C. English (3 Credits)

ENGL 202	Technical Writing	3 cr
or		
ENGL 204	Writing for Business and Industry	3 cr

D. Computer Science (24-28 Credits)

CSCI 231	Discrete Math.	3 cr
CSCI 241	Computer Science I	4 cr
CSCI 242	Computer Science II.	4 cr
CSCI 333	Programming Languages.	3 cr
or		
CSCI 380	Files and Databases*	4 cr
CSCI 340	Data Structures and Algorithm Design. 3 cr	
CSCI 355	Assembly Language and Computer Architecture.	4 cr
CSCI 370	Distributed Systems	3 cr

* Requires CSCI 331

E. Engineering (18 Credits)

ENGR 231	Basic Electrical Science	3 cr
ENGR 250	Digital Logic and Computer Organization	4 cr
ENGR 328	Discrete-Time Systems Analysis	3 cr
ENGR 350	Microprocessors and Microcomputers . 4 cr	
ENGR 450	Real-Time Computer Applications	4 cr

F. Three from the following (9-10 Credits) *with adviser's approval*

ENGR 326	Control Systems	3 cr
ENGR 365	Numerical Methods	3 cr
ENGR 426	Digital Computer Control	3 cr
ENGR 455	Computer Architecture.	3 cr
CSCI 405	Artificial Intelligence.	3 cr
CSCI 409	Introduction to Human-Computer Interfaces	3 cr
CSCI 420	Computer Graphics	3 cr

CSCI 440	Compiler Design and Implementation . .	4 cr
CSCI 444	Event Driven Programming	3 cr
CSCI 470	Operating System Implementation	3 cr
CSCI 475	Software Engineering Principles and Practice I	3 cr
CSCI 477	Computer Communications and Networks	3 cr
CSCI 480	Advanced Databases	3 cr
Total	. . . . .	82-87 cr

Course Restrictions

CSCI courses are generally not available for audit. Those CSCI courses numbered above 242 are open only to students with a UW-Parkside cumulative GPA of 2.50 in courses eligible to satisfy computer science major requirements, not including computer science breath courses.

Disruption of Studies

Normally, students must meet the major requirements in effect at the time they declare a major; however, students majoring in CS/CE 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 CSCI course for four consecutive semesters will be subject to the major requirements in effect upon their next registration for a CSCI course.

Substitutions

Requests for course substitutions to meet CS/CE major requirements require the approval of both the computer science faculty and the engineering 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 CS/CE major must also attain a minimum cumulative GPA of 2.50 in all course work required, including transfer credits.

Certificate in Digital Control Systems

The Engineering Department offers a certificate in digital control systems. The certificate may be taken independently or with the computer science major. Courses cover computer hardware, software, mathematical tools and methods necessary for designing, simulating, and implementing real-time systems in general, and computer-controlled systems in particular.

Certificate in Digital Control Systems - Required Courses

ENGR 328	Discrete-Time Systems Analysis	3 cr
ENGR 350	Microprocessors and Microcomputers . 4 cr	
ENGR 426	Digital Computer Control	3 cr
ENGR 450	Real-Time Computer Applications	4 cr

Students not meeting course prerequisites should consult the instructor.

Courses in Engineering (ENGR)

- 100 Engineering Design Graphics**.....3 cr
Prereq: None. Freq: Fall, Spring.
 Principles and practices in engineering graphics. Introduction to elementary design concepts and application of engineering graphics in the design process. Introduction to computer graphics. Design projects.
- 102 Computational Tools for Engineers**1 cr
Prereq: None. Freq: Fall.
 Introduction to the use of spreadsheets and equation solving software. Basic engineering and financial applications using these tools.
- 201 Statics**3 cr
Prereq: PHYS 201 and MATH 221. Freq: Fall.
 Force systems on particles and rigid bodies, equilibrium, structures, bending moment and shear force diagrams, moments of inertia, centers of gravity.
- 202 Dynamics**.....3 cr
Prereq: MATH 222 and ENGR 201. Freq: Spring.
 Kinematics of particles and rigid bodies, impulse and momentum, work and energy, kinetics of particles and rigid bodies, rotating coordinate systems.
- 210 Introduction to Engineering Design Methods**3 cr
Prereq: Sophomore standing. Freq: Fall.
 Introduction to methods of engineering design through problem identification, creative synthesis, system modeling and analysis, testing and refinement, project management, technical communication, and outcome evaluation. Students complete a design project.
- 211 Mechanics of Materials**4 cr
Prereq: ENGR 201. Freq: Spring.
 Stress and strain, torsion, bending of beams, shearing stress, principal stresses, deflection of beams, statically indeterminate members, column buckling, energy methods, combined stresses, and introduction to fatigue. Laboratory work included.
- 212 Introduction to Materials Science**4 cr
Prereq: PHYS 201 and CHEM 101. Freq: Spring.
 Basic structure and resulting properties, phase equilibria, metastability, rate and growth processes in solids.
- 213 Thermodynamics**3 cr
Prereq: PHYS 201 and MATH 222. Freq: Fall.
 Thermodynamics of gases, vapors, and gas vapor mixtures; power and reversed cycles; first and second laws of thermodynamics; heat power machines. Three-hour lecture. (Cross listed as PHYS 213.)
- 231 Basic Electrical Science**3 cr
Prereq: PHYS 202, MATH 317 or concurrent registration or consent of instructor. Freq: Fall.
 Properties of circuit elements, Kirchoff's laws, network theorems, transients in RL and RC networks; frequency domain steady state analysis; phasor concepts; power and energy; resonance; filters; polyphase circuits, introduction to computer aided analysis, transients in R-L-C networks. Laboratory work included.
- 235 Electronics**4 cr
Prereq: ENGR 231 or consent of instructor. Freq: Occasionally.
 Electrical conduction in semiconductor devices, junction diodes, bipolar junction transistors, MOS field effect transistors, transistor biasing, transistor models, single and multistage amplifiers, oscillators, frequency response, introduction to operational amplifiers. Three-hour lecture, two-hour lab. (Cross listed as PHYS 235.)
- 250 Digital Logic and Computer Organization**4 cr
Prereq: CSCI 241. Freq: Fall, Spring.
 Logical functions and Boolean algebra, analysis and design of combinatorial logic and sequential logic systems, register transfer and data paths, computer organization and peripheral devices. Computer simulation and laboratory work included. Three-hour lecture, two-hour lab.
- 290 Special Topics in Engineering**.....1-3 cr
Prereq: Consent of instructor. Freq: Occasionally.
 Selected topics in engineering 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/discussion. (Cross listed as PHYS 301.)
- 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, wave optics. Four-hour lecture/discussion. (Cross listed as PHYS 302.)
- 312 Fluid Mechanics**.....3 cr
Prereq: ENGR 213. Freq: Occasionally.
 Development and application of the laws of mechanics to fluid statics and dynamics, dimensional analysis, boundary layer flows, introduction to compressible flows, and application to fluid measurement, control, and turbomachinery. Laboratory work included.
- 322 Mechanics of Machinery**3 cr
Prereq: ENGR 202. Freq: Occasionally.
 Kinematic analysis by graphical and analytical methods of linkages, cams and gears. Solution for displacements, velocities, accelerations, including static and inertia forces, critical speeds and balancing.
- 326 Control Systems**.....3 cr
Prereq: MATH 317 or consent of instructor. Freq: Alternate Fall.
 Introduction to control systems; time and frequency domain analysis; classical, transform, and state space methods; analysis and design of practical feedback control systems. Introduction to digital control. Computer-aided and lab work included.

- 328 Discrete-Time Systems Analysis**3 cr
Prereq: MATH 317 or consent of instructor. Freq: Alternate Fall.
 Continuous and discrete-time systems, difference equations, Z transforms, digital filters and signal processing, state space representation. Computer-aided and lab work included.
- 330 Materials and Processes in Manufacturing**3 cr
Prereq: ENGR 212. Freq: Occasionally.
 Principles and applications of major manufacturing processes with emphasis on underlying principles, engineering parameters and design considerations. Major processing groups include cutting, forming, casting, fabrication and non-traditional processes. Laboratory work included.
- 350 Microprocessors and Microcomputers**3 cr
Prereq: ENGR 250. Freq: Spring.
 Microprocessor registers and data manipulation, hardware, implementation of logic, input-output, instrumentation, hardware and software development. Laboratory work included.
- 360 Economic Analysis for Engineers**3 cr
Prereq: MATH 221 or consent of instructor. Freq: Spring.
 Economic analysis of engineering projects. Time value of money, asset replacement, investment decision criteria, rates of return. Decision-making models, sensitivity analysis, computer methods.
- 365 Numerical Methods**3 cr
Prereq: CSCI 241 and MATH 222. Freq: Occasionally.
 Basic concepts of numerical error, solution of nonlinear equations, algorithms in linear algebra, interpolation, approximation, numerical differentiation and quadrature, solution of ordinary differential equations.
- 370 Computer-Aided Engineering Laboratory**2 cr
Prereq: ENGR 100, 202, 210, 211, Math 317 and CSCI 241. Freq: Occasionally.
 Engineering design and analysis using current computer-aided design, kinematics, and finite element analysis tools.
- 411 Heat Transfer**3 cr
Prereq: ENGR 312 or concurrent registration. Freq: Occasionally.
 Basic concepts of heat transfer including convection, conduction, and radiation; steady state and transient conduction; laminar and turbulent convection; evaporation and condensation; black body and real surface radiation; heat exchangers.
- 412 Mechanical Vibrations**3 cr
Prereq: ENGR 202 and MATH 317. Freq: Occasionally.
 Kinematics of vibratory motion; general theory of free, forced, and transient vibrations; conservative and dissipative systems, vibration transmission and isolation; measuring instruments; coupled oscillations; normal modes and coordinates; Lagrange's equations.
- 425 Computer Simulation of Systems**3 cr
Prereq: ENGR 328 and 365. Freq: Occasionally.
 Simulation of discrete and continuous systems, methodology, mathematical and block diagram models, simulation languages, applications.
- 426 Digital Computer Control**3 cr
Prereq: ENGR 326 and 328 or consent of instructor. Freq: Occasionally.
 The computer control problem; direct digital and supervisory control; sampled data control systems; design and implementation of control algorithms; applications.
- 450 Real-Time Computer Applications**4 cr
Prereq: ENGR 250. Freq: Spring.
 I/O programming, A/D and D/A conversion; definition, specification, coding, testing, and maintenance of a software project; development, simulation implementation, and real-time execution of software prototypes; applications in data acquisition, signal processing and control. Laboratory work and design project included.
- 467 Statistics for Engineers** 3 cr
Prereq: MATH 222. Freq: Occasionally.
 Concepts and applications of statistics in engineering. Probability, statistics, data acquisition and verifications, distributions, parameter estimators, sampling, hypothesis testing, analysis of variance and introduction to process control and design of experiments.
- 490 Special Topics in Engineering**1-3 cr
Prereq: Consent of instructor. Freq: Occasionally.
 Discussion of recent and advanced special topics in engineering.
- 491 Senior Project**3 cr
Prereq: Consent of instructor. Freq: Fall, Spring.
 Practical solution of a technical problem similar to those in industry. Oral and final written reports are required.
- 493 Internship in Engineering**1-2 cr
Prereq: Consent of instructor. Freq: Fall, Spring
 Participation in the technical activities of an ongoing industrial organization under the joint guidance and supervision of an engineer from the organization and member of the faculty. Grading will be on a credit/no-credit basis. Maximum of 2 credits per semester and up to a total of 6 credits.
- 494 Cooperative Education**1-2 cr
Prereq: Junior standing and consent of instructor. Freq: Fall, Spring.
 Industrial work experience under faculty supervision which combines previous classroom learning with industrial practice to prepare students for careers in engineering. Maximum of 2 credits per semester and up to a total of 6 credits.
- 499 Independent Study**1-3 cr
Prereq: Consent of instructor and department chair. Freq: Fall, Spring.
 Independent work on a specific problem in engineering under the supervision of a faculty member. Maximum of 3 credits per semester up to a total of 6 credits.

ENGLISH

Communication Arts 235 • (262) 595-2139 • www.uwp.edu/academic/english

Degree Offered:

Bachelor of Arts.

Professors:

Canary, Ph.D.; Dean, Ph.D.; Kavenik, Ph.D.; Kummings, Ph.D.; Lindner, Ph.D.; McLean, Ph.D.; Vopat, Ph.D.

Associate Professors:

Graffin, Ph.D. (Chair); Saffioti-Hughes, Ph.D.

Assistant Professor:

Lenard, Ph.D. ; McRoy, Ph.D.

Senior Lecturers:

Christie, M.F.A.; Jagielnik, M.A.; King, M.A.; Logsdon, M.A.; McGuire, M. Phil.

Lecturers:

Glaub, M.A.; Karpowicz, M.A.; Miller, M.A.; Schroeder, M.A.; Tutlewski, M.A.

Visiting Assistant Professor:

Martínez, M.A.

Student Organizations/Clubs:

The department has an active English Club open to majors and other interested students, and 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, and 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 ful-

fills Wisconsin Department of Public Instruction requirements for teacher-training; it is also appropriate for students generally interested in linguistics and language study.

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 English literature and the various genres. 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 professor Saffioti-Hughes, senior lecturer Logsdon or the department chair 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: American History 101 and 102; British History 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

The English major consists of a minimum of 36 credits (for the standard and writing concentrations) or 42-45 credits (for the language arts concentration) in courses in English and related disciplines beyond the required freshman composition sequence and recommended Introduction to Literature course. 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 done in English courses at UW-Parkside. Unapproved portfolios

should 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
 - a) his or her assessment of the English major or
 - b) his or her assessment of his/her 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 or the department chair's office.

The Standard Major

The standard major in English is particularly recommended for students intending to go on to graduate study in literature.

One course from ENGL 216, 217 (British Lit.)	3 cr
Two courses from ENGL 226, 227, 237	6 cr
Literary Analysis (ENGL 266)	3 cr
One course in women's literature*	3 cr
One course in minority literature*	3 cr
Two advanced British literature courses, one of which is Shakespeare	6 cr
Two advanced American literature courses (300/400 level)	6 cr
One advanced modern/cultural literature course (300/400 level)	3 cr
Senior Seminar (ENGL 495)	3 cr
or	
Senior Thesis (ENGL 497)	3 cr
Total	36 cr

* One of the courses in women's literature or minority literature must be at the 300/400 level.

The Writing Concentration

The writing concentration in English is especially recommended for students planning to pursue careers or graduate work in writing.

One course from ENGL 216, 217 (British Lit.)	3 cr
Two courses from ENGL 226, 227, 237	6 cr
Advanced Composition (ENGL 201)	3 cr
One course in creative or professional writing (ENGL 202, 204, 206, 207, 402,403, 406, 407)	3 cr
Literary Analysis (ENGL 266)	3 cr
Advanced Expository Writing (ENGL 310)	3 cr
Two courses in advanced British, American or modern literature (300/400 level)	6 cr

One 300-400 level writing course, which might include a course from disciplines other than English	3 cr
Internship in Writing (ENGL 494)	3 cr
Senior Seminar (ENGL 495)	3 cr
or	
Senior Thesis (ENGL 497)	3 cr
Total	36 cr

The Language Arts Concentration

The language arts concentration in English is recommended for students seeking to combine an English major with teaching licensure. Note that the requirements differ according to the level at which a person intends to teach. The first list applies to those seeking licensure for early childhood: birth to age 8 or middle childhood-early adolescence: ages 6-12, 13; the second list applies to those seeking licensure for early adolescence-adolescence: ages 10-21 or early childhood-adolescence: birth to age 21. Those not seeking licensure may select either list.

Students should consult the Teacher Education section of the catalog for information on the education courses required for the particular age level for which licensure is sought.

The English/Language Arts Major for Early Childhood to age 8 or Middle Childhood-Early Adolescence: Ages 6-12, 13 licensure, 42 credits*

Because these requirements are subject to change, consult an English advisor for the latest information.

A. BASIC LITERATURE: one class from each section (21 credits)

British Literature Survey:

ENGL 216	British Literature to 1800	3 cr
ENGL 217	British Literature, 1800-1920	3 cr

American or Contemporary Literature:

ENGL 226	American Literature to 1855	3 cr
ENGL 227	American Literature, 1855-1920	3 cr
ENGL 237	Contemporary Literature, 1920-Present	3 cr

Women's Literature:

ENGL 112	Intro to Women's Studies: Women in Literature	3 cr
ENGL 269	Intro to Women Writers **	3 cr

Literature of Diversity:

ENGL 267	Literature of Diversity**	3 cr
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** NOTE: ENGL 269 and ENGL 267 may be combined by executive action. If they are combined, then reduce required credits by 3.

Shakespeare:

ENGL 320	Shakespeare	3 cr
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World Literature:

ENGL 246	Intro to World Literature	3 cr
ENGL 247	Intro to Modern World Literature	3 cr
ENGL 364	The Epic and Mythology	3 cr

Literary Analysis:

ENGL 266	Literary Analysis	3 cr
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Recommended Course:

ENGL 354	Young Adult Literature*	3 cr
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B. LANGUAGE ARTS: complete each section as indicated (18 credits)

ENGL 187	Introduction to Language	3 cr
ENGL 201	Advanced Composition	3 cr

Advanced Literature: (6 credits)

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

With approval from an adviser, some 400-level courses may be substituted for those listed above.

Linguistics: (3 credits)

ENGL 382	Modern English Grammar	3 cr
or		
PSYC 304	Language Development (with permission)	3 cr

Speech or Drama Course: (3 credits)**C. SENIOR SEMINAR/SENIOR THESIS:**

ENGL 495 or 497	3 cr
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The English/Language Arts Major for Early Adolescence-Adolescence: Ages 10-21 or Early Childhood-Adolescence: Birth to age 21 licensure, 48 credits

Because these requirements are subject to change, consult an English adviser for the latest information.

A. BASIC LITERATURE (24 credits)**One class from each section.****British Literature Survey:**

ENGL 216	British Literature to 1800	3 cr
ENGL 217	British Literature, 1800-1920	3 cr

American or Contemporary Literature:

ENGL 226	American Literature to 1855	3 cr
ENGL 227	American Literature, 1855-1920	3 cr
ENGL 237	Contemporary Literature, 1920-Present	3 cr

Women's Literature:

ENGL 112	Intro to Women's Studies: Women in Literature	3 cr
ENGL 269	Intro to Women Writers **	3 cr

Literature of Diversity:

ENGL 267	Literature of Diversity	3 cr
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** NOTE: ENGL 269 and ENGL 267 may be combined by executive action. If they are combined, then reduce required credits by 3.

Shakespeare:

ENGL 320	Shakespeare	3 cr
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World Literature:

ENGL 246	Intro to World Literature	3 cr
ENGL 247	Intro to Modern World Literature	3 cr
ENGL 364	The Epic and Mythology	3 cr

Literary Analysis:

ENGL 266	Literary Analysis	3 cr
ENGL 354	Young Adult Literature	3 cr

B. LANGUAGE ARTS: complete each section as indicated (21 credits)

ENGL 187	Introduction to Language	3 cr
ENGL 201	Advanced Composition	3 cr

Advanced Literature: (6 credits)

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

With approval from an adviser, some 400-level courses may be substituted for those listed above.

Linguistics: (6 credits)

ENGL 380	History of English Language	3 cr
ENGL 382	Modern English Grammar	3 cr
or		
PSYC 304	Language Development (with permission)	3 cr

Speech or Drama Course: (3 credits)**C. SENIOR SEMINAR/SENIOR THESIS:**

ENGL 495 or 497	3 cr
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Teacher Licensure

Students seeking teacher licensure in the English major or minor must also fulfill Wisconsin Department of Public Instruction requirements. These requirements are included in the Teacher Education section of this catalog.

Students are urged to consult the English Department's teacher education liaison for the current requirements for the major or minor. Additional information about the teacher education program and other requirements for licensure can be obtained from the teacher education adviser at (262) 595-2100.

Requirements for the English Minor

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. English Minor for Those Seeking Teaching Licensure: (30 credits)

Because these requirements are subject to change, consult an English adviser for the latest information.

ENGL 187 Introduction to Language. 3 cr

American Literature (3 Credits)

ENGL 226 American Literature to 1855. 3 cr

or

ENGL 227 American Literature, 1855-1920. 3 cr

Writing (6 credits)

ENGL 201 Advanced Composition 3 cr

ENGL 266 Literary Analysis. 3 cr

Linguistics (3 Credits)

ENGL 380 History of English Language. 3 cr

or

ENGL 382 Modern English Grammar 3 cr

Upper Division English Courses Other Than

ENGL 380, 382 (9 credits)

British Literature Including Shakespeare (3 credits)

ENGL 216 British Literature to 1800. 3 cr

or

ENGL 320 Shakespeare. 3 cr

World and Contemporary Literature (3 credits)

ENGL 247 Introduction to
Modern World Literature 3 cr

ENGL 364 The Epic and Mythology 3 cr

B. English Minor for Those NOT Seeking Teaching Licensure: 21 credits

Basic Literature (6 credits) - two courses from

ENGL 167, 216-247, 267, 269

Shakespeare (3 credits)

ENGL 320

Writing (3 credits) - one course from:

ENGL 104, 201-209, 266, 310, 401-409, 489, 494

Advanced Work (9 credits) - 3 credits 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

Writing - ENGL 310, 401-409, 494

Professional Writing Certificate

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:

2 courses (6 credits)

ENGL 104 Basic Reporting. 3 cr

ENGL 201 Advanced Composition 3 cr

ENGL 202 Technical Writing 3 cr

ENGL 204 Writing for Business/Industry. 3 cr

COMM 250 Media/Message Design 3 cr

2 courses (6 credits)

ENGL 310 Advanced Expository Writing. 3 cr

ENGL 402 Advanced Technical Writing. 3 cr

ENGL 403 Advanced Business Writing. 3 cr

ENGL 404 Advanced Non-Fiction Writing. 3 cr

1 course (3 credits)

ENGL 494 Internship in Writing/Editing 3-6 cr

COMM 494 Communication Internship
(project must entail writing). 3 cr

Film Studies Certificate

Housed within the English Department, the University of Wisconsin-Parkside 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, participate in the film studies certificate presentation/discussion, and maintain a GPA of 3.0 or higher in all film certificate courses.

Required courses (9 credits)

ENGL 252 Introduction to Film. 3 cr

ENGL 258 History of Film to 1950 3 cr

ENGL 259 History of Film from 1950. 3 cr

Elective courses (6 credits)

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 towards completion of the film studies certificate. These courses will be determined on a semester-by-semester basis. Please contact the program coordinator for more information.

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 English 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.

Entering students whose placement examinations indicate that they need more preparation before taking ENGL 101 are required to take ENGL 100 first. Students not yet ready for ENGL 100 are required to begin with ACSK 090 (Composition Preparation), a course that will count in the semester 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.

Courses in English (ENGL)

- 100 Fundamentals of English**.....3 cr
Prereq: English placement test or ACSK 090 with grade of C-minus or better. Freq: Fall, Spring.
 Emphasizes basic elements of sentence style and paragraph construction in the context of short papers.
- 101 Composition and Reading**.....3 cr
Prereq: English placement test 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-minus or better. Freq: Occasionally.
 Writing for newspapers with emphasis on journalistic style, format, copy editing, and on various reporting methods.

- 112 Introduction to Women's Studies: Women in Literature**.....3 cr
Prereq: None. Freq: Alternate Springs.
 This course 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 as WOMS 112.)
- 166 Literacy Tutor Training**.....1 cr
Prereq: None. Freq: Frequently.
 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 cr
Prereq: None. Freq: Fall, Spring.
 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.
- 187 Introduction to Language**3 cr
Prereq: ENGL 101 with a grade of C-minus or better. Freq: Every third semester.
 An introduction to major areas in the study of language, including phonology, syntax, semantics, historical, comparative linguistics and socio-linguistics.
- 201 Advanced Composition**.....3 cr
Prereq: ENGL 101 with a grade of C-minus 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-minus 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: Yearly.
 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-minus 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-minus 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 British Literature to 1800**3 cr
Prereq: ENGL 101 with a grade of C-minus 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 British Literature, 1800-1920**3 cr
Prereq: ENGL 101 with a grade of C-minus 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 American Literature to 1855**3 cr
Prereq: ENGL 101 with a grade of C-minus or better or consent of instructor. Freq: Fall, Spring.
 Survey of major writers such as Hawthorne, Poe, Emerson, Thoreau, Melville and principal developments from colonial times to mid-19th century.
- 227 American Literature, 1855-1920**3 cr
Prereq: ENGL 101 with a grade of C-minus 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 Modern and Contemporary Literature, 1920 to the Present**3 cr
Prereq: ENGL 101 with a grade of C-minus 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 Introduction to World Literature**3 cr
Prereq: ENGL 101 with a grade of C-minus or better or consent of instructor. Freq: Fall.
 Broad survey of ancient, medieval, and Renaissance, including nonwestern literatures, exclusive of English literature.
- 247 Introduction to Modern World Literature**3 cr
Prereq: ENGL 101 with a grade of C-minus or better or consent of instructor. Freq: Spring.
 Broad survey of several national and regional literatures including nonwestern literatures, since the Renaissance, exclusive of those of England and the United States.
- 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.
- 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-minus or better. Freq: Fall, Spring.
 Stresses original criticism of literature (English, 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-minus or better. Freq: Yearly.
 An introductory survey of literature of various ethnic groups.
- 269 Introduction to Women Writers**3 cr
Prereq: ENGL 101 with a grade of C-minus or better. Freq: Alternate years.
 An introduction to important women writers in their cultural contexts.
- 290 Special Topics in English**1-4 cr
Prereq: ENGL 101 with a grade of C-minus 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**
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. Freq: Alternate Years.
 A study of the history and development of drama from its beginnings through Shaw.
- 312 British Novel**3 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Alternate Years.
 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: Alternate Years.
 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. 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.
- 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 the short story in America.
- 324 American Poetry**3 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Yearly.
 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: Yearly.
 A study of British, American, and/or European drama since World War I. (Cross listed with THEA 331)
- 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.
- 353 Teaching English for Early Adolescence-Adolescence: Ages 10-21 or Early Childhood-Adolescence: Birth - Age 21**3 cr
Prereq: TEDU 210, 230; Admission to Teacher Education. Freq: Alternate Falls.
 Current materials, methods and activities for teaching English at the middle/secondary level. Off-campus clinical experiences are an integral part of this course. Satisfies teacher education course 353 requirement. (Cross listed with TEDU 353.)
- 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, three cr in lit 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. (Cross listed with ETHN 367.)
- 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 187 or equivalent. Freq: Yearly.
 An examination of the development of the English language from its Indo-European origins through the periods of Old, Middle, and Early Modern English. Includes attention to orthography, phonology, morphology and syntax.
- 382 Modern English Grammar**3 cr
Prereq: ENGL 187 or equivalent. Freq: Yearly.
 An introduction to traditional, structural, transformational and other models of English grammar.
- 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: Occasionally.
 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.
- 469 Studies in Women Writers**1-6 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Alternate years.
 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.
- 489 Teaching Composition**.....3 cr
Prereq: ENGL 201 or consent of instructor. Freq: Occasionally.
 Methods and materials for the teaching of writing. Evaluation techniques.
- 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. 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.
- 497 Senior Thesis**3 cr
Prereq: Consent of English faculty; sr st or 21 cr toward ENGL maj. 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**cr arr
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

<http://www.uwp.edu/academic/environmental.studies>

Degree Offered:

None; UW-Parkside offers an environmental studies minor.

Professors:

Egerton, Ph.D.; Evans, Ph.D.; Statham, Ph.D.

Associate Professors:

Gundersen, Ph.D.; James, Ph.D.; Kaufman, Ph.D.; Mayer, Ph.D.(Director); Thomson, Ph.D.; Walasek, Ph.D.; Wood, Ph.D.

Assistant Professor:

Wolf, Ph.D.

Lecturer:

Mossman, Ph.D.

Student Organizations/Clubs:

Earth Club

Career Possibilities:

Wildlife conservation, science teaching, environmental monitoring, environmental law enforcement, forestry, environmental law, journalism.

Program Overview

Environmental Studies is an interdisciplinary program designed to focus the studies of students having a strong interest in environmental issues. It attempts to develop an appreciation for the scope of environmental problems and the costs and consequences for various solutions. It draws upon the expertise of a diverse group of faculty in the College of Arts and Sciences, and it is open to all students.

Requirements for the Environmental Studies Minor

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. ENVS 495 Environmental Issues Seminar 1 cr

Required of all students, and may be repeated for credit when the theme is different.

B. Environmental Survey (3 Credits)

BIOS 104	Ecology Science of Survival.	3 cr
CHEM 109	Environmental Chemistry.	3 cr
GEOG 380	Conservation of Natural Resources.	3 cr
GEOL 103	Environmental Earth Science	3 cr

(Biological Sciences majors should take BIOS 305, not 104; and Geology majors should take GEOL 330, not 103.)

C. Environmental Policy (3 Credits)

ECON 300	Environmental Economics	3 cr
HIST 225	Environmental History of North America	3 cr
POLS 302	Environmental Policy	3 cr
SOCA 379	Society and the 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.

Other Courses Which Count for the Minor

BIOS	102, 202 or 303, 305, 313, 318, 324, 330
ECON	120, 320
ENGL	202
GEOG	326, 382, 384, 390, 396
GEOL	105, 106, 108, 320, 330, 430, 440, 445, 460, 465, 470
HIST	201, 222
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 a member of the environmental studies minor faculty. An independent study within the student's major field must be approved by the environmental studies faculty committee.

Background Courses

Students adopting an environmental studies minor are encouraged to take as many of the following as possible:

CHEM	101, 102
ECON	121, 325, 327, 405
ENGL	402
GEOG	100, 105, 110, 215, 223, 224, 310, 315, 320, 360, 375
GEOL	100, 101, 102, 301
HIST	101, 102, 106, 120, 128, 221, 313, 324, 325, 327, 329, 341, 346
PHIL	101, 104, 206, 320
POLS	100, 104, 125, 214, 215, 216, 320, 331, 341, 360, 365, 400

Statistics is an important tool for environmental studies, and therefore students are urged to take one of the following:

BIOS	210
QM	210
MATH	109, 309, 310
PSYC	250
SOCA	250

Courses in Environmental Studies (ENVS)

495 Seminar on Environmental Issues1 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 Study1-3 cr

Prereq: Consent of instructor. 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

Greenquist 318 • (262) 595-2162 • www.uwp.edu/academic/ethnic.studies

Degree Offered:

None. UW-Parkside offers an ethnic studies minor.

Professors:

Kinchen, Ed.D.

Associate Professors:

Gee, Ph.D. (Co-Director-CIS); Khan, Ph.D. (Chair-ECON);
New, Ph.D.; Ross, Ph.D.; Saffioti-Hughes, Ph.D.; Schutte,
Ph.D.; Shailor, Ph.D. (Chair-COMM)

Assistant Professors:

Akindes, F., Ph.D. (Director-CES); Eigenberger, Ph.D.;
St. Jean, Ph.D.; Zimmerman, Ph.D.

Lecturer:

Christie, M.F.A., Martinez, M.A.

Academic Staff:

Johnson (Director-OMSA).

Career Possibilities:

The ethnic studies minor is designed for students seeking a career that requires intercultural respect and understanding. It complements such majors as business, communication, criminal justice, history, political science, sociology and anthropology. Ethnic studies strengthens students' career options with non-profit, private or governmental organizations, as well as law, teaching or graduate school.

Program Overview

Ethnic studies is an interdisciplinary program that expands students' understanding and respect of historically marginalized ethnic groups in the United States: Native American Indians, African Americans, Latina/o Americans and Asian Americans. In addition to studying the historical, political, cultural and social experiences of these four groups, ethnic studies courses also take a comparative approach to studying the relationship of multiple ethnic groups, as well as the interlocking relationship of race, ethnicity, gender, class and sexual orientation in forming the identities of U.S. Americans. Ethnic studies courses are relevant for all students seeking a deeper understanding of the past, present and future role of race and ethnicity in the U.S. The ethnic studies minor may be combined with any major. (For information on the Ethnic Diversity requirement, see the Programs and Policies section of this catalog.)

Requirements for the Minor in Ethnic Studies

The ethnic studies minor consists of 18 credits, 9 in the core courses, 3-6 credits focusing on specific ethnic groups, and 3-6 credits of general electives. All elective courses listed below are 3 credits each. Special topics courses in ethnic studies (ETHN 290/490) are offered from time to time and may be substituted as a general elective with the consent of the director.

Core Courses (9 credits)

ETHN 201	Ethnic Studies Concepts and Methods	3 cr
ETHN 302	Race/Ethnicity USA	3 cr
ETHN 494	Internship in Ethnic Studies	3 cr
or		
ETHN 499	Independent Study	3 cr

Electives Focused on Particular Ethnic Groups (3-6 credits)

ETHN 315	Cultural Diversity and U.S. Law: Tribal Nations.	3 cr
ETHN 316	Cultural Diversity and U.S. Law: African Americans.	3 cr
ETHN 326	African-American Music.	3 cr
ETHN 337	African-American History.	3 cr
ETHN 363	Communication and Ethnicity.	3 cr

Focus rotates among African Americans, Asian Americans, Latina/o Americans, and Native American Indians. May be repeated with different content.

SOCA 227	North American Indians	3 cr
SOCA 324	African American Studies	3 cr
SOCA 328	Asians in American Society.	3 cr
SOCA 343	Latinas/os in the United States	3 cr

General Electives (3-6 credits)

COMM 107	Communication and the Human Condition	3 cr
COMM 365	Intercultural Communication.	3 cr
COMM 463	Gender, Race and Class in the Media	3 cr
ENGL 267	Literature of Diversity.	3 cr
ENGL 367	Studies in American Ethnic Literature	3 cr
ETHN 365	Intercultural Communication.	3 cr
GEOG 101	Geography of American Ethnicity	3 cr
SOCA 206	Race and Ethnic Relations	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. Please contact the program coordinator for more information.

Courses in Ethnic Studies (ETHN)

- 201 Ethnic Studies Concepts and Methods**.....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: African Americans, Asian Americans, Hispanic/Latino(a) Americans, and Native American Indians.
- 290 Special Topics in Ethnic Studies**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: Junior standing or consent of instructor. Freq: Spring.
Examines the continuing evolution of the United States into “an American kaleidoscope” during the 20th century. Tests the various concepts and models of technocultural interaction against the complexity and diversity of historical development during a century of rapid, massive change. (Cross listed as HIST 302.)
- 315 Cultural Diversity and U.S. Law: Tribal Nations**3 cr
Prereq: Junior standing or consent of instructor. Freq: Fall.
A study of the relationship of tribal nations with the United States government, as nations within a nation. Topics include tribal sovereignty, the Marshall trilogy, removal, allotment, the Indian Reorganization Act, the Indian Bill of Rights, termination, Public Law 280, religious freedom, and modern tribal governments. The tribal nations of Wisconsin are emphasized. (Cross listed as POLS 315.)
- 316 Cultural Diversity and U.S. Law: African Americans** ..3 cr
Prereq.: Junior standing or consent of instructor. Freq: Spring
This course 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 as POLS 316)
- 326 African-American Music**3 cr
Prereq: Junior standing or consent of instructor. Freq: Occasionally.
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 as MUS 326.)
- 333 Contemporary American Immigration**.....3 cr
Prereq: None. Freq: Yearly.
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 as HIST 333.)

- 337 African American History**3 cr
Prereq: Junior standing or consent of instructor. Freq: Yearly.
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 as HIST 337.)
- 363 Communication and Ethnicity**.....3 cr
Prereq: Junior standing or consent of instructor. Freq: Spring, Fall.
A critical examination of communication practices which construct, maintain, transform, or threaten ethnic identity in a cocultural context. May be repeated with different content. Emphasis rotates among African Americans, Asian Americans, Latino/a Americans, and Native Americans. (Cross listed as COMM 363.)
- 365 Intercultural Communication**3 cr
Prereq: None. Freq: Fall.
Critical approaches to understanding communication across cultural differences.
- 490 Special Topics in Ethnic Studies**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. 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 department chair. Freq: Fall, Spring, Summer.
Topics individually arranged. Descriptions for other minor courses are located in their respective departments.

Graduate Courses

Cultural Foundation of Education

Consortial Master's Program with UW-Milwaukee

- 511 Immigrants, Minorities and Education**3 cr
Prereq: None. Freq: Occasionally.
Examines the educational experiences of immigrants from Europe, Asia, and Latin America, as well as African Americans and Native Americans within a comparative and historical framework.
- 515 Cultural Diversity and U.S. Law:
Tribal Nations**.....3 cr
Prereq.: None. Freq: Fall.
A study of the relationship of tribal nations with the United States government, as nations within a nation. Topics include tribal sovereignty, the Marshall trilogy, removal, allotment, the Indian Reorganization Act, the Indian Bill of Rights, termination, Public Law 280, religious freedom, and modern tribal governments. The tribal nations of Wisconsin are emphasized. (Cross listed as POLS 315.)

516 Cultural Diversity and U.S. Law:**African Americans**3 cr*Prereq.: None. Freq: Spring.*

This course 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 as POLS 316.)

523 Institutional Racism in America3 cr*Prereq: None. Freq: Occasionally.*

Analysis of racial prejudice and discrimination in America's social institutions, especially education, and examination of the interaction among ethnic communities and the larger American society.

560 Education Policy and Program Evaluation3 cr*Prereq: None. Freq: Occasionally.*

An analysis and evaluation of public policies related to education in the United States, especially those surrounding the cultural foundations of education and their assessment.

565 Intercultural Communication3 cr*Prereq: None. Freq: Fall.*

Critical approaches to understanding communication across cultural differences. (Cross-listed as COMM 365.)

567 Studies in American Ethnic Literature3 cr*Prereq: None. Freq: Occasionally.*

Examines the literature of one or more ethnic groups, with special emphasis on how literature reflects issues dealing with the cultural diversity of the United States. May be repeated for credit with different content.

GENERAL SCIENCES

(262) 595-2327

Faculty

Boyer, Ph.D. (Center for Science Education Director)

Overview

The National Commission on Mathematics and Science Teaching for the 21st Century reported to former Secretary of Education Richard Riley that the mathematics and science preparation of students in our country is unacceptable. This diagnosis indicates a society that will become an increasingly less competitive member of the global community unless significant changes are instituted systemically.

General Sciences courses demonstrate the University's strong commitment to prepare students to become informed citizens who actively participate in their society from a perspective of knowledge and understanding. The interdisciplinary courses here also aim to enhance the level of science teaching and learning throughout the preK-12 system.

For several years now, educators have worked to shift the focus of science education from those students most likely to become scientists or mathematicians to all students—tomorrow's informed citizens and members of the global community.

It is anticipated that the increasing attention paid to the preparation of future teachers of science will justify an expansion of the current offerings in this area (e.g., a broad-field or general science minor—for current information, contact the Center for Science Education at 595-2165).

General Education

GSCI 102 satisfies three credits of science toward general education requirements. Its focus, as for other courses in this category, is to raise the level of science literacy by understanding what is and what is not scientific.

Preparation for Teaching

Early or Early-to-Middle Childhood Licensure

UW-Parkside's Conceptual Framework requires 12 credits of science in preparation for certification to teach at the early or early-to-middle childhood level. Because all teachers licensed at this level are expected to teach science in the majority of schools and the attending urgency for quality science teaching, it is necessary that candidates successfully complete two laboratory science courses. Specifically, these are GSCI 205 and GSCI 206, as these meet requirements for physical and natural sciences, respectively. Both courses are specifically designed for prospective teachers.

Middle Childhood—Early Adolescence Licensure

This license permits specialization in science upon completion of a science minor. Ideally, teachers who have not completed a science minor would not teach science. During times when qualified teachers of science are scarce, drastic actions, such as the assignment of “out of field” teachers to science classrooms, are not uncommon. Accordingly, both GSCI 205 and 206 (or their equivalent) are required for certification.

Early Adolescence—Adolescence Licensure

“Out of field” teaching at this developmental level is unusual, but not unheard of. Prospective teachers at this level must successfully complete GSCI 205 (or its equivalent).

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.
- 205 Foundations of Science I**3 cr
Prereq: Consent of TEDU Advisor. Freq: Spring.
 Designed for non-science majors interested in preK-12 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. 4 hour studio.
- 206 Foundations of Science II**3 cr
Prereq: GSCI 205. Freq: Fall.
 A continuation of GSCI 205 with greater emphasis on the life sciences and the technological impacts of science.
- 490 Special Topics**1-4 cr
Prereq: None. Freq: Occasionally.
 Selected topics in science will be examined.
- 496 Internship**1-3 cr
Prereq: None. Freq: Fall, Spring.
 Supervised science education experience arranged outside of the University setting.
- 499 Independent Study**1-3 cr
Prereq: None. Freq: Fall, Spring
 Supervised experiences related to science education.

GENERAL EDUCATION PROGRAM

Program Overview

General education is the foundation of lifelong learning. The aim of the General Education Program at UW-Parkside is to provide lifelong access to information by developing in students the skills and capacities necessary for a lifetime of continuous learning. Student learning outcomes that are developed through the general education curriculum include the ability to think critically and analytically about problems and issues; the ability to work effectively as a member of a team; and the ability to communicate effectively, both orally and in writing.

UW-Parkside’s general education program is designed to ensure that all of its graduates have a solid foundation in the arts and sciences. General education distribution courses provide a broad context for the more concentrated and in-depth study that takes place in the major field of study. Since the general education courses are often the only college courses a student takes in a given area of study, they provide the foundation for lifelong learning; a foundation that is reinforced through the major field of study.

General education requirements are listed in the chapter on Academic Programs and Policies. The goals of general education at UW-Parkside may be divided into two interrelated categories: process-oriented goals and content-oriented goals. It must be stressed that there is no conflict between the two categories; they are complementary and of comparable importance. The goals are met in a variety of ways in the set of courses students take as they progress through their general education programs and through their majors.

I. PROCESS-ORIENTED GOALS:

- A. To consider general education, fundamentally, not as providing a product but as providing a series of intellectual capacities and habits of mind that will serve students through a lifetime of learning in an uncertain future—capacities and habits that will inform the everyday lives of students.
- B. To hone students’ ability to ask questions appropriate to a given problem or issue.
- C. To promote the seeking of answers to questions in light of an understanding of how to find information and how to identify good evidence and knowledge.
- D. To sharpen students’ capacity to think critically and to solve problems by the applications of the skills alluded to in B and C above.
- E. To encourage an awareness of the ethical considerations inherent in critical thinking and problem solving.

II. CONTENT GOALS:

- A. To promote a series of literacies intended to help students become responsible, effective citizens of their communities, their nation, and the world and, in doing so, enrich their lives. The term “literacies” is intended to imply basic understanding arrived at through reading and discussing primary and secondary works in a variety of areas, and through direct experience as appropriate. Ultimately, students should gain an ability to find out more, independently, about those areas and their interrelation. The literacies should include civic, cultural, aesthetic, international, and scientific and technical areas.
- B. To ensure that students acquire the critical communication and computational skills to support all of the above goals.

Courses in General Education (GNED)

- 101 University Seminar**.....2 cr
Prereq: None. Freq: Fall, Spring, Summer.
This course is designed to assist students’ understanding of higher education, their role and responsibilities in the education process, and the role of general education in higher education. The course will also help the student in a successful transition to the university community.
- 290 Special Topics**1-3 cr
Prereq: Freshman, 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.
- 390 Special Topics**1-3 cr
Prereq: Junior Standing. Freq: Occasionally
Topics of special interest to the process, content and assessment of general education. May be repeated for credit with different topic.
- 490 Special Topics**1-3 cr
Prereq: Junior, senior standing. Freq: Occasionally.
Topics of special interest to the process, content and assessment of general education. May be repeated for credit with different topic.

UNDERGRADUATE PROGRAMS

GEOGRAPHY

Molinaro 275 • (262) 595-2149 • www.uwp.edu/academic/geography

Degree Offered:

Bachelor of Arts.

Associate Professor:

Walasek, Ph.D. (Chair)

Assistant Professors:

Song, Ph.D.; Wolf, Ph.D.; Zimmerman, Ph.D.

Student Organizations/Clubs:

Geography Club

Career Possibilities:

Students who major in geography are prepared for careers in cartography, geographic information systems, environmental analysis, 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. Possible employers include mapping firms, environmental agencies, planning commissions, site selection companies, marketing departments, school districts, 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 Geography Department's mission is to extend geographic knowledge through high-quality educational programs, research, and service activities using appropriate technology to train students and 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.

The UW-Parkside geography curriculum is designed to reflect the needs of society and nature so that the student will gain an appreciation of the varied spatial factors which influence life in today's interconnected world. Understanding global, national, and local patterns of economic activity, urban problems, cultural differences and environmental change is stressed.

Internships

The department is strengthened by an internship program with placement in local public or private sector locations.

Requirements for the Geography Major

Students majoring in geography may choose among the following:

1. General Major
2. Concentration in Planning

3. Concentration in Applied Environmental Geography
4. Certificate in Geographic Information Systems

I. Core Courses (26 or 27 credits)

All geography majors are required to complete the following courses or their equivalents:

GEOG 100	Introduction to Physical Geography . . .	3 cr
GEOG 101	Geography of American Ethnicity	3 cr
or		
GEOG 105	Introduction to Human Geography . . .	3 cr
GEOG 110	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 323	Climatology	3 cr
or		
GEOG 324	Landform Geography	4 cr
or		
GEOG 326	Biogeography	3 cr
GEOG 350	Cartography	3 cr
GEOG 495	Senior Seminar	2 cr

II. General Major (38 credits minimum)

The general major is designed for students wanting a broad background in geography. Most students also seeking teacher licensure (see the following page) would be in the general major. The core courses plus 12 credits of 300-level and above courses or their equivalents are required.

III. Concentration in Planning (38 credits minimum)

The concentration in planning is for students interested in positions or graduate study in urban and regional planning, business planning, or in related fields. The core courses plus the following or their equivalents are required.

GEOG 360	Urban Geography	3 cr
GEOG 390	Land Use Planning	3 cr

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 Planning	3 cr

IV. Concentration in Applied Environmental Geography (38 credits minimum)

This concentration allows students to emphasize physical geography and environmental analysis. A career in environmental management is one example of where this concentration could be used. The core courses plus the following or their equivalent are required.

Four of the following:

GEOG 323	Climatology	3 cr
GEOG 324	Landform Geography	4 cr
GEOG 326	Biogeography	3 cr
GEOG 380	Conservation of Natural Resources	3 cr
GEOG 382	Soil Ecosystems and Resources	4 cr
GEOG 384	Landscape Ecology	3 cr
GEOG 396	Field Methods.	3 cr

Note that the advanced physical geography course required in the core courses (323, 324, or 326) does not count in this concentration. Students taking a second (and third) course from 323, 324, or 326 may use the course(s) in this concentration.

V. Certificate in Geographic Information Systems (15 credits for non-majors; 41 credits minimum for geography majors).

Geographic information systems (GIS) analyze data bases for spatial patterns. 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
or		
GEOG 350	Cartography	3 cr
GEOG 455	Remote Sensing Essentials	3 cr
GEOG 460	Introduction to Geographic Information Systems.	3 cr
GEOG 465	Advanced Geographic Information Systems.	3 cr
CSCI 106	Computer Productivity Tools	3 cr

Geography majors must complete the core courses including both 250 and 350 and take at least 3 additional 300 level and above credits.

Requirements for the Geography Minor

The minor in geography consists of a minimum of 18 credits. The following courses or their equivalents are required:

GEOG 100	Introduction to Physical Geography	3 cr
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One of the following:

GEOG 101	Geography of American Ethnicity	3 cr
GEOG 105	Introduction to Human Geography	3 cr
GEOG 110	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.

Teacher Licensure

Students seeking teacher licensure in the geography major or minor must fulfill Wisconsin Department of Public Instruction requirements; therefore, their course requirements may differ from those of the non-teaching major and minor. Information about the teacher education program and additional requirements for licensure can be obtained from the teacher education adviser at (262) 595-2100.

Courses in Geography (GEOG)

- 100 Introduction to Physical Geography 3 cr**
Prereq: None. Freq: Fall, Spring, Summer.
Examination of the primary elements of landforms and climate and their interrelationships as they influence human activities on the Earth's surface. Not intended for geosciences majors.
- 101 Geography of American Ethnicity 3 cr**
Prereq: None. Freq: Occasionally.
American ethnicity from a geographic perspective. Patterns, trends and movements of the major ethnic groups, which help to shape contemporary American society.
- 105 Introduction to Human Geography 3 cr**
Prereq: None. Freq: Spring.
An overview of contemporary themes in human geography including population issues, cultural differences, languages, politics, settlement patterns, migration, and economic organization.
- 110 Introduction to Geography-World Regions 3 cr**
Prereq: None. Freq: Fall, Spring, Summer.
A study of the variable interrelationships of cultural and physical phenomena as exemplified by major world regions.
- 215 Economic Geography 3 cr**
Prereq: None. Freq: Spring.
Analysis of the factors which influence the spatial patterns of economic activities and economic variables. Introductory course in geography recommended.
- 250 Map Use and Analysis 3 cr**
Prereq: None. Freq: Fall.
Interpretation of topographic maps, thematic maps, cartograms. Measurement of distance, area and slope. Map projections and locational grids; route finding; land ownership; use of aerial photographs.
- 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 cr in GEOG or consent of instructor. Freq: Fall.
Introduction to geographic concepts, methods, and procedures. Discussion of the application of selected descriptive and inferential statistical methods to geographic problems.

UNDERGRADUATE PROGRAMS

- 310 Geography of the United States and Canada.....3 cr**
Prereq: None. Freq: Occasionally.
 Covers the physical features, resources, people, land utilization and economic development of the United States and Canada. Particular emphasis on the urban industrial core.
- 315 Geography of Wisconsin.....3 cr**
Prereq: None. Freq: Summer.
 Physical and cultural features described. Statewide issues examined from a geographic perspective. Particular emphasis on southeastern Wisconsin.
- 320 Regional Geography.....3 cr**
Prereq: None. Freq: Occasionally.
 Physical and cultural features of selected regions. Emphasis on industrialization and economic organization. May be taken for credit each time a different region is studied.
- 323 Climatology.....3 cr**
Prereq: GEOG 100. Freq: Occasionally.
 Characteristics, processes, distribution, and geographical significance of Earth's climates.
- 324 Landform Geography.....4 cr**
Prereq: GEOG 100. Freq: Occasionally.
 Characteristics, processes, distribution, and geographical significance of the world's landforms. Analysis of tectonics, rock types, glaciation, fluvial processes and soil genesis. Includes field trip, lab applications, and aerial photo interpretation.
- 326 Biogeography.....3 cr**
Prereq: GEOG 100 or BIOS 102 or consent of instructor. Freq: Fall.
 An examination of the spatial and temporal distribution of organisms and the factors influencing those distributions, both past and present, including human impact on vegetation.
- 330 Population Geography.....3 cr**
Prereq: A course in geography. Freq: Fall.
 Emphasizes geographic factors that influence patterns of human existence. Examines population distributions and growth as related to environmental and resource issues. Includes case studies, applications and methods of analysis.
- 340 Political Geography.....3 cr**
Prereq: A course in geography. Freq: Occasionally.
 The geographical explanation of political organization of space, territory, and boundary problems and examination of the spatial aspects of voting behavior, migration, political conflict and its resolution. Emphasis on ethnic nationalism and regional conflict.
- 350 Cartography.....3 cr**
Prereq: GEOG 250 or consent of instructor. Freq: Spring.
 Principles of basic cartography, including map projection, compilation, generalization, and symbolization; emphasis on presenting quantitative data using computerized techniques.
- 360 Urban Geography.....3 cr**
Prereq: A course in geography. Freq: Fall.
 Regional variation in the form and degree of urbanization and theories of urban location. Analysis of the patterns of economic and social activity within cities.
- 375 Geography of Transportation.....3 cr**
Prereq: A course in geography. Freq: Occasionally.
 Geographic analysis of transportation with emphasis on commodity flows and traffic patterns.
- 380 Conservation of Natural Resources.....3 cr**
Prereq: None. Freq: Summer.
 Policies and problems in the use and management of natural resources. Selected topics taken from southeastern Wisconsin.
- 382 Soil Ecosystems and Resources.....4 cr**
Prereq: GEOG 100. Freq: Occasionally.
 An examination of soils as both natural bodies and as managed resources, integrating the basic properties of soil relevant to understanding plant-soil relationships in natural and human-altered landscapes. Includes lab and field experience.
- 384 Landscape Ecology.....3 cr**
Prereq: GEOG 100 or BIOS 102 or consent of instructor. Freq: Occasionally.
 A study of the interactions between the landscape and its biotic and cultural components. Examines how a natural landscape can be perceived based on patterns of species distributions and species interactions with their environment. Emphasizes human modification of natural processes affecting vegetation.
- 390 Geography in Land Use Planning.....3 cr**
Prereq: A course in geography. Freq: Spring.
 How geographic factors affect the development of regional land use plans. Selected examples from southeastern Wisconsin.
- 396 Field Methods in Geography.....3 cr**
Prereq: None. Freq: Occasionally.
 Acquisition and application of geographic concepts, methods and tools in a field setting. Hands-on experience and in-depth learning about the geography of a selected area. May be taken for credit each time a different area is studied. Additional fees required.
- 455 Remote Sensing Essentials.....3 cr**
Prereq: GEOG 250 or 350 or consent of instructor. Freq: Every third semester.
 Overview of remote-sensing systems (airborne or 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 and environmental research and planning.
- 460 Introduction to Geographic Information Systems.....3 cr**
Prereq: GEOG 250 or 350 or consent of instructor. Freq: Yearly.
 Map overlay analysis. Microcomputer system: spatial data bases (data capture, verification, structure, management); and operations (reclassification, overlaying, rotation, scale change, projections, neighborhood functions, modeling).
- 465 Advanced Geographic Information Systems.....3 cr**
Prereq: GEOG 460 or consent of instructor. Freq: Every third semester.
 Advanced technical, implementation and application issues in GIS. Advanced vector and raster operations with selected GIS packages.

- 490 Special Topics in Geography**.....3 cr
Prereq: Consent of instructor. Freq: Occasionally.
 Selected topics in geography will be examined.
- 494 Internship in Planning**.....3-12 cr
Prereq: Junior standing, geography or related major, 2.75 GPA in geography courses, and consent of instructor.
Freq: Fall, Spring, Summer.
 Work under the direction of planning officials in collecting, coding, compiling, editing and mapping land use and other geographic information used in the planning process. May be repeated for a maximum of 12 credits with up to 6 credits toward the major.
- 495 Senior Seminar**.....2 cr
Prereq: Senior standing, geography or related major.
Freq: Fall, Spring
 Capstone course applying knowledge and concepts of geography. Includes completing a major 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.
 Maximum of 6 credits may be applied toward the major.

Graduate Courses

- 596 Field Methods in Geography**.....3 cr
Prereq: None. Freq: Occasionally.
 Acquisition and application of geographic concepts, methods, and tools in a field setting. Hands-on experience and in-depth learning about the geography of a selected area. May be taken for credit each time a different area is studied. Additional fees 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 • www.uwp.edu/academic/geology

Degree Offered:

Bachelor of Science.

Professor:

Evans, Ph.D. (Chair)

Associate Professor:

Li, Ph. D.

Assistant Professor:

Skalbeck, Ph.D.

Student Organizations/Clubs:

Geology Club

Career Possibilities

Students in the Geosciences Department select from among four concentrations: geology, environmental geosciences, soil and water sciences, and earth science, depending on their career goals.

The geology concentration is a traditional geology curriculum, with sufficient course work to make students eligible for the certification examination as a professional geologist in Wisconsin. Students taking this concentration can consider careers involving earth material resources, energy resource exploration, and engineering geology. This concentration will also prepare them for graduate work in specialties such as planetary geology, volcanology, marine geology, glacial geology, and global plate tectonics.

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.

The soil and water sciences concentration is primarily environmental, and includes specific additional course work in soil science and water resources. Students completing this curriculum will be eligible for the certification exam as professional soil scientists and/or professional hydrogeologists in Wisconsin. 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 18 credits of support courses are built into the major. These courses will be selected by the student and his/her adviser in order to develop a focal point related to their geosciences curriculum. The 18 credits is 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, MBA or MPA 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 geology, environmental geosciences, soil and water science, and earth science. Students electing the first three of these concentrations will 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 groundwater 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.

It is the purpose of the Geosciences Department to become a key resource for environmental earth-system science at the University of Wisconsin-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.

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 also 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, 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.

Preparation for Graduate School

The environmental geosciences and soil and water science curricula provide a strong background in mathematics and the physical sciences that prepares students for graduate work in the natural and environmental sciences. Students electing the geology concentration should consult with their advisers to determine whether they should include supplementary mathematics and/or physics electives. 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.

Requirements for the Geosciences Major

Geosciences major and concentration selection. Students in the Geosciences Department select from among four concentrations: geology, environmental geosciences, soil and water sciences, and earth science.

All four concentrations have a core of six courses in common:

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	3 cr
GEOS 495	Senior Seminar	1 cr (must be taken twice)
GEOS 496	Geoscience Applications	3 cr
Total core courses		17 cr

Geology Concentration Courses

(in addition to Core)

GEOS 101	Introductory Geology	3 cr
or		
GEOS 103	Introductory Environmental Geology	3 cr
GEOS 207	Field Methods	2 cr
GEOS 301	Geomorphology	3 cr
GEOS 310	Structural Geology	3 cr
GEOS 331	Introduction to Geochemistry	3 cr
GEOS 345	Geophysics	3 cr
GEOS 361	Hydrogeology	3 cr
GEOS 420	Glacial Geology	4 cr
MATH 114	College Algebra II w/Trigonometry	5 cr
CHEM 101	General Chemistry I	5 cr
CHEM 102	General Chemistry II	5 cr
PHYS 101	Principles of Physics	4 cr
GEOG 460	Intro to GIS	3 cr
Subtotal concentration		46cr
Core		17 cr
Total major requirements		63 cr

Environmental Geosciences Concentration Courses

(in addition to core)

GEOS 101	Introductory Geology	3 cr
or		
GEOS 103	Introductory Environmental Geology	3 cr
GEOS 331	Introduction to Geochemistry	3 cr
GEOS 345	Geophysics	3 cr
GEOS 361	Hydrogeology	3 cr
GEOS 431	Aqueous & Contaminant Geochemistry	3 cr
GEOS 440	Contaminants in Terrestrial Systems	3 cr
GEOS 445	Env. Sampling, Monitoring, & Assessment	4 cr
GEOS 465	Applied Hydrogeology	4 cr
GEOS 470	Remediation Science and Technology	3 cr
MATH 114	College Algebra II w/Trigonometry	5 cr
MATH 221	Calculus & Anal. Geometry I	5 cr
CHEM 101	General Chemistry I	5 cr
CHEM 102	General Chemistry II	5 cr
PHYS 101	Principles of Physics	4 cr
Subtotal concentration		53 cr
Core		17 cr
Total major requirements		70 cr

Soil and Water Sciences Concentration Courses

(in addition to core)

GEOS 106	Great Lakes Water Resources	3 cr
GEOS 108	Dirt Appreciation: Soils for Survival	3 cr
GEOS 320	Soils, Weathering, and Surficial Processes	4 cr
GEOS 361	Hydrogeology	3 cr
GEOS 331	Introduction to Geochemistry	3 cr
GEOS 440	Contaminants in Terrestrial Systems	3 cr
GEOS 445	Env. Sampling, Monitoring, & Assessment	4 cr
GEOS 465	Applied Hydrogeology	4 cr
GEOS 470	Remediation Science and Technology	3 cr
MATH 114	College Algebra II w/Trigonometry	5 cr
MATH 221	Calculus & Anal. Geometry I	5 cr
CHEM 101	General Chemistry I	5 cr
CHEM 102	General Chemistry II	5 cr
PHYS 101	Principles of Physics	4 cr
GEOG 382	Soil Ecosystems and Resources	3 cr
Subtotal concentration		57 cr
Core		17 cr
Total major requirements		74 cr

Earth Science Concentration Courses

(in addition to core)

GEOS 100	Earth in Perspective	3 cr
or		
GEOS 101	Introductory Geology	3 cr
or		
GEOS 103	Introductory Environmental Geology	3 cr
GEOS 106	Great Lakes Water Resources	3 cr
GEOS 108	Dirt Appreciation: Soils for Survival	3 cr
GEOS 207	Field Methods	2 cr
GEOS 301	Geomorphology	3 cr
GEOS 320	Soils, Weathering, and Surficial Processes	4 cr
GEOS 420	Glacial Geology	4 cr
MATH 102	Survey of Mathematics	3 cr (or higher)
CHEM 100	The World of Chemistry	3 cr
or		
CHEM 109	Environmental Chemistry	3 cr
	Supporting courses	18 cr
	Subtotal concentration	46 cr
	Core	17 cr
	Total major requirements	63 cr

Requirements for the Geosciences Minor

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 geology. This may enhance and add flexibility regarding career opportunities.

Students must complete a minimum of 18 credits in geology as follows:

GEOS 101	Introductory Geology	3 cr (or acceptable substitute)
GEOS 102	Origin and History of the Earth	3 cr
GEOS 104	Introductory Geology Laboratory	2 cr
GEOS 200	Minerals and Rocks	4 cr

A minimum of 6 additional geology credits,
three (3) of which must be upper level (300/400) 6 cr

Total credits for geosciences minor 18 cr

Teaching Licensure for Geosciences Major or Minor

Students seeking teacher licensure in the geosciences major or minor must fulfill Wisconsin Department of Public Instruction requirements. Information about the teacher education program and additional requirements for licensure can be obtained from the teacher education adviser at (262) 595-2100. Such students should also consult with the Geosciences Department teacher education liaison, Dr. Evans, at (262) 595-2171.

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: Spring.
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 Introductory Environmental Geology**3 cr
Prereq: None. Freq: Spring and occasionally Fall.
Introduction to geology and the impact of geologic processes and human activities on the environment; geologic hazards; volcanoes, earthquakes, landslides, folding; environmental problems: pollution, land use, energy, and mineral resources. Three-hour lecture.
- 104 Introductory Geology Laboratory**2 cr
Prereq: GEOS 101 (or acceptable substitute). Freq: Spring.
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: Occasionally.
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 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: Spring
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.
- 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; periodic lab sessions. (Cross listed as PHYS 110.)

- 200 Minerals and Rocks**.....4 cr
Prereq: GEOS 104 or consent of instructor. Freq: Spring.
 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 and 104. Freq: Fall.
 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 Geology**1-4 cr
Prereq: Consent of Instructor. Freq: Occasionally.
 Selected topics in geology will be examined.
- 300 Petrology**.....3 cr
Prereq: GEOS 102 and 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**3 cr
Prereq: GEOS 102 and 200; or consent of instructor.
Freq: Alternate Falls.
 Analysis and description of landforms; emphasis on genesis, surficial processes, and relation to geologic structure. Includes some regional treatment of landscapes. Field trips. Two-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 and 200, or consent of instructor.
Freq: Alternate Springs.
 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 and CHEM 101. Freq: Alternate Falls.
 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; four-hour lab.
- 330 Environmental Geology**4 cr
Prereq: GEOS 104. Freq: Occasionally.
 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: Alternate Springs.
 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 and MATH 114 or consent of instructor.*
Freq: Alt. Springs
 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**3 cr
Prereq: GEOS 102 and 200 or consent of instructor.
Freq: Alternate Falls.
 The sedimentary rock record, correlation, nomenclature, paleotectonics, subsurface techniques, sedimentary processes and environments, recent sediments. Field trips. Two-hour lecture; three-hour lab.
- 361 Hydrogeology**.....3 cr
Prereq: GEOS 200, MATH 114 or consent of instructor.
Freq: Alternate Springs.
 Surface water hydrogeology; runoff and stream flow; groundwater hydrogeology: distribution of ground water, aquifer properties, local and regional ground water flow, geology of ground water occurrence; aqueous chemistry, water quality. Field trips. Three-hour lecture.
- 370 Field Studies in Regional Geology**1-4 cr
Prereq: GEOS 102 and consent of instructor.
Freq: Alternate 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**1-4cr
Prereq: None. Freq: Occasionally
 Selected topics in Geology will be examined. May be repeated for credit with different topic.
- 420 Glacial Geology**.....4 cr
Prereq: GEOS 102 or consent of instructor.
Freq: Alternate Springs.
 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**.....3 cr
Prereq: GEOS 331 or equivalent. Freq: Alternate Springs.
 Solution chemistry; aqueous chemical speciation, organic chemistry; contaminant-sediment interaction; contaminant fate and transport. Field trip. Two-hour lecture; three-hour lab.

- 440 Contaminants in Terrestrial Systems**.....3 cr
Prereq: GEOS 331. Freq: Alternate Springs.
 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 440 and GEOS 361. Freq: Alternate Falls.
 A hands-on methods survey course, using EPA-referenced field and laboratory methods for evaluating contaminant levels in terrestrial and ground water systems. Students will learn and practice sampling and monitoring techniques and gain experience with chromatographic and spectroscopic techniques. Two-hour lecture; six-hour lab.
- 465 Applied Hydrogeology**.....4 cr
Prereq: GEOS 361. Freq: Alternate Springs.
 Mass transport in vadose and saturated zones; origin and behavior of inorganic and organic contaminants; investigative techniques; groundwater models; site remediation; groundwater 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: Alternate Springs.
 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 Geology**1-4 cr
Prereq: Consent of instructor. Freq: Occasionally.
 Intensive treatment of specialized areas in geology.
- 495 Senior Seminar**1 cr
Prereq: Senior standing. Freq: Fall, 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. Freq: Alternate Fall.
 Course in which students apply their knowledge in service to the community. Project may involve team work 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 up to 4 credits.
- 499 Independent Study**1-2 cr
Prereq: Consent of instructor and department chair. Freq: Fall, Spring.
 Individual investigation of selected problems in geology. 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. Freq: Summer.
 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. Additional fees required.
- 690 Special Topics in Geology**.....1-4 cr
Prereq: None. Freq: Occasionally.
 Intensive treatment of specialized areas in geology.

GERONTOLOGY

(262) 595-2146 • www.uwp.edu/academic/gerontology

Degree Offered:

None. 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.

Core Requirements

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 certification.

Required Courses:

BIOS 109	Biology of Aging	3 cr
PSYC 241	Psychology of Aging	3 cr
SOCA 326	Social Gerontology	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
HPEA 340	Aging and Wellness	3 cr
SOCA 319	Death and Dying	3 cr
	Seminars in Aging**	1cr

** Three seminars are required for 1 credit.

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.

HISTORY

Molinaro 367 • (262) 595-2316 • www.uwp.edu/academic/history

Degree Offered:

Bachelor of Arts.

Professors:

Egerton, Ph.D.; Greenfield, Ph.D.

Associate Professor:

Gellott, Ph.D. (Chair)

Assistant Professor:

Hayward, Ph.D.; Schmidt, 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, government service, politics, editing and publishing, and any other field where the ability to read, write, think, analyze, synthesize, and interpret 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 blending of traditional and innovative courses and provides students with the opportunity for both breadth and depth.

Preparation for Graduate School

A major in history provides a solid educational preparation for graduate study in law, journalism, library science or related professions. Students who are 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 non-university agencies and offices, such as the state and county historical societies and historical museums.

Requirements for the History Major

The major in history consists of a minimum of 36 credits. At least 15 credits of upper-level courses in the major must be completed at UW-Parkside. The following courses are required:

HIST 101	The United States, Origins to Reconstruction	3 cr
HIST 102	The United States, Reconstruction to Recent Times	3 cr
HIST 118	The Pre-Modern World, Ancient and Medieval Civilizations.	3 cr
or		
HIST 126	Introduction to World History from Antiquity to 1450.	3 cr
HIST 119	Europe from the Commercial to the Industrial Revolution, 1500-1815.	3 cr
or		
HIST 127	Introduction to World History from 1450 to 1800	3 cr
HIST 120	Modern Europe in the Industrial Era, 1815-Present.	3 cr
or		
HIST 128	Introduction to World History from 1800 to the Present.	3 cr
HIST 350	Historiography and Historians	3 cr

Elective Courses: 15 credits, of which at least 12 must be chosen from courses at the 300 or 400 level.

In addition to the above required courses, those seeking certification in secondary education with a history major must complete the following:

HIST 128	Introduction to World History from 1800 to the Present.	3 cr
HIST 247	Evolution of Latin America.	3 cr
HIST 251	Modernization of East Asia.	3 cr

Requirements for the History Minor

Requirements for the history minor consist of a minimum of 18 credits, to be completed as follows:

- Two courses from the following: HIST 101, 102, 118, 119, 120, 126, 127, 128 and 250.
- Electives: 12 credits from courses above the 100 level, of which at least 6 credits are from the 300 or 400 level.

Teacher Licensure

Students seeking teacher licensure in the history major or minor must fulfill Wisconsin Department of Public Instruction requirements; therefore, their course requirements may differ from those of the non-teaching major and minor. Consult the history department's teacher education liaison for the current teaching major and minor requirements. Information about the teacher education program and additional requirements for licensure can be obtained from the teacher education adviser at (262) 595-2100.

Courses in History (HIST)

101 The United States, Origins to Reconstruction3 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 Times3 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 an urban, industrial, multiethnic world power.

111 Introduction to Women's Studies:

Women in History3 cr

Prereq: None. Freq: Alternate Springs.

This course considers important characters and events in various historical periods from Ancient Greece to the Modern World. A diversity of culture (i.e. European, African, Asian, indigenous American) is considered. (Cross-listed as WOMS 111.)

118 The Pre-Modern World,

Ancient and Medieval Civilizations3 cr

Prereq: None. Freq: Fall

Surveys the classical and medieval antecedents of modern European economic, social, and political institutions and culture.

119 Europe from the Commercial to the

Industrial Revolution, 1500-1815.....3 cr

Prereq: None. Freq: Fall, Spring

Surveys Europe's evolution from an agrarian to a commercial and emerging industrial society; emphasizes changing socioeconomic, political, and cultural institutions and ideas.

120 Modern Europe in the Industrial Era,

1815 to the Present.....3 cr

Prereq: None. Freq: Fall, Spring.

Focuses on the completion of industrialization and urbanization, their impact upon society, culture, and politics, the rise of totalitarianism and social democracy, and the causes and effects of two world wars and the Cold War.

126 Introduction to World History from

Antiquity to 14503 cr

Prereq: None. Freq: Every 3rd semester.

The rise of major civilizations; an examination of their institutions and cultures; and their interaction with each other and with neighboring societies.

127 Introduction to World History from

1450 to 18003 cr

Prereq: None. Freq: Every third semester.

The rise of Europe to world dominance and its consequences from the time of Columbus down to the industrial revolution and the French Revolution.

128 Introduction to World History from

1800 to the Present.....3 cr

Prereq: None. Freq: Every third semester.

The growth of European global domination from the Industrial Revolution through World War II, the subsequent superpower rivalry and its consequences; and recent independence movements in the developing world.

180 Popular Culture3 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.

201 Technology and Work in Modern America3 cr

Prereq: None. Freq: Occasionally.

An examination of technological change and its impact on work in the United States, concentrating on the social and economic forces that shape the world of work.

210 Blues As History and Culture3 cr

Prereq: None. Freq: Yearly.

A social and cultural history of the blues, emphasizing the African-American experience in the Mississippi Delta and in post-World War II migration to Chicago.

213 American Church History.....3 cr

Prereq: None. Freq: Occasionally.

A survey of the wide variety of religions and Christian denominations in America from the colonial period to the present.

221 The Beginnings of Science and

Scientific Revolution To 17503 cr

Prereq: None. Freq: Fall.

Traces the origin, decline, and revival of early science, the Scientific Revolution, the Newtonian Synthesis and early scientific processes.

222 History of Modern Science-Since 1750.....3 cr

Prereq: None. Freq: Spring.

Traces physical theory from Dalton's atoms to the atomic bomb, and biological theory from Lamarck's evolution to DNA. Compares scientific advancement in different cultures and political systems.

225 Environmental History of North America3 cr

Prereq: None. Freq: Spring.

The use of resources and transformation of the environment, from the early explorers to modern industries, including development of concern for conservation and preservation.

- 236 Women in Modern Society**3 cr
Prereq: Sophomore standing. Freq: Occasionally.
 Surveys the social and demographic patterns of preindustrial society, then 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.
- 247 Evolution of Latin America**.....3 cr
Prereq: None. Freq: Fall.
 Broad topical survey of Latin America from pre-Columbian civilizations to the present.
- 250 Sources and Methods in History**.....3 cr
Prereq: None. Freq: Fall.
 Familiarizes students with ways of studying history, basics of historical method in research and writing, mechanics of archival and library research, oral history and philosophies of history.
- 251 Modernization of East Asia**.....3 cr
Prereq: None. Freq: Occasionally.
 Traces the impact of Westernization and industrialization in China, Japan and other East Asia countries from the middle of the 19th century to the present.
- 260 International Conflict**3 cr
Prereq: None. Freq: Yearly.
 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.
- 262 Historic Patterns of Peace and Warfare**3 cr
Prereq: None. Freq: Fall.
 History of patterns of conflict and resolution by diplomacy or war from antiquity down to recent times. Worldwide perspective, but some emphasis on Western civilization.
- 290 Special Topics in History**.....1-4 cr
Prereq: None. Freq: Yearly.
 Selected topics in history will be examined.
- 291 Topics in Multicultural History**3 cr
Prereq: None. 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: Junior standing or consent of instructor. Freq: Fall.
 Examines the historical evolution of the "American people" and culture out of the interaction among diverse ethnic elements from initial contacts to the end of the frontier. Attempts to make concrete the concepts of ethnicity and to explore their relationship to socioeconomic, political and diplomatic developments.
- 302 Race/Ethnicity: United States of America
 1890 to the Present**.....3 cr
Prereq: Junior standing or consent of instructor. Freq: Spring.
 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 as ETHN 302.)
- 307 History of Wisconsin**3 cr
Prereq: Junior standing. 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.
- 312 The United States as a World Power:
 Russia, Japan or China**.....3 cr
Prereq: HIST 250. Freq: Occasionally.
 Examines the transformation of the United States from colony to superpower over the past two centuries, primarily by focusing upon its interaction with either Russia, Japan or China. May be repeated for credit when a different country is studied.
- 313 Imperialism**.....3 cr
Prereq: Junior standing or consent of instructor. Freq: Occasionally.
 Origins, development, and decline of the "New Imperialism" in Africa, Asia and Latin America since 1870.
- 314 Technology and Civilization**3 cr
Prereq: None. Freq: Occasionally.
 An examination of the evolution and growth of technological society in Western Europe and the United States and their interactions with non-Western societies.
- 320 Germany 1848 to the Present**3 cr
Prereq: HIST 250 or consent of instructor. Freq: Alternate years.
 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 post-war era.
- 323 Labor History of the United States**3 cr
Prereq: Sophomore standing. Freq: Yearly.
 Investigates the impact of industrialization upon the American labor force, and its efforts to share the benefits of industrialization through organization and political action.
- 324 History of American Politics**.....3 cr
Prereq: Junior standing 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 political science and sociology. Emphasis on the causes and nature of political change.

- 325 American Economic History**3 cr
Prereq: ECON 120 and ECON 121, or consent of instructor.
Freq: Yearly.
 Growth of the American economy from colonial times to the present. (Cross listed as ECON 325.)
- 330 The Evolution of Pre-Modern Russia**.....3 cr
Prereq: HIST 250 or consent of instructor. *Freq:* Alternate Falls.
 Describes Russia in the heyday of serfdom and discusses its 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: Sophomore standing or consent of instructor.
Freq: Alternate Springs.
 Approaches chronologically and topically the modern political, cultural and economic systems created in Russia since 1917.
- 333 Contemporary American Immigration**.....3 cr
Prereq: None. *Freq:* Yearly.
 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 which immigration is changing the nation and the world. Includes models of assimilation, political participation, and psychological and cultural considerations. (Cross listed as ETHN 333.)
- 337 African-American History**.....3 cr
Prereq: None. *Freq:* Yearly.
 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 as ETHN 337.)
- 339 American Colonial History**3 cr
Prereq: HIST 101, 250. *Freq:* Spring.
 An in-depth study of America from the explorers to the Revolution.
- 341 The Urbanization of the United States**3 cr
Prereq: HIST 250 and junior standing, 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.
- 344 Gilded Age and Progressive Era, 1877-1917**3 cr
Prereq: HIST 250 or consent of instructor. *Freq:* Alternate 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 Turmoil, 1917-1945**3 cr
Prereq: HIST 250 or consent of instructor. *Freq:* Alternate years.
 Focuses on the nation's large-scale efforts to come to grips with the problems of urban, industrial, multicultural life; examines Progressivism, World War I, the Twenties, the New Deal and World War II.
- 346 Recent America, 1945 to the Present**3 cr
Prereq: HIST 250 or consent of instructor. *Freq:* Alternate years.
 Examines America's response to a mass production economy, the rise of metropolitanism, and world power, from Truman to Reagan.
- 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 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.
- 355 Evolution of Modern China**.....3 cr
Prereq: HIST 250 or consent of instructor. *Freq:* Occasionally.
 Briefly surveys the contributions of the major dynasties to Chinese civilization and discusses in greater depth China's evolution from imperial state to the present Communist nation.
- 357 Emergence of Modern Japan**.....3 cr
Prereq: HIST 250 or consent of instructor. *Freq:* Occasionally.
 Describes Japan's evolution from the closed system prior to Perry's arrival in the 1850s to the modern industrialized Japan of today.
- 361 Nineteenth Century Europe 1815-1870**3 cr
Prereq: HIST 120 and 250, or consent of instructor.
Freq: Occasionally.
 European society and politics from the Congress of Vienna to the Unification of Germany. Topics include political and social revolutions of 1830 and 1848, the rising tide of nationalism, Marxism, the Industrial Revolution and the modernization of European society.
- 362 Nineteenth Century Europe 1870-1914**3 cr
Prereq: HIST 120 and 250, or consent of instructor.
Freq: Occasionally
 European politics and society from the unification of Germany through World War I. Topics include the Second Industrial Revolution, the revolt vs. reason, imperialism, nationalism, socialism, women's rights movement, and the origins of World War I.
- 363 Europe Between the Wars: 1919-1939**.....3 cr
Prereq: HIST 120 and 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 and 250, or consent of instructor.
Freq: Alternate 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.
- 373 Social History of Europe**3 cr
Prereq: HIST 250 or consent of instructor. Freq: Occasionally
 Examines various aspects of the evolution of the society of modern Europe, with emphasis on the impact of industrialization and modernization.
- 490 Special Topics in History**3 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: Junior standing 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**1-12 cr
Prereq: HIST 250 or consent of instructor. Freq: As arranged.
 Research and administrative work at non-university agencies and offices, such as the state and county historical societies. Available to qualified history majors under supervision of individual instructors. May be repeated for a maximum of 12 credits with up to 6 credits toward the major.
- 499 Independent Study**1-5 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.

HONORS PROGRAM

Molinaro 367 • (262) 595-2101 • www.uwp.edu/academic/honors

Student Publication:

Journal of the Honors Program.

Program Overview

The Honors Program is a university-wide program that encourages and rewards excellence. Students who complete all of the requirements receive recognition at graduation and on their transcripts. To enroll in honors courses or begin honors projects or thesis work, students must first be admitted to the program. Admission is granted by the program steering committee. Applications are accepted every semester. Contact the Honors Program director for more details.

The Honors Program 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.

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 3.50 or better and must have completed at least 12 credits of college work. All applicants must submit a writing sample and a letter of recommendation from a faculty member from this or another institution. Students transferring from another institution may receive up to 9 credits toward the honors program. Transferred honors credits must be approved by the director.

Requirements for the Honors Program

To receive official transcript designation and recognition at graduation, students admitted to the Honors Program must acquire 24 credits in honors course work, including 3-6 hours of honors thesis work. In addition to the honors thesis work, students may acquire credits by taking honors seminars, completing honors projects in regularly scheduled UW-Parkside courses, or enrolling in honors sections of regularly scheduled UW-Parkside courses. All honors course work must be completed with a grade of B-plus or better.

In order to receive honors credit for an existing 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 6 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 the honors section of GNED 101 University Seminar. The 2-credit course will then be applied to the total number of credits needed to complete the honors program.

For more information about the honors program, contact the director.

Courses in the Honors Program (HONS)

- 290 Special Topics3cr
Prereq: Admission to Honors Program and consent of director.
- 490 Special Topics3 cr
Prereq: Admission to Honors Program and consent of director.
Freq: Occasionally.
Selected topics of interest will be examined.
- 494 Honors Internship1-3 cr
Prereq: Admission to Honors Program and consent of director.
Freq: Occasionally.
Community work experience with the investigation of an academic question. Students will engage in field work to obtain material for an applied research project.

UNDERGRADUATE PROGRAMS

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.

497 Honors Thesis3-6 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 for a maximum of 6 credits.

499 Independent Study1-3 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 not be repeated for credit.

HEALTH, PHYSICAL EDUCATION AND ATHLETICS

Sports & Activity Center 2nd Floor • (262) 595-2308 or 595-2245

www.uwp.edu/academic/hpea

Degree Offered:

Bachelor of Science.

Associate Professors:

Lyter, Ph.D. (Chair)

Clinical Associate Professors:

Draft, M.S. (Associate Athletic Director);

Kilps, ATC-L/M.S. (Coach)

Clinical Assistant Professors:

Curtis, ATC-L/M.S.E.(Athletic Trainer); Koch, M.S. (Coach);

Miller, M.S. (Aquatic Director); Rosa, B.S. (Coach)

Lecturer:

Williams, S., M.S. (Wellness Center Coordinator)

Visiting Assistant Professors:

Schoepfer, J.D.; Johnson, Ph.D.

Specialists:

Williams, D., M.S. (Acting Athletic Director); Reed, B.A.

(Facility Director); Archuleta, M.S. (Coach); DeWitt, M.S.

(Coach); Fabiano, B.S. (Coach); Falk-Day, B.A. (Intramural

Coordinator); Fillipp, B.S. (Coach); Knight, B.S. (Coach);

Kratochvil, B.A. (Sports Information Director);

Olsen, M.Ed. (Coach); Wolter, B.S. (Coach)

Professional Accreditations or Memberships:

National Collegiate Athletic Association - Division II, Great Lakes Valley Conference.

Student Organizations/Clubs:

Student-Athlete Advisory Committee, Sport & Fitness Management Club.

Career Possibilities:

Majors can find employment within the sport or fitness field including educational institutions, amateur and professional sport organizations, health and fitness centers and the sporting goods industry. Careers include marketing, administration, coaching, program development, consulting, journalism and public relations.

Department Overview

The Health, Physical Education and Athletics Department (HPEA) offers a major in either sport or fitness management as well as certificates in coaching, sport management, and fitness management. The sport and fitness management core program is designed to create a foundation in management, business, mar-

keting, legal, and accounting principles that can be applied to the sport and fitness industry. Students entering the program are required to select either a sport or a fitness concentration to complete the remainder of the specialized course work.

The certificates are designed to supplement an existing major with career-specific course work to enhance employment opportunities.

In addition, the curriculum provides education in lifetime wellness and a variety of lifetime activities stressing awareness, knowledge and skills to promote lifelong wellness and improved quality of life.

The Sports & Activity Center houses the HPEA curriculum, recreation and athletic programs. The facility opened in the fall of 2000 and consists of both new and remodeled spaces. Indoor space includes the DeSimone Gymnasium and the Petretti Fieldhouse containing tennis, volleyball, badminton and basketball courts as well as a 200-meter track. In addition, there is the Carmelo D. Tenuta Hall including classrooms, a weight room, dance studio, racquetball courts, multi-purpose room, combative room, Wellness Center, eight-lane pool, and equipment room. Outdoor space includes eight soccer fields; Red Oberbruner baseball diamond; Case Softball Complex; 400-meter, all-weather track; six tennis courts, and the Wayne E. Dannehl National Cross Country Course.

The athletics program provides intercollegiate competition in the National Collegiate Athletic Association – Division II and is a member of the Great Lakes Valley Conference (GLVC), with member schools in Indiana, Illinois, Kentucky, Missouri, and Wisconsin. UW-Parkside offers athletic scholarships with recipients determined by the head coaches of the various sports. Varsity programs are offered in:

- Men's and Women's Basketball
- Men's and Women's Cross Country
- Men's and Women's Soccer
- Men's and Women's Indoor and Outdoor Track
- Men's Golf
- Women's Volleyball
- Men's Wrestling
- Women's Softball
- Men's Baseball

Preparation for Graduate Studies

Undergraduate study in the sport management concentration provides excellent preparation for graduate study in sport administration and sport law, while undergraduate study in fitness management concentration provides preparation for advanced study in such areas as physical therapy, occupational therapy, medical school, and exercise science.

GPA Requirements

Students must have a minimum of a 2.0 cumulative GPA to be accepted into the sport and fitness management major. Students must have a minimum of a 2.5 major GPA to graduate with a degree in sport and fitness management.

Core Course Requirements for the Major in Sport and Fitness Management

Core Course Work (18 credits)

BUS 100	Introduction to Business	3 cr
ACCT 201	Financial Accounting	3 cr
HPEA 210	Intro to Sport and Fitness Management	3 cr
HPEA 300	Legal Issues in Sport and Fitness Management	3 cr
MGT 349	Organizational Behavior	3 cr
HPEA 450	Sport and Fitness Marketing	3 cr

Concentration options for the major (select one)

A. Sport Concentration (39 credits)

ENGL 204	Writing for Business & Industry	3 cr
COMM 250	Media Message Design	3 cr
COMM 303	Organizational Communication	3 cr
ECON 305	Economics of Sport	3 cr
HPEA 332	Issues and Ethics in Sport Management	3 cr
HPEA 330	Sport in Society	3 cr
HPEA 380	Facility Development and Management	3 cr
HPEA 400	Advanced Issues in Sport Law	3 cr
HPEA 420	Sport Business and Finance	3 cr
HPEA 495	Fieldwork in Sport Management*	3-12 cr

* Fieldwork may be completed as follows – student must have a minimum of a 2.5 major GPA to enroll in HPEA 495:

- 1) Fieldwork Only Option
12 credits (to be completed after all other required course work is completed/in students last semester).
- 2) Fieldwork/Course Option
12 credits of 300 or 400 level approved courses. A minimum of 6 credits must be in HPEA 495. Fieldwork in sport management with at least 3 of these credits in the student's last semester.

B. Fitness Concentration (43 credits)

BIOS 105	Anatomy and Physiology I	4 cr
BIOS 106	Anatomy and Physiology II	4 cr
BIOS 190	Nutrition	2 cr
HPEA 270/271	Lifetime Wellness and Lab	3 cr
HPEA 345	Prevention and Care of Athletic Injuries	3 cr
HPEA 353	Biomechanics	3 cr
HPEA 354	Physiology of Exercise	3 cr
HPEA 358	Sport and Fitness Psychology	3 cr
HPEA 410	Fitness Assessment and Prescription	3 cr
HPEA 430	Fitness Program Management	3 cr
HPEA 498	Fieldwork in Fitness Management*	3-12 cr

* Fieldwork may be completed as follows – student must have a minimum of a 2.5 major GPA to enroll in HPEA 498:

- 1) Fieldwork Only Option
12 credits (to be completed after all other required coursework is completed).
- 2) Fieldwork/Course Option
12 credits of approved 300 or 400-level courses. A minimum of 6 credits must be in HPEA 498 fieldwork in fitness management with at least 3 of these credits in the student's last semester.

Coaching Certificate Requirements

HPEA 211	Sport Safety Training and Automated External Defibrillation	1 cr
HPEA 283	Orientation to Coaching	3 cr
HPEA 301	Training Patterns	2 cr
HPEA 345	Prevention and Care of Athletic Injuries	3 cr

* Individuals who successfully complete the coaching certificate will meet WIAA requirements for coaching.

Two of the following:

HPEA Coaching Theory 2 credits each
Baseball (251), Basketball (252), Soccer (259), Softball (260), Track and Field (264), Wrestling (265), and Volleyball (266)

* Each of the coaching theory courses has a corresponding activity course (1 credit each) as a prerequisite. Baseball (115), Basketball (117), Soccer I (180), Softball (182), Track and Field (192), Wrestling (198), Volleyball (194)

Total credits 15

UNDERGRADUATE PROGRAMS

Sport Management Certificate Requirements

HPEA 210	Introduction to Sport and Fitness Management	3 cr
HPEA 300	Legal Issues in Sport and Fitness Management	3 cr
HPEA 332	Issues and Ethics in Sport Management	3 cr
HPEA 450	Sport and Fitness Marketing	3 cr
Elective	3 credits of approved 300 or 400 level coursework	3 cr
Total credits		15 cr

Fitness Certificate Requirements

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
HPEA *270	Lifetime Wellness	2 cr
HPEA *271	Lifetime Wellness Lab	1 cr
HPEA 353	Biomechanics	3 cr
HPEA 354	Physiology of Exercise	3 cr
Total credits		19 cr

Courses in Health, Physical Education and Athletics (HPEA)

- 105 Beginning Swimming I** 1 cr
Prereq: Non-swimmers only. Freq: Occasionally.
 This course is designed for non-swimmers or those who cannot swim 10 yards. Four basic strokes covered along with water safety skills.
- 106 Beginning Swimming II** 1 cr
Prereq: For those confident in deep water and with average swimming ability.
 This course is designed for those who can swim at least two lengths of the pool using two of the five basic strokes taught in the class. Elementary diving and water safety skills also covered.
- 110 Scuba Diving** 1 cr
Prereq: None. Freq: Fall, Spring.
 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). Two-hour lab. Extra fees required.
- 112 Swim for Fitness** 1 cr
Prereq: Consent of instructor or ability to swim a minimum of 100 yards using any stroke. Freq: Fall, Spring.
 Improve cardiovascular fitness through swimming. Additional swimming outside of class is required. Not appropriate for weak or non-swimmers. Two-hour lab.

- 113 Badminton** 1 cr
Prereq: None. Freq: Occasionally.
 Introduction to basic skills, rules, proper court position and conditioning. Two-hour lab.
- 115 Baseball** 1 cr
Prereq: None. Freq: Occasionally.
 Introduction to fundamental skills and the elements of position play. Two-hour lab.
- 117 Basketball** 1 cr
Prereq: None. Freq: Spring.
 Practical experience in fundamentals and team play. Two-hour lab.
- 123 Bowling I** 1 cr
Prereq: None. Freq: Fall, Spring.
 Fundamentals of duck-pin and ten-pin bowling. Practice in local centers. Two-hour lab.
- 124 Bowling II** 1 cr
Prereq: HPEA 123 or consent of instructor. Freq: Fall, Spring.
 Continuation of Bowling I but with a special emphasis on advanced techniques which require a minimum background in bowling.
- 130 Relaxation** 1 cr
Prereq: None. Freq: Fall, Spring
 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.
- 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. Two-hour lab.
- 138 Jogging for Fun & Fitness** 1 cr
Prereq: None. Freq: Fall, Spring.
 To teach students proper running techniques, working with pulse rates, how to test themselves, and foot care.
- 139 Disc Golf** 1 cr
Prereq: None. Freq: Fall, Spring
 To provide the student with the knowledge and skills needed to play disc golf. Students also learn the rules so they can play at a competitive level.
- 141 Golf I** 1 cr
Prereq: None. Freq: Fall, Spring.
 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. Two-hour lab.
- 142 Golf II** 1 cr
Prereq: HPEA 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: Fall, Spring.
Basic step aerobics fundamentals and medium impact levels of cardiovascular development.
- 144 Step Aerobics II**1 cr
Prereq: HPEA 143. Freq: Fall, Spring.
Advanced techniques in Step Aerobics to develop high-level skills and fitness.
- 149 Aerobics I**.....1 cr
Prereq: None. Freq: Fall, Spring.
Provides a study of aerobic dance, exercise theory and techniques.
- 150 Aerobics II**1 cr
Prereq: HPEA 140. Freq: Fall, Spring.
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: Fall, Spring.
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: HPEA 157 or consent of instructor Freq: Fall, Spring.
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: HPEA 158 or consent of instructor Freq: Fall, Spring.
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.
- 167 Racquetball I**.....1 cr
Prereq: None. Freq: Fall, Occasionally.
Practice in fundamentals of stroke and hand techniques through various types of drills for all levels of ability; rule interpretation; and single and double play. Two-hour lab.
- 168 Racquetball II**1 cr
Prereq: HPEA 167 or consent of instructor. Freq: Occasionally.
Teach advanced racquetball techniques for students with beginning racquetball experience. Advanced tactics, strategy, shot selections and court positions are taught. Two-hour lab.
- 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 Wellness Lab**1 cr
Prereq: None. Freq: Fall, Spring, Summer.
To learn and develop a personal fitness program using the Wellness Center and to measure and evaluate personal fitness parameters.
- 178 Cross Country Skiing**.....1 cr
Prereq: None. Freq: Winterim.
Fundamentals of skiing, including equipment, conditioning, and waxing with both recreational ski jogging and competitive running a part of the program. Two-hour lab.
- 179 Aerobic Walking**.....1 cr
Prereq: None. Freq: Fall, Spring.
To learn and develop proper aerobic walking techniques and the personal fitness benefits of walking.
- 180 Soccer I**.....1 cr
Prereq: None. Freq: Alternate Springs.
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. Two-hour lab.
- 181 Soccer II**.....1 cr
Prereq: HPEA 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: Occasionally.
Fundamentals of softball, position play stressed, offensive and defensive team play presented. Two-hour lab.
- 183 Cross Training I**.....1 cr
Prereq: Consent of Instructor. Freq: Spring
This course, combining plyometrics, agility, and speed training, is designed for developing power and quickness for the athlete who competes in serious recreational leagues and amateur sports competition.
- 184 Cross Training II**1 cr
Prereq: Cross Training I, Consent of Instructor. Freq: Spring
Mid-level developmental skill for the serious recreational and amateur sports competitor (in the areas of plyometrics, agility, and speed).
- 185 Cross Training III**.....1 cr
Prereq: Cross Training I & II, Consent of Instructor. Freq: Spring
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: Cross Training I, II, III, Consent of Instructor.
High performance development in advanced skills of plyometrics, agility and speed for the serious recreational and amateur athlete.
- 188 Tennis I**.....1 cr
Prereq: None. Freq: Fall, Spring.
Fundamentals of stroke technique through drills designed for all levels of ability, rules interpretation and match play. Two-hour lab.
- 189 Tennis II**1 cr
Prereq: HPEA 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 Tennis III**.....1 cr
Prereq: HPEA 189 or consent of instructor. Freq: Occasionally.
 Tennis III is “power” tennis involving the most advanced strokes and the strategy of championship play. All students will compete in a singles and doubles tournament.
- 191 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. Two-hour lab.
- 194 Volleyball**1 cr
Prereq: None. Freq: Spring.
 Fundamentals of technique, elements of attack and defense, rules interpretation, game strategy, officiating and skill testing. Two-hour lab.
- 195 Physical Education Workshop**.....1-3 cr
Prereq: Consent of instructor. Freq: Fall, Spring, Summer.
 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: Fall, Spring.
 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. Two-hour lab.
- 198 Wrestling**.....1 cr
Prereq: None. Freq: Alternate Springs.
 Fundamental wrestling techniques, scoring, chain wrestling, strategy, teaching techniques, experience in actual matches, conditioning exercises and warm-up drills. Two-hour lab.
- 199 Yoga**1 cr
Prereq: None. Freq: Fall, Spring.
 A study of the various Yoga disciplines. Emphasis on the total health of a person through the discipline of Yoga.
- 201 Community First Aid and CPR**.....1 cr
Prereq: None. Freq: Fall, Spring.
 Training individuals to act in emergency situations, being able to recognize and control life-threatening situations including sudden illness and injuries. Includes cardio-pulmonary resuscitation (CPR).
- 210 Intro to Sport and Fitness Management**3 cr
Prereq: None. Freq: Fall, Spring.
 This introductory course will provide an overview of the sport and fitness management industry. Emphasis will be placed on basic management principles and career opportunities.
- 211 Sport Safety Training and Automated External Defibrillation**1 cr
Prereq: None.
 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.

- 232 Lifeguard Training**2 cr
Prereq: Ability to swim 500 yards continuously using the front crawl with rhythmic breathing. Freq: Spring.
 To teach lifeguard skills and knowledge needed to prevent and respond to aquatic emergencies. Upon successful completion American Red Cross certifications will be issued.
- 233 Water Safety Instructor**2 cr
Prereq: Swimmer level skills, current emergency water safety or current lifeguard training certification. Freq: Occasionally.
 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, two-hour lab.
- 240 Ballet**.....2 cr
Prereq: None. Freq: Fall, Spring.
 Ballet offers the student the opportunity to get in shape and achieve positive personal goals through the study of classical ballet technique, terminology and style.
- 242 Jazz Dance**.....2cr
Prereq: None. Freq: Fall, Spring.
 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.

251-266 COACHING THEORY

- 251 Baseball**.....2 cr
Prereq: HPEA 115 or consent of instructor. Freq: Alternate Falls.
 A study of the techniques necessary to organize, administer, and teach above activity for interscholastic competition. All courses coeducational. Two-hour lecture.
- 252 Basketball**.....2 cr
Prereq: HPEA117 or consent of instructor. Freq: Spring.
 A study of the techniques necessary to organize, administer, and teach above activity for interscholastic competition. All courses coeducational. Two-hour lecture.
- 259 Soccer**.....2 cr
Prereq: HPEA180 or consent of instructor. Freq: Alternate Springs.
 A study of the techniques necessary to organize, administer, and teach above activity for interscholastic competition. All courses coeducational. Two-hour lecture.
- 260 Softball**.....2 cr
Prereq: HPEA 182 or consent of instructor. Freq: Alternate Falls.
 A study of the techniques necessary to organize, administer, and teach above activity for interscholastic competition. All courses coeducational. Two-hour lecture.
- 264 Track and Field**2 cr
Prereq: HPEA192 or consent of instructor. Freq: Alternate Springs.
 A study of the techniques necessary to organize, administer, and teach above activity for interscholastic competition. All courses coeducational. Two-hour lecture.
- 265 Wrestling**.....2 cr
Prereq: HPEA 198 or consent of instructor. Freq: Alternate Springs.
 A study of the techniques necessary to organize, administer, and teach above activity for interscholastic competition. All courses coeducational. Two-hour lecture.

- 266 Volleyball**2 cr
Prereq: HPEA 194 or consent of instructor. Freq: Alternate Falls.
 A study of the techniques necessary to organize, administer, and teach above activity for interscholastic competition. All courses coeducational. Two-hour lecture.
- 268 Officiating Team and Dual Sports**2 cr
Prereq: None. Freq: Occasionally.
 Rule interpretations and techniques of officiating; practice in actual officiating required. Graduates are eligible for certification by the WIAA as an official and by the intramural board for university officiating.
- 270 Lifetime Wellness**2 cr
Prereq: Concurrent registration in HPEA 271.
Freq: Fall, Spring, Summer.
 Provide the necessary knowledge and skills to develop a personal fitness/wellness program and to achieve greater life-long health and wellness.
- 271 Lifetime Wellness Lab**1 cr
Prereq: Concurrent registration in HPEA 270.
Freq: Fall, Spring, Summer.
 Learn and develop a personal fitness program using individually selected lab techniques to measure and evaluate personal fitness parameters.
- 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.
- 290 Special Topics in Physical Education**1-4 cr
Prereq: None. Freq: Occasionally.
 Selected topics in physical education will be examined.
- 291 Wrestling Officiating Certification**2 cr
Prereq: None. Freq: Occasionally.
 Rule interpretations and technique of officiating. Practical experience in officiating is required. The final examination will certify the students for WIAA certification.
- 292 Basketball Officiating Certification**2 cr
Prereq: None. Freq: Occasionally.
 Prepare students who aspire to coach and/or officiate basketball games at the elementary, middle, and secondary levels in the greater UW-Parkside community.
- 300 Legal Issues in Sport and Fitness Management**3 cr
Prereq: Junior/senior status. 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 ramifications of those issues, and the means of limiting liability of sport and fitness organizations.
- 301 Training Patterns**2 cr
Prereq: None. Freq: Spring.
 Fundamental principles of conditioning, including marathon, Fartlek, interval, repetition, speed and weight training. Two-hour lab.
- 305 The Economics of Sports**3 cr
Prereq: Intro course in economics or consent of instructor.
Freq: Fall (odd years).
 Economic issues in professional sports: labor relations, player salaries, ticket prices, franchise values, competitive balance, stadium financing, and market structure. (Cross-listed as ECON 305.)
- 321 Women's Health Issues**3 cr.
Prereq: Junior/senior status. Freq: Spring (even years).
 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 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. American Red Cross certified in adult CPR and first aid.
- 324 Games, Play and Physical Education PK-3**3 cr
Prereq: TEDU 215, 301; admission to Teacher Education.
Freq: Summer.
 Contributions of play, games and physical education to development in early childhood; curriculum, methods, and materials that maximize physical, social, personal, motor and cognitive health.
- 330 Sport in Society**3 cr
Prereq: None. 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.
- 332 Ethics and Issues in Sport Management**3 cr
Prereq: Junior/senior status. Freq: Spring.
 A study of ethical and behavioral issues as they relate to current issues and problems in sport management including areas of academic athletic counseling, diversity, media, athletes as role models, and ethical dilemmas confronting professionals in sport management.
- 340 Aging and Wellness**3 cr
*Prereq: HPEA *270 and *271; or BIOS *109, or consent of instructor. Freq:*
 The course addresses the health needs of an aging population covering the multifaceted dimensions of wellness and the ensuing effects on the aging process, as well as the biological, psychological, social, and political factors affecting the health of a diverse aging population.

- 345 Prevention and Care of Injuries3 cr**
Prereq: None. 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.
- 348 Health/Physical Education for Elementary/Middle Teachers3 cr**
Prereq: Admission to Teacher Education. Freq: Fall.
 Study and analysis of problems and methods in organization, administration, teaching, and curriculum construction for grades 1-9 in health and physical education. Includes school visitation, gym, lab experience and class project.
- 352 Physical Education Techniques2 cr**
Prereq: None. Freq: Fall, Spring.
 Designed to acquaint the student with various methods of conducting the instructional period in physical education and teaching aids; the underlying principles basic to sound teaching practices; and practical experience as teacher aids to instructional staff. One-hour lecture; two-hour lab.
- 353 Biomechanics3 cr**
Prereq: BIOS 105 and 106; MATH 111. Freq: Fall.
 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.
- 354 Physiology of Exercise3 cr**
Prereq: BIOS 105, 106, MATH 111. Freq: Spring.
 A study of the physiological changes of the human body, during and after exercise, and their implications to human performance.
- 355 Physiology of Exercise Lab1 cr**
Prereq: HPEA 354 or concurrent enrollment. Freq: Occasionally.
 Provides students the opportunity to apply fundamental techniques of physiology of exercise.
- 358 Sport and Fitness Psychology3 cr**
Prereq: None. Freq: Fall.
 Course integrates theory and application of psychological dynamics impacting exercise and sport participants. Covers areas such as personality, motivation, program adherence and retention for individuals and teams/groups.
- 365 Personal, School, and Community Health2 cr**
Prereq: None. Freq: Occasionally.
 An introductory course concerned with problem issues in health and hygiene. Problems involving pollution, drugs, nutrition, disease, sanitation, and personal safety. Two-hour lecture.
- 380 Facility Development and Management3 cr**
Prereq: Junior/Senior status. Freq: Fall.
 A study of the planning, development, and management of sport and fitness facilities including financial planning, architectural design, function, budget, and personnel management.
- 390 Special Topics1-4 cr**
Prereq: None. Freq: Occasionally.
 Selected topics in Sport and Fitness Management.
- 400 Advanced Legal Issues in Sport Management3 cr**
Prereq: HPEA 300. Freq: Spring
 An in-depth study of the relationship between sport management and the law. Topics to be covered include labor law, antitrust law, contract law, collective bargaining, amateur athletics, constitutional law and tort liability.
- 410 Fitness Assessment and Prescription3 cr**
Prereq: HPEA 353, 354, or consent of instructor. Freq: Fall
 Provides the knowledge and skills to assess, analyze, and prescribe appropriate fitness and health behavior programs for diverse population.
- 420 Sport Business and Finance2 cr**
Prereq: Junior/senior status. Freq: Spring.
 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.
- 430 Fitness Program Management3 cr**
Prereq: HPEA 353, 354, 410 or consent of instructor. Freq: Spring.
 Utilizes theoretical considerations and practical applications for planning, developing and managing health and fitness organizations. Includes the management of personnel, the facility, marketing, and programming.
- 445 Recognition and Advanced Treatment of Athletic Injuries3 cr**
Prereq: HPEA 345 or consent of instructor. Freq: Alternate Springs.
 Advanced study of the latest modalities in recognition and treatment of athletic injuries in the training room and on the playing field.
- 450 Sport and Fitness Marketing3 cr**
Prereq: HPEA 210, Junior/senior status. Freq: Fall.
 A study of basic marketing concepts with applications to sport and fitness organizations. Topics include promotions and public relations, sponsorship, endorsements, consumer demographics, consumer behavior and market research. Included is the development of a detailed marketing plan for a sport or fitness enterprise.
- 490 Special Topics1-3 cr**
Prereq: None. Freq: Fall, Spring, Summer.
 Selected topics in physical education will be examined.
- 491 Varsity Sports Field Experience1 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 Internship1-3 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 Management1-12 cr

Prereq: Completion of SFMT major course work with minimum major GPA of 2.50. Freq: Fall, Spring, Summer.

A supervised field-based experience to provide applicable experience in the conditions, practices, and environmental settings where aspired vocational roles are conducted. Placement and approval by sports and fitness management training coordinator/department chair.

496 Directed Studies.....1-3 cr

Prereq: Consent of instructor. Freq: Occasionally.

Directed independent work under the guidance of the supervising professor. May be repeated for credit.

498 Fieldwork in Fitness Management1-12 cr

Prereq: Completion of SFMT major course work with minimum major GPA of 2.50. Freq: Fall, Spring, Summer.

A supervised field-based experience to provide applicable experience in the conditions, practices, and environmental settings where aspired vocational roles are conducted. Placement and approval by SFMT coordinator/department chair.

499 Independent Study1-3 cr

Prereq: Consent of instructor and department chair.

Freq: Fall, Spring.

Independent work in specific areas under faculty supervision.

HUMANITIES

Communication Arts 235 • (262) 595-2139 • www.uwp.edu/academic/humanities

Degree offered:

Bachelor of Arts.

Director:

M. Mullen, Ph.D.

Extended Degree Coordinator:

F. Kavenik, Ph.D.

See individual departments for faculty teaching courses.

Career Possibilities:

There are many possible careers for humanities graduates, depending on how students plan their course work.

Department Overview

Humanities is a broadly interdisciplinary program focusing on the expression of values and ideals in human culture. It concerns itself with literature and the arts, religion and philosophy, and political and social institutions. Its emphasis is not so much on acquiring a body of accepted knowledge or skills. Rather, it encourages students to ask critical questions and make informed assessments.

Humanities is a flexible degree program. After the completion of foundational course work, students define their own plans of study—drawing from a range of on- and off-campus course offerings—in consultation with their advisers. Additionally, students transferring up to 60 credits into the university may choose the humanities major as a degree-completion option.

Program Competency Areas

Aesthetics

- The ability to “read” and interpret verbal and non-verbal texts and imagery
- The ability to articulate/explicate aesthetic judgments.
- The ability to reflect on the importance of artistic and humanistic pursuits to human existence.

Communication

- The ability to communicate effectively using the media of the 21st century.
- The ability to integrate academic knowledge with real-life experience.
- The ability to work effectively with others in a variety of communication situations.
- The ability to understand the importance of language, rhetoric, praxis, and action in shaping thought and decision making.

Epistemology

- The ability to reflect critically on how religions and other value systems shape cultural norms.
- The ability to reflect critically on notions of validity and truth.
- The ability and willingness to question how and why we know.

Ethics

- The ability to reflect on what it means to be human.
- The ability to articulate/explicate moral judgments.
- The ability and willingness to explore issues and events from a variety of perspectives.

History

- The ability to recognize historical patterns and to see the relevance of historical events to present-day life.
- The ability to understand how planned uses for technologies are altered as those technologies are integrated into people’s lives.
- The ability to demonstrate how contemporary social issues are rooted in historical events and political choices.
- The ability to speculate in informed ways about how present-day trends might affect the future.

Interdisciplinarity

- The ability to make connections among various academic disciplines and to comprehend and participate in more than one discipline.
- The ability to reflect on the nature of interdisciplinarity itself.
- The ability to articulate the value of an interdisciplinary perspective.

Preparation for Graduate School

No special preparation beyond completion of the major is necessary to enter graduate programs in the humanities. In many cases a student may wish to enter a program in some specific field within the humanities, and in such cases specific preparation with the chosen field is desirable.

Requirements for the Major in Humanities

Thirty-four to 35 credits in courses selected in consultation with the student’s major adviser, including the following:

1. Two of HUMA 101, 102, or 103 (6 credits).
2. HUMA 200 (3 credits).

3. Two skills or research methods courses selected from appropriate departments (6 credits).
 4. A combination of humanities electives, cross-listed upper-level departmental courses (HUMA 390 or 490), additional departmental courses selected in consultation with adviser, and Humanities Colloquia (HUMA 396).* (To equal 19 credits.)
 5. One-credit capstone course (HUMA 499) in which students compile portfolios demonstrating facility with the six competency areas. This course is to be taken in the final semester before graduation.
- * In consultation with their advisers, students may count the following self-paced humanities courses toward their upper-level electives: HUMA 302, 311, 312, 321, 322, 331, 403, 413, 423, 433, 441, 442.

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 institutions, 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 institutions, literature, fine arts, religion, and philosophy from 1500 to present.
- 103 Diversity in the United States3 cr**
Prereq: None. Freq: Yearly.
A thematic and comparative approach to the history and culture of the United States, focusing on the diverse groups that comprise that culture.
- 200 Humanistic Scholarship3 cr**
Prereq: Two of HUMA 101, 102, 103 and consent of instructor. Freq: Yearly.
Introduces majors to the six humanities competency areas. Provides in-depth coverage of reading, writing, and critical thinking skills in interdisciplinary humanistic scholarship.
- 290 Special Topics1-3 cr**
Prereq: Humanities major or consent of instructor. Freq: Occasionally.
Selected topics in the humanities at the senior level. May be repeated for credit with different topic.
- 302 Development of a Global Culture.....3 cr
(self-paced course)**
Prereq: Consent of instructor. Freq: Yearly
A study of the evolution of those conditions which have encouraged the development of an international and industrial culture while also increasing global political fragmentation.
- 311 History of Industrialization in Europe
and the United States.....3 cr
(self-paced course)**
Prereq: Consent of instructor. Freq: Yearly
A survey of important historical events, technological innovations, economic changes, and social alterations during the period of the Industrial Revolution in Western Europe and America.
- 312 History of the 20th Century Industrial Revolution3 cr
(self-paced course)**
Prereq: Consent of instructor. Freq: Yearly
An examination of the emerging post-industrial society of the twentieth century, focusing upon the interaction of social, political, and economic movements with industrialism and technology.
- 321 Intellectual History of the Industrial Revolution3 cr
(self-paced course)**
Prereq: Consent of instructor. Freq: Yearly
A survey of the major ideas that heralded, accompanied, and advanced the technological, social, and cultural upheavals of the Industrial Revolution.
- 322 Intellectual History of the 20th Century
Industrial Revolution3 cr
(self-paced course)**
Prereq: Consent of instructor. Freq: Yearly
An examination of the impact of technology and industrialism on the philosophy and ideology of the 20th-century western world.
- 331 Post-Industrial Revolution Arts.....3 cr
(self-paced course)**
Prereq: Consent of instructor. Freq: Yearly
A survey of significant movements and major figures in art and literature during the period of the Industrial Revolution in Western Europe and America.
- 332 Modernism in Literature and Art of the
20th Century Industrial Revolution.....3 cr
(self-paced course)**
Prereq: Consent of instructor. Freq: Yearly
An examination of the impact of industrialization, the world wars, and related political and social changes upon the art and literature of the twentieth century.
- 390 Special Topics1-3 cr**
Prereq: Humanities major, junior status; or consent of instructor. Freq: Occasionally.
Selected topics in the humanities. May be repeated for credit with different topic.

- 396 Humanities Colloquium**1 cr
Prereq: None. Freq: Fall, Spring
 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.
- 403 Crucial Choices**.....6 cr
 (self-paced course)
Prereq: Consent of instructor. Freq: Yearly
 An investigation of crucial political and social issues such as energy and resources, international law, health, work, and leisure and they impinge on national and international policies and actions.
- 413 Culture and Civilization**.....6 cr
 (self-paced course)
Prereq: Consent of instructor. Freq: Yearly
 An investigation of the nature of culture and the interplay between culture and society in pre-modern and modern societies.
- 423 The Divided World**.....6 cr
 (self-paced course)
Prereq: Consent of instructor. Freq: Yearly
 An examination of the distinctions which have divided the modern world—religious and political ideologies, sex, class, race, ethnicity—and their relationships to world order.
- 433 The Changing Arts**6 cr
 (self-paced course)
Prereq: Consent of instructor. Freq: Yearly
 A study of modern western art forms—music, design, and film—with respect to their interaction with and influences on a technological society.
- 441 Problems in Industrial Society I**.....3 cr
 (self-paced course)
Prereq: Consent of instructor. Freq: Yearly
 An opportunity for the student to explore in greater depth a topic from HUMA 413 or HUMA 423, using local research and primary archival and/or community resources.
- 442 Problems in Industrial Society II**3 cr
 (self-paced course)
Prereq: Consent of instructor. Freq: Yearly
 An opportunity for the student to explore in greater depth a topic from HUMA 403 or HUMA 433, using local research and primary archival and/or community resources.
- 490 Special Topics**1-3 cr
Prereq: Humanities major, junior status; or consent of instructor. Freq: Occasionally.
 Selected topics in the humanities at the senior level. May be repeated for credit with different topic.
- 494 Internship**1-4 cr
Prereq: Humanities major, junior status, 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.
- 495 Humanities Topic Seminar**3 cr
Prereq: Junior status or consent of instructor. Freq: Occasionally
 Interdisciplinary, problem-focused seminar. May be repeated for credit with different topic.
- 498 Humanities Capstone**1 cr
Prereq: Graduating senior. Freq: Fall, Spring
 Portfolio-based course in which graduating seniors demonstrate facility with the six humanities competency areas.
- 499 Independent Study**1-3 cr
Prereq: Junior status and consent of instructor. Freq: Fall, Spring
 Individual study of selected topics in Humanities.

INTERDISCIPLINARY STUDIES

Wyllie 107 • (262) 595-2090

Degree Offered:

Bachelor of Arts.

Professor:

Kavenik, Ph.D. (Director)

Lecturer/Advisor:

Handrow, M.A., M.L.S., J.D.

Professional Accreditations or Memberships:

NAACE, WAACE

Career Possibilities:

The interdisciplinary studies major and leadership certificate provide organizational expertise for use in public and private sector employment settings.

Department Overview

The interdisciplinary studies major is a flexible program whose breadth insures coverage of several behavioral and social-science disciplines. The major is designed to meet the needs of students whose interests and career goals go beyond the boundaries of a single discipline. Interdisciplinary studies is a major where critical thinking and the ability to identify and interrelate meaning among a variety of broad areas and disciplines are connected to practical workplace settings and issues. Students are independent and self-directed adults with clear educational and career goals. For those interested in developing or refining their leadership skills, a separate 12-credit (four-course) certificate in leadership is available with three tracks: project management leadership, grassroots leadership, and organization leadership.

Interdisciplinary Studies Major

There are three tracks within the interdisciplinary studies major: the independently designed theme; organizational studies concentration; and women's studies concentration.

Independently Designed Theme (33-45 credits)

The distinguishing feature of the first track is the independently designed theme. Working with the interdisciplinary 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 interdisciplinary studies majors and allowed to proceed with an independently designed theme after that program of study has been drawn up in consultation with the program adviser.

Program requirements for the independently designed track of the interdisciplinary studies major are as follows. Introductory and methodology courses should be chosen as consistent with the independently designed theme.

I. Introductory Courses (6 credits)

Two introductory courses from the following list, chosen from two different disciplines:

- 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 Introduction to Physical Geography . . . 3 cr
- GEOG 105 Introduction to 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 Modern Europe in the Industrial Era, 1815 to the 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 General Psychology 3 cr
- SOCA 100 Introduction to Anthropology 3 cr
- SOCA 208 Introduction to Archaeology. 3 cr
- WOMS 110 Introduction to Women's Studies: Theory and Methodology 3 cr

II. Methodology Courses (6 credits)

At least two methodology courses from the following list are required. Either statistics course, may be counted, but not both.

- COMM 209 Communication Research Methods . . . 3 cr
- GEOG 300 Geographic Methods 3 cr
- HIST 250 Sources and Methods in History 3 cr
- POLS 200 Research Methods and Sources 3 cr
- PSYC 300 Research Methods. 3 cr
- SOCA 250 Statistics for 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.

UNDERGRADUATE PROGRAMS

III. Scope of Coverage (12 credits)

At least one 3-credit course from four of the following disciplines is required: communication, economics, geography, history, political science, psychology, sociology/anthropology, women's 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 overlap courses under sections I, III, and IV.

IV. 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

The 18 credits of the theme must meet the following requirements:

- A. 15 credits must be at the 300/400 level.
- B. No more than 12 credits can be from one single department.
- C. No more than 6 credits can be earned by directed or independent study.
- D. Introductory and methods courses cannot count toward the 18 required credits in the theme.

V. ISTD Senior Project/Independent Track (3 credits)

This course enables the student to apply the knowledge and concepts of the interdisciplinary plan of study s/he previously outlined in the thematic portfolio. Student will design rigorous senior research project, culminating in an essay of substantial length and oral presentation.

Organizational Studies Concentration

The second track of the interdisciplinary studies major is the major offered in UW-Parkside's Weekend College program. Weekend College is a degree-completion program in which students with majors in interdisciplinary studies complete the organizational studies concentration in classes held during the weekend. Students should have completed approximately 45-60 credits before enrolling in Weekend College.

Organizational studies is an interdisciplinary program designed to help students understand the structures, operations and functions of complex organizations in both public and private sectors. Faculty members from a number of disciplines including sociolo-

gy/anthropology, economics, psychology, geography, history, political science, communication, philosophy and business provide students with a multidimensional, multi-perspective, comprehensive understanding of complex organizations in our society.

I. Introductory 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

II. Methods/Statistics Courses (6 credits)

ISTD 250 Consumer Statistics 3 cr

Plus one course from the following: SOCA 295*, POLS 200, PSYC 300.

- * 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.

III. Concentration Courses (21 credits, with no more than 9 credits from any one area):**History/Political Science/Geography**

GEOG 340 Political Geography. 3 cr

HIST 201 Technology and Work in
Modern America. 3 cr

HIST/

ETHN 301/302 Race & Ethnicity in the US 3 cr

HIST 323 Labor History of the US. 3 cr

HIST/

ETHN 333 Contemporary American Immigration. . . 3 cr

POLS 202 Public Policy. 3 cr

POLS 250 Introduction to Public Administration . 3 cr

POLS 365 Theories of Public Organization. 3 cr

Economics/Business

ECON 380 The Labor Market 3 cr

HRM 343 Personnel Administration 3 cr

MGT 349 Organizational Behavior 3 cr

MGT 447 Management Techniques 3 cr

MIS 320 Management Information Systems . . . 3 cr

MKT 350 Introduction to Marketing 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 371 Occupations and Professions. 3 cr

SOCA 372 Technology and Society 3 cr

SOCA 373 Bureaucracy in Modern Society 3 cr

Communication

COMM 285	Intro to Conflict Management	3 cr
COMM 303	Organizational Communication	3 cr
COMM 305	Public Relations and Society	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

Other courses in the UW-Parkside catalog may also count for concentration credit.

IV. Capstone (3 credits)

ISTD 498	Organizational Studies Senior Seminar . .	3 cr
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Women's Studies Concentration

The third track of the interdisciplinary studies major is offered through a combination of on-campus and distance education courses offered by other participants in the UW System women's studies collaborative major (currently the UW Colleges, UW-Platteville, UW-Stevens Point and UW-Whitewater).

In order to graduate with an interdisciplinary studies major/concentration in women's studies, students must complete 30 credits in approved women's studies courses distributed as follows:

I. Introductory Courses (6 credits)

WOMS 110	Introduction to Women's Studies— Theories and Methodologies	3 cr
and		
Feminist Theories		
or		
PHIL 290	Special Topics: Introduction to Feminist Philosophy	1-4 cr

II. Concentration Courses (9 credits)

Select 3 credits from each area.

A. Humanities and Art

Approved women's studies courses from English, art, communication, dramatic arts, humanities, music, philosophy, and modern languages. Examples include but are not limited to:

COMM 315	Communication and Gender	3 cr
THEA 391	Women in Theatre	3 cr
ENGL 367	Studies in American Ethnic Lit: African-American Women Writers	3 cr
ENGL 417	Studies in English Lit: Foremothers of the British Novel. . . .	1-6 cr
ENGL 458	Studies in Film: Women in Film.	3 cr
ENGL 464	Studies in Cultural Patterns: Women and Myth	1-6 cr
ENGL 464	Studies in Cultural Patterns: Gay and Lesbian Lit	1-6 cr
ENGL 469	Studies in Women Writers.	1-6 cr
HUMA 102	Introduction to World Cultures, 1500-Present.	3 cr
PHIL 290	Special Topics: Introduction to Feminist Philosophy	1-4 cr

WOMS 112	Intro to Women's Studies: Women in Literature	3 cr
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B. Social Sciences

Approved women's studies courses from sociology, history, international studies, political science, psychology, economics, and business. Examples include but are not limited to:

HIST 235	History of Feminism.	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 230	Psychology of Human Sexuality	3 cr
PSYC 380	Psychology of Gender	3 cr
(PSYC 280 if taken before 1997)		
SOCA 207	Marriage and Family.	3 cr
SOCA 213	Gender and Society.	3 cr
SOCA 226	Peoples of Africa	3 cr
SOCA 324	African American Studies	3 cr
SOCA 354	Class, Status, and Power	3 cr
WOMS 111	Introduction to Women's Studies: Women in History	3 cr

C. Natural Sciences

Approved women's studies courses from health, physical education and athletics, biology, chemistry, physics, and environmental studies. Examples include but are not limited to:

BIOS 103	Human Biology	3 cr
HPEA 321	Women's Health Issues	1-4 cr
HPEA 330	Sport in Society	3 cr
SOCA 379	Society and Environment	3 cr
SOCA 430	Medical Sociology.	3 cr
WOMS 250	Women in Science	3 cr

III. Electives (12 credits of approved courses selected with adviser)**IV. WOMS 495 Women's Studies Seminar**

or		
WOMS 494	Internship in Women's Studies	1-3 cr
or		
WOMS 497	Women's Studies Senior Thesis	3 cr
or		
WOMS 499	Independent Study	1-3 cr

Leadership Certificate

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; be exposed to other modes of communication, identify and assess resources; work in diverse settings; and evaluate and reflect on their own situation. They will develop their own leadership style and learn how to work through civic engagement.

In order to be flexible enough to meet a variety of leadership needs, the leadership certificate program offers three separate disciplinary tracks. In each track, an introductory course is followed by two courses, with a practicum as the capstone experience. Students are required to follow at least one track to completion, although they may also take additional courses in the other tracks. All courses will be offered in weekend format, and scheduled so that students are able to complete the certificate within a calendar year.

Track I: Project Management Leadership

This track is intended for those interested in becoming effective project leaders in the workplace or the community.

ISTD 200	Introduction to Leadership	3 cr
ISTD 307	Project Planning	3 cr
ISTD 308	Project Time and Cost Management. . .	3 cr
ISTD 492	Practicum in Leadership	3 cr

Track II: Grassroots Leadership

This track is intended for those who wish to work in building civic engagement and community capacity.

ISTD 200	Introduction to Leadership	3 cr
SOCA 304	Skill Development In Leadership	3 cr
SOCA 306	Research in Community Needs	3 cr
ISTD 492	Practicum in Leadership	3 cr

Track III: Organization Leadership

This track is intended for those interested in management in the private or public sector.

ISTD 200	Introduction to Leadership	3 cr
ISTD 300	Human Resource Issues	3 cr
COMM 285	Introduction to Conflict Management. . .	3 cr
ISTD 492	Practicum in Leadership	3 cr

Courses in Interdisciplinary Studies (ISTD)

200 Introduction to Leadership3 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 Statistics3 cr
Prereq: Math through high school algebra. Freq: Fall.

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 Issues3 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 Planning3 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 Management3 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 Theories3 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 (but not limited to) 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.

492 Practicum in Leadership3 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.

- 497 **Senior Project/Independent Track**.....3 cr
Prereq: Senior standing and consent of instructor.
Freq: Fall, Spring.
This course enables the student to apply the knowledge and concepts of the interdisciplinary plan of study s/he previously outlined in the thematic portfolio. Student will design rigorous senior research project, culminating in an essay of substantial length and oral presentation.
- 498 **Organizational Studies Senior Seminar**3 cr
Prereq: Senior standing and consent of instructor. Freq: Yearly.
This capstone course will apply knowledge and concepts of organizational studies gained from the core requirements (methods, statistics and theory) and the four divisions of the concentration. Students will engage in research and communication projects which will act as a culmination of their course of study, with each student producing an independent project and thesis showing his/her understanding of organizational studies in the public and/or private sector.
- 499 **Independent Study**1-3 cr
Prereq: Consent of instructor and program director.
Freq: Fall, Spring, Summer.
Topics individually arranged.

INTERNATIONAL STUDIES

Tallent 180 • (262) 595-2701 • <http://www.uwp.edu/academic/international.studies>

Degree Offered:

Bachelor of Arts.

Professors:

Christoph, Ph.D.; Dean, Ph.D.; Greenfield, Ph.D.; Trager, Ph.D.

Associate Professors:

Gee, Ph.D. (Co-Dir., CIS); James, Ph.D. (Co-Dir., CIS); Khan, Ph.D.; Schutte, Ph.D.; Wang, Ph.D.

Assistant Professors:

Akinkes, Ph.D.; Hayward, Ph.D.; Olsen, Ph.D.

Academic Staff:

Snell, Ph.D.

Student Organizations/Clubs:

The International Studies Program coordinates with active student organizations focused on international affairs, and sponsors speakers, public forums, trips, and 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 and governmental agencies that operate in a global context. It is an especially appropriate double major or minor for students of business, the sciences, and liberal arts.

Department Overview

International Studies combines courses from departments throughout the university to create a broad, interdisciplinary program with a flexible curriculum that emphasizes the development of knowledge and analytical approaches needed to understand the contemporary global system. The program encourages both primary and double majors, and also offers a minor, 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. The program also coordinates international student and faculty exchanges, study abroad opportunities, and a variety of international activities on campus such as the Evening In and a lecture series.

Preparation for Graduate School

The international studies major provides excellent preparation for individuals interested in law or graduate school, including but not limited to graduate studies in international relations.

Internships

The program can arrange for internships and service learning agreements with organizations both domestic and international.

Requirements for the Major in International Studies

Students majoring in international studies must complete a minimum of 36 credits in addition to prerequisite courses. The requirements are:

1. Fifteen credits of introductory or prerequisite courses (most of which also satisfy general university requirements).
2. One year of college-level modern foreign language or the high school equivalent. Additional foreign language work is strongly recommended and, for those electing the world cultures option, intermediate foreign language work is required. Introductory language courses do not count toward the 36-credit requirement.
3. Twelve credits of core courses.
4. One of four 15-credit options: European Societies, Developing Nations, International Relations, or World Cultures. When appropriate, with steering committee approval, an individually designed option may be elected.
5. INTS 495, Senior Seminar in international studies.
6. Three credits from an option outside the option chosen in requirement #4.

Each student planning to major in international studies must consult regularly with an international studies faculty adviser to schedule a coherent program consonant with his/her interests. This is particularly important when selecting options.

Prerequisites

Fifteen credits, chosen from among the following groups of courses, are required of all majors. INTS 100 is the only required prerequisite course for all majors. Only one course can be taken from each group. In some cases, these courses are required for upper-level work in a particular discipline. In many cases, they fulfill general university requirements. In selecting among these courses, the International Studies Program faculty suggests that students should attempt to gain exposure to the wide range of disciplinary perspectives that comprise the program.

Group I.

ECON 120	Principles of Microeconomics	3 cr
ECON 121	Principles of Macroeconomics	3 cr

Group II.

GEOG 105	Introduction to Human Geography . . .	3 cr
GEOG 110	Introduction to Geography World Regions	3 cr

Group III.

HIST 118	Pre-Modern World: Ancient and Medieval Civilization	3 cr
HIST 119	Europe from the Commercial to the Industrial Revolution, 1500-1815. . .	3 cr
HIST 120	Modern Europe in the Industrial Era, 1815-Present.	3 cr
HIST 126	Introduction to World History, Antiquity to 1500.	3 cr
HIST 127	Introduction to World History, 1500-1800	3 cr
HIST 128	Introduction to World History, 1800-Present.	3 cr

Group IV.

HUM 101	Intro to the Humanities- World Cultures to 1500	3 cr
HUM 102	Intro to Humanities- World Cultures 1500-Present	3 cr
HUM 103	Minority Cultures.	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
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Languages

Eight college credits or the high school equivalent are required.

FREN 103 and 104	Introductory French	8 cr
GER 103 and 104	Introductory German	8 cr
SPAN 103 and 104	Introductory Spanish	8 cr

The International Studies Program faculty strongly encourages students to gain additional language competence beyond the introductory level.

Core Courses

Twelve credits, chosen from any of the following groups of courses are required of all majors. Only one course can be taken from each group.

Group I.

ENGL 246	Introduction to World Literature	3 cr
ENGL 247	Introduction to Modern World Literature	3 cr

Group II.

GEOG 215	Economic Geography	3 cr
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Group III.

POLS 304	Theories of International Relations. . . .	3 cr
POLS 350	Comparative Politics.	3 cr

Group IV.

SOCA 202	Cultural Anthropology	3 cr
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Group V.

ECON 280	Comparative Economic Systems.	3 cr
ECON 310	International Trade	3 cr
ECON 311	International Finance	3 cr

Group VI.

HIST 313	Imperialism and Modernization	3 cr
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Group VII.

MGT 446	Global Issues in Management	3 cr
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Options

Each major in international studies is required to complete a minimum of 15 credits of work in one of the following options. The courses must be selected in consultation with a faculty adviser from the International Studies Program and include work in at least three disciplines. A list of currently approved courses for each option is available from the Center for International Studies office.

Option A - European Societies:

Focus on European history, geography, politics, economics and culture.

Option B - Developing Nations:

Focus on economic, political, and cultural issues, with an emphasis on development, primarily in the Third World.

Option C - International Relations:

This option stresses the major interactions among world nations, including politics, trade, and intercultural communication.

Option D - World Cultures:

Emphasizes the humanities, including language, literature, art, and philosophy, in all world regions.

SENIOR SEMINAR INS 495 (3 CREDITS)**ELECTIVE (3 CREDITS)**

Selected from an option other than the student's chosen option.

Requirements for the minor in international studies.

Students may minor in international studies by completing any five of the core courses plus INTS 495, Senior Seminar in International Studies.

Certificate in Global Skills

The certificate in global skills is designed to assist students to understand and appreciate the impact of international affairs on their daily lives. 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 them (e.g., international trade, technological networks, international and regional organizations).

Certificate requirements:

INTS 100 Introduction to International Studies . . . 3 cr

The following 1-credit courses:

INTS 201 Global Skills Practicum –
Basic Global Skills 1 cr
INTS 202 Global Skills Practicum –
Internationalization vs Globalization . . . 1 cr
INTS 203 Global Skills Practicum –
Political and Economic Systems 1 cr
INTS 204 Global Skills Practicum –
Culture and Language. 1 cr

At least one area course chosen from the following:

ART 343 History of Modern Art 3 cr
HIST 320 Germany, 1848 to the Present 3 cr
HUM 250 Topics Non-Western Cultures. 3 cr
POLS 330 European Politics 3 cr
POLS 331 Politics of Developing Nations 3 cr
SOCA 226 Peoples of Africa 3 cr
SOCA 240 Cross Cultural Encounters 3 cr
SPAN 318 Spanish Civilization and Culture 3 cr
SPAN 319 Latin American Civilization
and Culture 3 cr

Other courses may be taken for this requirement, upon approval of the director.

INTS 492 Global Skills Seminar 1 cr

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.

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 Skills1 cr
Prereq: None. Freq: Yearly.

The Basic Global Skills Practicum helps students to develop cultural sensitivity and essential knowledge 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 -
Internationalization vs. Globalization1 cr
Prereq: None. Freq: Yearly.

Internationalization is presented as the penetration of one country by another country, corporation or international organization. Globalization involves the creation of new cooperative networks, multi-connectivity, and a shifting of the loci of power on the international level. Two interpretations of globalization will be discussed - corporate and popular.

203 Global Skills Practicum –
Political and Economic Systems1 cr
Prereq: None. Freq: Yearly.

Students will be 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 Language1 cr
Prereq: None. Freq: Yearly.

Introduction to the diversity in cultures across the world and how such diversity translates into differences in language, food, psychology, religions, family relationships and bodily expressions.

290 Special Topics in International Studies1-3 cr
Prereq: Consent of instructor. Freq: Occasionally.

Subject matter is topical. Subject varies; see current course schedule.

390 International Study Tours.....1-3 cr
Prereq: Consent of instructor. Freq: Yearly.

This serves as a preparatory course for students planning to participate in overseas study tours. Recent UW-Parkside study tours offered include Russia, China, and Ghana.

400 Non-UW-P Study Abroad 0 cr
Prereq: Enrollment in approved semester study abroad program. Freq: Fall and Spring.

This course allows students to retain their good standing at UW-Parkside while they participate in non-UW-P academic study abroad programs.

490 Special Topics in International Studies1-3 cr
Prereq: Consent of instructor. Freq: Occasionally.

Selected topics in international studies are examined. Subject varies; see current course schedule.

492 Global Skills Seminar.....1 cr
Prereq: INTS 200-203 or consent of instructor. Freq: Yearly.

Students will complete applied projects, and will present and discuss their findings in consonance with a series of assigned readings.

495 Senior Seminar in International Studies.....3 cr

Prereq: Completion of major or minimum requirements or consent of instructor. Freq: Yearly.

Major contemporary issues and problems affecting societies and cultures of the world. Focus of seminar may change from time to time to reflect students' interest and subjects of topical importance. Designed to help students integrate international studies work.

499 Independent Study1-4 cr

Prereq: Consent instructor and director.

Freq: Fall, Spring, and Summer.

Available to qualified students under supervision of instructor. Topic must be mutually agreed upon between professor and student.

MATHEMATICS

Greenquist 344 • (262) 595-2326 • www.uwp.edu/mathematics

Degree Offered:

Bachelor of Science.

Professors:

Brunner, Ph.D.; Fournelle, Ph.D.; Lee, Ph.D.; Lichtman, Ph.D.; Piele, Ph.D.

Senior Lecturers:

Pinnow, M.A.; Widup, B.A.

Lecturer:

Kohne, B.A.

Professional Accreditations or Memberships:

American Mathematical Society

Student Organizations/Clubs:

Math Club; Pi Mu Epsilon (Wisconsin Gamma Chapter)

Career Possibilities:

The future outlook for careers in mathematics remains promising, especially for those who combine their training with other specialties. A degree in mathematics with supporting work in computer science, engineering, business or economics will increase employment opportunities.

Department Overview

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 and the fascinating problems of mathematics.

Requirements for the Mathematics Major

The major in mathematics includes options in pure and applied mathematics and teaching mathematics in elementary and secondary schools. 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.

Mathematics Core

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

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 together with those listed below. They are also encouraged to broaden their mathematics background by electing additional advanced courses.

MATH 350	Introduction to Real Analysis	4 cr
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Electives:

At least two additional courses from MATH 310, 317, 367, 361, and at least two additional courses from the 400 level.

Applied Mathematics Option

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 310	Advanced Probability Theory and Statistics	4 cr
MATH 317	Differential Equations and their Applications	4 cr
MATH 350	Introduction to Real Analysis	4 cr
MATH 368	Mathematical Modeling	3 cr

Elective:

MATH 423	Complex Analysis	4 cr
or		
MATH 444	Abstract Algebra	4 cr

UNDERGRADUATE PROGRAMS

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, engineering, 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 Physics 201 requirement in the Mathematics Core. For example, mathematics business management double majors may request substitution with at least 5 credits of quantitative business management courses which use a substantial amount of mathematics, such as Quantitative Methods 310, 319, Management Information Systems 321 or 422.

Mathematics/Computer Science Double Major

The mathematics/computer science double major has been specifically designed for students with interests in both areas. This double major emphasizes the companionship between computer science and mathematics and gives students a particularly strong theoretical background in addition to a wide variety of applications. A complete description of the double major requirements may be found in the computer science catalog section.

Requirements for the Mathematics Minor

A minor in mathematics consists of MATH 221, 222, 223, 301, and at least one other 300- or 400-level mathematics course and at least one other 400-level course.

Teacher Licensure

Students seeking teacher licensure in the mathematics major or minor must fulfill Wisconsin Department of Public Instruction requirements; therefore, their course requirements may differ from those of the non-teaching major and minor. Information about the teacher education program and additional requirements for licensure can be obtained from the mathematics department liaison to teacher education and the teacher education adviser at (262) 595-2100.

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. Academic Skills 010, 015 and MATH 111 are not replacements for high school mathematics courses.

Computational Skills Requirement

Students satisfy this requirement with the completion of an introductory course in algebra or a survey course in mathematics, 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 examination results are above MATH 102 or MATH 111. Students must complete computational skills within their first 60 academic credits. Students seeking teacher licensure must complete the course that satisfies this requirement with a grade of C or better.

Mathematics Placement Examination

Upon entering the university, all students must take the mathematics placement examination administered by the Testing Office. This examination serves as a guide for placement in mathematics courses. Placement in mathematics courses is usually made at the following levels:

- 1) Essential Math Skills (ACSK 010) or Elementary Algebra (ACSK 015) or 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.

Students who have questions about their mathematics placement should consult a mathematics adviser.

Courses in Mathematics (MATH):

- 102 Survey of Mathematics.....3 cr

Prereq: ACSK 015 with a grade of C or better 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.

- 109 Introduction to Statistics3 cr

Prereq: MATH 111 or placement into MATH 112 or above. Freq: Occasionally.

The normal curve; Chi square tests; estimation of parameters; testing hypotheses; and applications.

- 111 College Algebra I4 cr

Prereq: ACSK 015 with a grade of C or better 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: 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.
- 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 trigonometric tables and fundamental identities.
- 114 College Algebra II with Trigonometry**5 cr
Prereq: 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 and inductions. Not open to those with credit in MATH 112 or 113.
- 142 Calculus with Business and Social Science Applications**3 cr
Prereq: MATH 112 or equivalent or consent of instructor. Freq: Fall, Spring.
 Topics from the Mathematics of Business and Social Science using differential and integral calculus.
- 215 Mathematics for Elementary Teachers I**3 cr
Prereq: MATH 111 or consent of instructor. Freq: Fall, Spring.
 Topics include developing the algorithms of arithmetic, numeration systems, problem solving, number theory and set theory.
- 216 Mathematics for Elementary Teachers II**3 cr
Prereq: MATH 215. Freq: Spring.
 Topics include introductory geometry, constructions, congruence, similarity, motion geometry, concepts of measurements, coordinate geometry, 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.
- 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 and introduction to ordinary differential equations.
- 223 Calculus and Analytic Geometry III**5 cr
Prereq: MATH 222 and PHYS 201, or MATH 222 and consent of instructor. 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.
- 231 Discrete Mathematics**3 cr
Prereq: MATH 221. 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, vector spaces and linear transformations.
- 303 Set Theory and Logic**3 cr
Prereq: MATH 222 or PHIL 201 and consent of instructor. Freq: Spring.
 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. (Cross listed as PHIL 303.)
- 309 Probability and Statistics**4 cr
Prereq: MATH 222 or Math 221 and 231; Freq: Spring.
 Elementary probability, random variables, properties of distributions, sampling, queuing theory, central limit theorem and law of large numbers. Not for credit toward mathematics major.
- 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, and parameter estimation.
- 317 Differential Equations and their Applications**4 cr
Prereq: MATH 222. Freq: Yearly.
 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.
- 350 Advanced Calculus**4 cr
Prereq: MATH 223, 301. Freq: Spring.
 Sets and functions, real line, least upper bound property, sequences and series, continuous functions, extreme value and intermediate value theorem, derivative, mean value theorem, Taylor's theorem, Riemann integral, iterated integral and change of variable theorem
- 361 Foundations of Geometry**3 cr
Prereq: MATH 222. Freq: Alternate years.
 Introduction to axiomatic geometry including Euclidean, non-Euclidean, and projective geometries.

- 367 Elementary Number Theory**.....3 cr
Prereq: MATH 222. Freq: Alternate years.
 Fundamental theorem of arithmetic, quadratic residues and quadratic reciprocity, number theoretic functions and diophantine equations.
- 368 Mathematical Modeling**.....3 cr
Prereq: MATH 222; MATH 250 or CSCI 242.
Freq: Alternate years.
 Survey of mathematical models, models involving differential equations, probabilistic models, Markovian models, simulation, and Monte Carlo methods. (Cross listed as CSCI 368.)
- 373 History of Mathematics**.....3 cr
Prereq: MATH 221 or consent of instructor. Freq: Alternate years.
 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: Fall.
 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 Lebesgue integral; additional topics chosen in accordance with the interests and needs of the participants.
- 423 Complex Analysis**.....4 cr
Prereq: MATH 350. Freq: Alternate years.
 Elementary functions of a complex variable; complex integrals and residue theory; conformal mapping; applications to electrostatics and hydrodynamics.
- 441 Abstract Algebra**.....4 cr
Prereq: MATH 301. Freq: Fall.
 Groups, subgroups, normal subgroups, isomorphisms, quotient groups, Cayley's Theorem, Lagrange's Theorem; rings, subrings, ideals, quotient rings, polynomial rings; review of vector spaces, fields, algebraic extensions, degree of field extensions, construction with straight edge and compass.
- 442 Topics in Abstract Algebra**.....4 cr
Prereq: MATH 441. Freq: Occasionally.
 Vector spaces and modules, linear independence and bases; 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**.....3 cr
Prereq: MATH 301. Freq: Alternate years.
 Introduction to the theory of topological spaces metric spaces, and continuous functions. The concept of the fundamental group.
- 461 Differential Geometry**.....3 cr
Prereq: MATH 301 and 350. Freq: Occasionally.
 Geometry of curves and surfaces, manifolds and tensor analysis.
- 467 Computability and Automata**.....3 cr
Prereq: MATH 231. Freq: Alternate years.
 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.
- 499 Independent Study**.....1-3 cr
Prereq: Consent of instructor and department chair.
Freq: Occasionally.

MASTER OF BUSINESS ADMINISTRATION

Molinaro 344 • (262) 595-2020 • <http://www.uwp.edu/academic/business/>

Professors:

Norton, Ph.D.; Rajan, Ph.D.; Sounderpandian, D.B.A.,
Wafa, Ph.D.; Wright, Ph.D.

Associate Professors:

Baldwin, Ph.D.; Gee, Ph.D.; Chalasani, Ph.D.; Chong, Ph.D.;
Hawk, Ph.D.; Wang, Ph.D.

Assistant Professors:

Crooker, Ph.D.; Kreissl, Ph.D.; Manion, MBA (ABD);
Owens, Ph.D.; Zameeruddin, M.S., J.D.

Lecturers:

Witt, M.B.A.

The Master of Business Administration (MBA) Program offered by the School of Business and Technology is designed to give students general management competence and to prepare candidates for successful careers in administrative and policy-making positions. Program focus is on the needs of mature students who have educational background, experience, and degree of intellectual curiosity essential to graduate-level study. The program is open to master's degree candidates and special students who meet the admission criteria. The program is typically completed in one and a half to four years. To accommodate adults who are employed, MBA courses are offered in the evenings, in an eight-week format, and occasionally on weekends during the academic year and summer.

Business Honors

Students who major in Business Management and who maintain a GPA of 3.5 or greater in all upper-level business management course work and an overall GPA of 3.0 or better will be graduated with Honors in Business Management.

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.

Goals of the MBA Program

The goals of the MBA program are to provide a graduate education that enhances the knowledge, abilities and skills necessary to assume administrative responsibilities creatively and effectively. The program 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; and act to achieve concrete results. The specific focus of the program is to provide an emphasis on broad concepts and analytical tools. The program seeks to prepare business professionals who will lead their organizations well into the future. It includes examination of the impact of both domestic and global environments on firms' operations.

Structure of the Program

The MBA program is structured in three components: foundations, required core courses, and electives. The foundations include demonstrated knowledge in fundamentals (through examination or course work). Eight required courses make up the core of the MBA 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 behavior, computers, mathematics, operations management, finance, marketing, and legal environment. The UW-Parkside program offers a graduate-level preparatory foundation course in each of these areas. To waive course work in meeting prerequisites, students must have completed and passed an undergraduate equivalent. 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 701	Accounting (3 cr)	ACCT 201 (3 cr) and ACCT 202 (3 cr)
MBA 711	Statistics (2 cr)	QM 210 (3 cr)
MBA 714	Intro. Prod/Oper Management (2 cr)	QM 319 (3 cr)
MBA 722	Systems Concepts (2 cr)	MIS 320 (3 cr)
MBA 731	Managerial Finance (2 cr)	FIN 330 (3 cr)
MBA 740	Organizational Behavior (2 cr)	MGT 349 (3 cr)
MBA 751	Marketing Principles (2 cr)	MKT 350 (3)
MBA 772	Legal Environ of Business (2 cr)	BUS 272 (3 cr)
ECON 761	Economics (2 cr)	ECON 120 (3 cr) and ECON 121 (3 cr)

MBA Consortium

<http://www.learn.wisconsin.edu/mba>

In an effort to offer the foundation courses more frequently, an MBA consortium was developed. The participating universities are UW-Parkside, UW-Eau Claire, UW-La Crosse and UW-Oshkosh.

Through this collaborative effort, all of the foundation courses (except Algebra and BUS 772) are offered every semester via the World Wide Web. Some elective courses will also be offered through the consortium. See the following website for additional information, <http://www.learn.wisconsin.edu/internetmba>.

Required Graduate Courses (16 Credits)

MBA 702	Managerial Accounting.	2 cr
	Spring	
MBA 712	Quantitative Methods.	2 cr
	Fall	
MBA 715	Production/Operations Management . .	2 cr
	Spring	
MBA 716	Project Management.	2 cr
	Fall	
MBA 732	Corporate Financial Management. . . .	2 cr
	Fall	
MBA 741	Organizational Theory	2 cr
	Spring	
MBA 752	Marketing Management	2 cr
	Fall	
MBA 796	Advanced Strategic Management	2 cr
	Spring	

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.

Elective Courses (16 Credits)

Elective course topics have included the following:

Cash Management
Investments
Security Analysis
Shareholder Value Management
Futures and Options
Personal Investments
Value-Based Management
Survey of Human Resource Topics
International Business
International Trade/Finance
Global Issues in Management
International E-Commerce
International Management

International Marketing
Employment Law
Management Techniques
Emotional Intelligence
Crisis Management
Electronic Commerce
Business Process Improvement
Management of MIS Functions
IT Tools for Managers
Intro WWW Programming
Small Systems Development
Website Development
Business to Business Marketing
Service Marketing
Product Management
Buyer Behavior
Decision Analysis

All students are required to take a minimum of 16 elective credits. At least one of the elective courses must come from the information systems area. Electives will be offered in 1, 1-1/2, 2, or 3 credit format. Some of them may be offered via the World Wide Web through the MBA consortium.

Transfer Policy

Graduate-level work completed at other regionally accredited institutions may be transferred toward the MBA degree at UW-Parkside, subject to the following provisions:

1. 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 9 semester hours of graduate-credit work at UW-Parkside.
2. A maximum of 12 credits may be transferred.
3. The course/courses that the student is requesting to transfer must form an integral part of the student's proposed program of study.
4. Credit courses transferred must carry a grade of B or better.
5. Permission to take work at another institution for transfer credit after admission to the MBA program must be obtained in advance from the assistant dean's office (Molinaro 344).

Additional Academic Policies

1. Students delaying entry after admission to the MBA 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 MBA program.
2. Students are required to file a "letter of intent" indicating their expected date of graduation with the assistant dean at least one semester prior to graduation. A one-time, non-refundable graduation fee must be paid to the Registrar at that time.

Graduate Courses (MBA)

- 701 Accounting Concepts**3 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.
- 702 Managerial Accounting**2 cr
Prereq: MBA701, ECON 761. 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.
- 705 Advanced Management Accounting**3 cr
Prereq: MBA 702, MBA 712. Freq: Occasionally.
 An advanced course in management accounting focusing on the application of analytical techniques and formal models to provide relevant financial and economic information for management decisions; topics include budgetary planning and control, product costing methods, cost systems for manufacturing, inventory management techniques, segment reports for marketing management, marketing cost effectiveness, pricing decisions and financial statement analysis. Case studies are used to emphasize the application to practical business problems.
- 711 Statistical 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. Satisfies the statistics competency requirement.
- 712 Quantitative Methods**2 cr
Prereq: MATH 112, MBA 711, 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.
- 714 Introduction to Production and Operations Management**2 cr
Prereq: MATH 112, MBA 711, and computer competency. Freq: Fall, Spring.
 Introduction to the role of operations management in an organization including production processes, linear programming, layout, inventory control, scheduling, project management, and quality assurance
- 715 Production and Operations Management**2 cr
Prereq: MBA 712, MBA 714. Freq: Spring.
 Through case studies this course will reinforce the concepts and techniques of modern production planning and control. Special emphasis will be given to the use of mathematical programming techniques carried out on computers, and to recent trends such as Just-in-Time (JIT), Flexible Manufacturing Systems (FMS), Computer-Integrated Manufacturing (CIM) and global competitiveness
- 716 Project Management**2 cr
Prereq: MBA 701, MBA 711. 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.
- 719 Business Research Methods**3 cr
Prereq: MBA 712. Freq: Occasionally.
 An overview of research techniques and methodologies applicable to applied business problems; topics include a review of the general scientific method, the role of theory in research design, measurement and scaling concepts, sampling techniques, experimental design, survey and questionnaire design and analysis, and observational techniques; critiques of business research cases, and students will be expected to write a research proposal relevant to a functional area of business.
- 722 Systems Concepts for Managers**2 cr
Prereq: MBA 701, MBA 740. 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 basic programming concepts will be studied.
- 723 IT Tools for Managers**2 cr
Prereq: MBA 722. Freq: Occasionally.
 The use of IT tools within a management context; data gathering and analysis tools; explores a variety of other tools, including 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 International E-commerce**2 cr
Prereq: None. Freq: Occasionally.
 Describes the issues related to international e-commerce and reviews the possible solutions that lead to a successful international e-commerce application.

- 727 Business Process 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.
- 731 Finance Concepts**.....2 cr
Prereq: MBA 701, MBA 711, ECON 761. Freq: Fall, Spring.
 An introduction to the concepts of corporate financial management; emphasis is placed on understanding both the inputs needed for the decision making process and how that process is carried out. Topics include financial statement analysis, time value of money, security valuation, cash flow analysis, and capital budgeting.
- 732 Corporate Financial Management**2 cr
Prereq: MBA 731. 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 731. 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 731. 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 Seminar in Financial Management**.....2 cr
Prereq: MBA 732. Freq: Occasionally.
 Advanced course in financial management that simulates executive-level decision making in the area of financial policy; provides an in-depth analysis of topics in financial management theory such as security valuation, cost of capital, optimal capital structure, capital budgeting and working capital management; case studies and relevant assigned readings emphasize the application to practical business problems.
- 736 Shareholder Value Management**1 cr
Prereq: MBA 731. 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.
- 740 Behavior in Organizations**2 cr
Prereq: None. Freq: Fall, Spring.
 An introduction to individual and group processes in organizations. Topics include perception, motivation, communication, stress, leadership, decision making, conflict, power, and ethics.
- 741 Organizational Theory**.....2 cr
Prereq: MBA 740. Freq: Spring.
 An examination of traditional and contemporary theories of organizational design. Topics include environments, structures, work design, effectiveness and strategy.
- 744 Management Techniques**2 cr
Prereq: MBA 740. 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 Crisis Management**2 cr
Prereq: MBA 740. Freq: Occasionally.
 An introduction to the study of organizational crises, which are negative events that may threaten corporate growth and survival; covers a variety of crisis related issues that affect decision making, communication, emergency planning, organizational learning, managerial moral responsibility, etc.
- 746 International Management**.....2 cr
Prereq: None. Freq: Occasionally.
 Study of cross-cultural approaches and strategies to effectively manage workers in and from different countries and regions of the world; 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. Not available to students with credit in MGT 446.
- 747 Practical Crisis Planning**.....2 cr
Prereq: MBA 740. Freq: Occasionally.
 Project-based course aimed at teaching students how to formulate a crisis management plan for practical application purposes.
- 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 case-work and the development of a start-up business plan as an illustration of principles learned.
- 751 Introduction to Marketing**.....2 cr
Prereq: None. Freq: Fall, Spring.
 An overview of marketing and the marketing process as it applies to business and other exchange situations. The course covers terminology, concepts, theories and methods used in the field of marketing. In addition to economic, social and ethical issues, topics include the functional areas of marketing as practiced in diverse organizations and cultures.

- 752 Marketing Management**.....2 cr
Prereq: MBA 701, MBA 751, ECON 761. 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 Marketing Communications**2 cr
Prereq: MBA 751. 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 Advanced Marketing Seminar**3 cr
Prereq: MBA 752. Freq: Occasionally.
 An in-depth study of one or more significant marketing issues; emphasis on current publications from scholarly, business and popular media and informal class discussions; students will choose from selected topical areas in which they will conduct detailed research.
- 755 Business-to-Business Marketing**.....2 cr
Prereq: MBA 751. Freq: Occasionally.
 The study of marketing of goods and services to businesses, institutions, and government agencies; emphasis is on decision making, problem solving, and interaction with other functional departments and channel members in delivering quality service to customers; uses case analysis in addressing current marketing problems and issues.
- 756 Buyer Behavior**2 cr
Prereq: MBA 751. 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 Services Marketing**.....2 cr
Prereq: MBA 751. Freq: Occasionally.
 An exploration of the marketing of services as distinct from products; also considers retailing as a form of service delivery to end consumers.
- 758 Pricing**2 cr
Prereq: MBA 751. Freq: Occasionally.
 A study of one of the four "P's" that most directly affects product profitability.
- 759 Product Management**.....2 cr
Prereq: MBA 751. 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: Fall.
 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.
- 776 Federal Taxation and Business**3 cr
Prereq: MBA 701. Freq: Occasionally.
 A study and analysis of the tax consequences and tax saving opportunities that attach to many common business transactions involved in managerial and operational decision making; primary emphasis will be on the federal income-tax law and its relationship to different forms of business organizations; includes the income concept, selection of a business form, property transactions, nontaxable transactions, reorganizations, and accounting methods and periods.
- 786 Human Resource Management**.....3 cr
Prereq: MBA 740. Freq: Occasionally.
 Examination of major areas concerning the management of human resources; topics include employee selection, development and evaluation, compensation, and affirmative action/equal opportunity.
- 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.
- 796 Advanced Strategic Management**2cr
Prereq: Completion of five of eight MBA core courses. Freq: 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: Within 9 credit hours of MBA graduation, consent of instructor and department chair. Freq: Spring.
 In-depth study of an area of special interest to the student within one of the areas of business; requires independent research with advice and guidance of a full-time MBA faculty member. The student must submit a written proposal to a faculty member for approval before registering for this course.

MODERN LANGUAGES

Communication Arts 265 • (262) 595-2331 • www.uwp.edu/academic/modern.languages

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, travel services, banking, business (purchasing, marketing, advertisement, etc.), editing and publishing, media (film, radio, etc.). Consult with the appropriate faculty member about your interests.

Department Overview

The Modern Languages Department at UW-Parkside offers courses in French, German, and Spanish language, literature, and culture. It also offers beginning courses in other languages when staffing and funding allow. In addition to serving language majors and minors, the program provides language skills and literary and cultural enrichment for students majoring in other areas. General enrichment courses offered in English also provide enrichment opportunities for students outside the language programs.

Program courses also serve other academic areas on campus including international studies, ethnic studies, humanities 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 should attempt to do all of their undergraduate work (in French or German) within the French and German programs. Spanish students should seek broad coverage among Peninsular and Latin American literature and culture courses.

Internships

The Modern Languages Department offers a Translation Internship Program; other internships are planned.

Teacher Licensure

Students seeking teacher licensure in a Modern Languages major or minor must fulfill Wisconsin Department of Public Instruction requirements; therefore, their course requirements may differ from those of the non-teaching major and minor. Information about the teacher education program and additional requirements for licensure can be obtained from the teacher education adviser at (262)

595-2100. Please note as well that DPI requirements for licensure include a language immersion experience.

French

Associate Professor:

Zepp, 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 also 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:

For entrance into the French studies major, the student must: (1a) have a grade of at least C-plus (2.33) in FREN 203 or a combined GPA of 2.50 in FREN 203-204 or (1b) place into French 301, and (2) have a 2.50 overall GPA.

Requirements for Graduation from the French Studies Major

The French studies major consists of a minimum of 33 credits. 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.

The following core courses beyond the introductory level (103-104) are required of all French studies majors:

FREN 203	Intermediate French I	4 cr
FREN 204	Intermediate French II	4 cr
FREN 301	French Conversation & Composition	4 cr
FREN 318	French Civilization and Culture	3 cr
FREN 320	Introduction to French Literature	3 cr
FREN 495	Senior Project	3 cr
Total	. . . . .	21 cr

UNDERGRADUATE PROGRAMS

In addition, students must complete at least four courses selected from the following list. 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	History of Modern European Art	3 cr
ECON 310	International Trade	3 cr
ENGL 247	Introduction to Modern World Lit.	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
HIST 361	Nineteenth Century Europe 1815-1879	3 cr
HIST 362	Nineteenth Century Europe 1870-1914	3 cr
HIST 363	Europe Between the Wars 1919-1939	3 cr
HIST 364	Europe Since 1945	3 cr
HIST 373	Social History of Europe.	3 cr
HUM 230	Culture and Literature	3 cr
MUS 414	History of Western Music II.	3 cr
POLS 330	European Politics	3 cr

Total courses for French Studies Major:

Core courses in French	21 cr
Additional four courses	12 cr
Total	33 cr

Requirements for the French Minor

Students electing to declare a minor in French are expected to complete the following courses beyond the introductory level (103-104):

FREN 203	Intermediate French I	4 cr
FREN 204	Intermediate French II	4 cr
FREN 301	French Conversation & Composition.	4 cr
FREN 318	French Civilization and Culture	3 cr
FREN 320	Introduction to French Literature.	3 cr
Total	18 cr	

The course Teaching a Foreign Language (Teacher Education) may not be counted toward the required minimum of 18 credits.

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.

STUDENTS HAVING PASSED A HIGHER COURSE IN THE FRENCH 103-301 LANGUAGE SEQUENCE 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, through oral practice, written exercises, elementary reading, and cultural background.

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.

Continued training in listening, speaking, reading, and writing skills, through conversation, composition, and literary texts.

204 Intermediate French II 4 cr

Prereq: FREN 203 or equivalent or placement exam.

Freq: Spring.

A continuation of FREN 203.

301 French Conversation and Composition 4 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: Every other Spring

Multi-media presentation and discussion of historical, philosophical, and artistic developments in France. Readings in French.

320 Introduction to French Literature 3 cr

Prereq: FREN 204. Freq: Every other Spring

Study of the major literary genres. Development of historical perspective and techniques of critical analysis through the study of selected masterpieces of French poetry, drama and prose.

- 341 Teaching A Foreign Language**3cr
Prereq: TEDU 210, 230; admission to TEDU; FREN 301; or consent of instructor. Freq: Occasionally.
 Current theories, practices, methods and materials pertinent to teaching a foreign language. Off-campus clinical experiences are an integral part of this course.
- 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 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. 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. 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.

General Enrichment Courses Offered in English

Courses conducted in English do not carry modern language credit, do not fulfill language requirements, and may not count toward modern language major.

- 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.

German

Professor:
 Christoph, Ph.D.

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

For entrance into the German studies major, the student must: (1a) have a grade of at least C-plus (2.33) in GER 203 or a combined GPA of 2.50 in GER 203-204 or (1b) place into German 305, and (2) have a 2.50 overall GPA.

Requirements for Graduation from the German Studies Major

The German studies major consists of a minimum of 33 credits. 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.

The following core courses beyond the introductory level (103-104) are required of all German studies majors:

GER 203	Intermediate German I	4 cr
GER 204	Intermediate German II	4 cr
GER 305	German Conversation and Composition	4 cr
GER 310	German Civilization and Culture	3 cr
GER 320	Introduction to German Literature	3 cr
GER 495	Senior Project in German	3 cr
Total		21 cr

In addition, students must complete at least four courses selected from the following list. 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	History of Modern European Art	3 cr
ECON 310	International Trade	3 cr
ENGL 247	Introduction to Modern World Lit.	3 cr
HIST 320	Germany 1848 to the Present.	3 cr
HIST 361	Nineteenth Century Europe 1815-1879	3 cr
HIST 362	Nineteenth Century Europe 1870-1914.	3 cr
HIST 363	Europe Between the Wars 1919-1939.	3 cr
HIST 364	Europe Since 1945	3 cr
HIST 373	Social History of Europe.	3 cr
HUM 230	Culture and Literature	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

Total courses for German Studies Major:

Core courses in German	21 cr
Additional four courses	12 cr
Total	33 cr

Requirements for the German Minor

Students electing to declare a minor in German are expected to complete the following courses beyond the introductory level (103-104):

GER 203	Intermediate German I.	4 cr
GER 204	Intermediate German II	4 cr
GER 305	German Conversation and Composition	4 cr
GER 310	German Civilization and Culture	3 cr
GER 320	Introduction to German Literature.	3 cr
Total	18 cr	

The course Teaching of a Foreign Language (Teacher Education) may not be counted toward the required minimum of 18 credits. 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.

STUDENTS HAVING PASSED A HIGHER COURSE IN THE GERMAN 103-305 LANGUAGE SEQUENCE 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.

305 German Conversation and Composition 4 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.

341 Teaching A Foreign Language 3 cr

Prereq: TEDU 210, 230; admission to TEDU; or consent of instructor. *Freq:* Occasionally.

Current theories, practices, methods and materials pertinent to teaching a foreign language. Off-campus clinical experiences are an integral part of this course.

- 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. 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. 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.

General Enrichment Courses Offered in English

Courses conducted in English do not carry modern language credit, do not fulfill language requirements, and may not count toward modern language major.

- 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.

Spanish

Assistant Professor:
 McNair, Ph.D.

Senior Lecturer:
 Leavitt, M.A.

Lecturers:
 Fill, M.A.; Rodriguez-Juarez, M.A.

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.

Requirements for Admission to the Spanish Major

For entrance into the Spanish major, the student must: (1a) have a grade of at least C-plus (2.33) in SPAN 203 or a combined GPA of 2.50 in SPAN 203-204 or (1b) place into Spanish 303 or 305, and (2) have a 2.50 overall GPA.

Requirements for Graduation from the Spanish Major

The Spanish major consists of a minimum of 35 credits in Spanish beyond the introductory level (103-104). Basic standards of linguistic proficiency and content competency (cultural and literary) 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.

The following courses are required of all Spanish majors:

SPAN 303	Conversation & Composition I	3 cr
and		
SPAN 304	Conversation & Composition II.	3 cr
or		
SPAN 305	Conversation & Composition for Native Speakers I	3 cr
and		
SPAN 306	Conversation & Composition for Native Speakers II.	3 cr
plus		
SPAN 321	Introduction to Spanish Literature I. . .	3 cr
SPAN 322	Introduction to Spanish Literature II . .	3 cr
SPAN 335	Introduction to Spanish-American Literature	3 cr
SPAN 403	Advanced Spanish.	3 cr
SPAN 495	Senior Seminar	1 cr

Electives	.....	12 cr
Total	.....	31 cr

Requirements for the Spanish Minor

The minor in Spanish consists of a minimum of 23 credits beyond the first year introductory courses (103-104). The following courses are required of all Spanish minors:

SPAN 203	Intermediate Spanish I	.....	4 cr
SPAN 204	Intermediate Spanish II	.....	4 cr
plus			
SPAN 303	Conversation & Composition I	.....	3 cr
and			
SPAN 304	Conversation & Composition II	.....	3 cr
or			
SPAN 305	Conversation & Composition for Native Speakers I	.....	3 cr
and			
SPAN 306	Conversation & Composition for Native Speakers II	.....	3 cr
Plus			
Electives	.....	9 cr	
Total	.....	23 cr	

Electives must include at least three credits of course work in literature. The course Teaching of a Foreign Language (Teacher Education) may not be counted toward the required minimum of 23 credits.

Certificate in Spanish for Professionals

The purpose of the Spanish for Professionals certificate program is to help students improve their overall proficiency in the language as well as to provide them with more practical training (represented by the capstone course) in the fields of journalism, business, criminal justice, medicine, and education. It is possible to complete the certificate exclusively with night courses. Students must have achieved the competency level of SPAN 204 (fourth semester) before they can begin 300-400 level courses. Students may demonstrate the required competency by completing the 103-104, 203-204 course sequence or by the placement examination. Some 400-level electives require SPAN 304 as a prerequisite.

The certificate in Spanish for professionals consists of 17 credits in the following courses:

SPAN 203	Intermediate Spanish I	.....	4 cr
SPAN 204	Intermediate Spanish II	.....	4 cr
SPAN 303	Conversation and Composition I	.....	3 cr
Capstone course (SPAN 415, 416, 417, 418, or 419) . . . 3 cr			

At least 3 additional credits at the 300-400 level in Spanish.

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.

STUDENTS HAVING PASSED A HIGHER COURSE IN THE SPANISH 103-304 AND 403 LANGUAGE SEQUENCE 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.

Spanish grammar through oral practice and written exercises, elementary reading, cultural background.

104 Introductory Spanish II4 cr

Prereq: SPAN 103 or equivalent or placement exam. Freq: Spring.

A continuation of Spanish 103.

111 Spanish for Singers1 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 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.

Continued training in spoken Spanish. Programmed advancement in reading and grammar. Discussion of text in Spanish. Beginning work in directed composition and conversation.

204 Intermediate Spanish II4 cr

Prereq: SPAN 203 or equivalent or placement exam. Freq: Spring.

A continuation of Spanish 203.

303 Conversation and Composition I.....3 cr

Prereq: SPAN 204 or equivalent or placement exam. Concurrent registration in SPAN 321 recommended for major. Freq: Fall.

Special training in conversation and composition. May not be taken for major or minor credit if SPAN 305 is taken. Counts towards major or minor in lieu of SPAN 305.

304 Conversation and Composition II3 cr

Prereq: SPAN 303 or equivalent. Concurrent registration in SPAN 322 recommended for major. Freq: Spring.

A continuation of SPAN 303. May not be taken for major or minor credit if SPAN 306 is taken. Counts toward major or minor in lieu of SPAN 306.

- 305 Conversation and Composition for Native Speakers I**3 cr
Prereq: Placement test (303 level) . Concurrent registration in SPAN 321 recommended for major. *Freq:* Fall.
 Designed for students having acquired Spanish in a native environment (home or abroad). Emphasis on developing and improving skills in reading and writing. Introduction to grammatical terminology. Counts toward major or minor in lieu of SPAN 303. May not be taken for major or minor credit if 303 is taken. Not open to students who have completed the 103, 203, 303 sequence or its equivalent.
- 306 Conversation and Composition for Native Speakers II**3 cr
Prereq: Spanish 305. Concurrent registration in 322 recommended for major. *Freq:* Spring.
 A continuation of SPAN 305. May not be taken for major or minor credit if SPAN 304 is taken. Counts toward major or minor in lieu of SPAN 304.
- 318 Spanish Civilization and Culture**3 cr
Prereq: None in English, SPAN 204 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. Offered variously in Spanish or English.
- 319 Latin American Civilization and Culture**3 cr
Prereq: None in English, SPAN 204 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.
- 321 Spanish and Spanish-American Literature to 1700**3 cr
Prereq: SPAN 204 or equivalent. *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 204 or equivalent. *Freq:* Spring.
 Survey of Spanish peninsular literature since 1700.
- 335 Spanish-American Literature to 1700**3 cr
Prereq: SPAN 204 or equivalent. *Freq:* Spring.
 Survey of Spanish-American literature since 1700.
- 341 Teaching A Foreign Language**3cr
Prereq: TEDU 210, 230; Admission to TEDU; or consent of instructor. *Freq:* Occasionally.
 Current theories, practices, methods and materials pertinent to teaching a foreign language. Off-campus clinical experiences are an integral part of this course.
- 350 Spanish Phonetics** 3 cr
Prereq: SPAN 204 or equivalent. *Freq:* Occasionally.
 Theory of Spanish sounds in contrast to English combined with practical laboratory training in pronunciation and orthography. Required of all intending teachers.
- 400 Spanish Medieval Masterpieces**3 cr
Prereq: SPAN 321 or equivalent or consent of instructor.
Freq: Occasionally.
 A study of the most significant literary monuments from the 11th century jarchas to La Celestina (end of 15th century).
- 403 Advanced Spanish**3 cr
Prereq: SPAN 304 or equivalent. *Freq:* Occasionally.
 Analysis of questions of syntax and style; emphasis on idiomatic Spanish.
- 405 The Spanish Golden Age**3 cr
Prereq: SPAN 321 or equivalent or consent of instructor.
Freq: Occasionally.
 Study of the principal genres, authors and works of Spain's Classical period from La Celestina through Calderon. Content will vary and course may be taken more than once.
- 415 Spanish for Journalism**.....3 cr
Prereq: SPAN 303 or equivalent. *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 or equivalent. *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 or equivalent. *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 or equivalent. *Freq:* Occasionally.
 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 or equivalent.. *Freq:* Occasionally.
 The course focuses on business terminology and procedure for Spanish-speaking countries. Emphasis is on written Spanish supplemented by conversational work.
- 420 Modern Spanish Literature**3 cr
Prereq: SPAN 322 or equivalent or consent of instructor.
Freq: Occasionally.
 Nineteenth and 20th century masterpieces: novel, poetry, theater, and essay. May be repeated under different subtitles.
- 430 Latin American Literature**.....3 cr
Prereq: SPAN 304 or equivalent or consent of instructor.
Freq: Occasionally.
 Drama, novel, poetry and essay from the colonial period through the 19th century. Content will vary and course may be taken more than once with consent of instructor.

- 435 **20th Century Latin American Literature**3 cr
Prereq: SPAN 304 or equivalent or consent of instructor.
Freq: Occasionally.
 Study of the literature of a specific genre, country or period.
 Course taught in Spanish. Content will vary and course may
 be taken more than once with consent of instructor.
- 475 **Translation Internship**1-3 cr
*Prereq: SPAN 304 or 306 or equivalent, Spanish major and
 consent of instructor. Freq: Fall, Spring.*
 Translation interns work with area businesses and service
 agencies to furnish translations from and into Spanish. 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. Freq: Occasionally.
 Application of Spanish in areas of community concern and
 in local business and industry. May be repeated for maxi-
 mum of 6 credits.
- 495 **Senior Seminar**.....1 cr
Prereq: Senior standing in Spanish. Freq: Spring
 Students will develop portfolios that highlight their lan-
 guage skills and review/synthesize their course work in the
 major.
- 499 **Independent Study**1-3 cr
*Prereq: Junior standing, consent of instructor and department
 chair. Freq: Occasionally.*
 Available to qualified students under supervision of individ-
 ual instructor. Normally, no more than 6 credits of
 Independent Study may be counted toward the major.

General Enrichment Courses Offered in English

Courses offered in English do not carry modern language credit,
do not fulfill language requirements, and may not count toward
modern language major.

- 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.
- 290 **Special Topics in Spanish**.....1-3 cr
Prereq: None. Freq: Occasionally.
 Selected topics in Spanish studies will be examined.
- 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.

Courses in Modern Languages (MODL)

The program offers occasionally, under MODL 103 and
104, first-year courses in modern languages other than
French, German 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 regular-
 ly offered in the Modern Languages Department. May be
 repeated with different language content.
- 499 **Independent Study**1-3 cr
*Prereq: Junior standing, consent of instructor and department
 chair. Freq: Occasionally.*
 Available to qualified students under supervision of individ-
 ual instructor.

MASTER OF SCIENCE IN APPLIED MOLECULAR BIOLOGY

Greenquist 344 • (262) 595-2744 • www.uwp.edu/academic/biology

Degree Offered:

Master of Science

Participating faculty from Biological Sciences Department

Professors:

Wallen, Ph.D.

Associate Professors:

Gundersen, Ph.D.; Mayer, Ph.D.; Thomson, Ph.D.

Assistant Professors:

Barber, Ph.D.; Higgs, Ph.D.; Pham, Ph.D.; Ruffolo, Ph.D.,
Skendzic, 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.

Summary of Graduate Course Requirements

Plan A: Two-year 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.

Core

BIOS 675	Advanced Molecular Biology	3 cr
BIOS 731	Seminar in Molecular Biology.	4 cr

Electives

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.

BIOS 611	Molecular Microbiology	3 cr
BIOS 614	Molecular Evolution*	3 cr
BIOS 653	Molecular Biology and Bioinformatics I: DNA*	4 cr
BIOS 654	Molecular Biology and Bioinformatics II: RNA*	4 cr
BIOS 655	Molecular Biology and Bioinformatics III: Proteins*	4 cr
BIOS 670	Adv. Molecular Genetics	3 cr
BIOS 680	Adv. Bioinformatics*	2 cr
BIOS 682	Adv. Bioinformatics: Genomics*	1 cr
BIOS 683	Adv. Bioinformatics: Proteomics*	1 cr
BIOS 690	Adv. Topics in Molecular Biology	1-4 cr
BIOS 699	Independent Study	3 cr
CHEM 620	Advanced Biochemistry*	3 cr

Thesis

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:

1. 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:

1. 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 online at <http://www.uwp.edu/academic/biology>. To apply to the program a student must submit the following:

1. A completed application form.
2. A non-refundable application fee, payable to UW-Parkside.
3. GRE scores and official transcripts sent directly to the 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 tongue 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 1 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 and 102 and 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 360, 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 Molecular Microbiology**.....3 cr
Prereq: An upper-level course in microbiology or molecular biology, or consent of instructor. Freq: Alternate years.
 Focus on the concepts of microbial molecular biology and their application to current biotechnology.
- 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 I: DNA**.....4 cr
Prereq: BIOS 240 (or 301 and 307), 309 (or 509), 360, and consent of instructor. Freq: Fall.
 Techniques and theory of DNA isolation and analysis including laboratory and computational methods. Eight-hour lecture/lab.
- 654 Molecular Biology and Bioinformatics II: RNA**.....4 cr
Prereq: BIOS 240 (or 301 and 307), 309 (or 509), 360, and consent of instructor. Freq: Fall.
 Theory and techniques for investigating RNA. Common laboratory methods for isolating and characterizing RNA will be performed. In addition, computer applications will be used to study RNA bioinformatics, structure, and function. Eight-hour lecture/lab.
- 655 Molecular Biology and Bioinformatics III: Proteins**....4 cr
Prereq: BIOS 240(or BIOS 301 or BIOS 307), 309 (or 509), 360, and consent of instructor. Freq: Spring.
 The role of proteins in biology will be assessed, providing both an understanding of these macromolecules and practical experience in biochemistry. In particular, comprehension of protein characteristics and function will be emphasized to provide insight into cell physiology or functional genomics. Eight-hour lecture/lab.
- 670 Advanced Molecular Genetics**3 cr
Prereq: BIOS 309 (or 509), 360 and consent of instructor. Freq: Occasionally.
 In-depth coverage of selected current research topics in the molecular genetics of genomes, gene and gene expression.
- 675 Advanced Molecular Biology**.....3 cr
Prereq: BIOS 309 (or 509), 360 and consent of instructor. Freq: Fall.
 In-depth coverage of selected current research topics in the molecular biology of DNA replication, transcription, translation, and other current topics of molecular biology.
- 680 Bioinformatics**4 cr
Prereq: BIOS 309 (or 509), 360, and consent of instructor. Freq: Fall.
 Various aspects of bioinformatics relating to data management, data discrimination, genomics, and proteomics will be introduced to students. Lectures and computer-based exercises will emphasize basic theory and applications of this information in today's world. Three-hour lecture, three-hour lab.
- 682 Advanced Bioinformatics: Genomics**.....1 cr
Prereq: BIOS 480. Freq: Fall.
 Theory and techniques will be presented to provide students with a perspective on the essence of life: genomic sequences. Lectures and computer-based exercises will emphasize the information content of genomic DNA and its application in today's world. Two-hour lecture/lab.
- 683 Advanced Bioinformatics: Proteomics**.....1 cr
Prereq: BIOS 480, consent of instructor. Freq: Spring.
 The field of bioinformatics has revolutionized the study of gene expression. A combination of lecture, lab, and computer-based exercises will provide students with expertise in the use of bioinformatic tools to assess gene expression and functional genomics. Two-hour lecture/lab.
- 699 Independent Study**1-3 cr
Prereq: Written consent of instructor. Freq: Fall, Spring.
 Advanced study performed under the supervision of a regular faculty member. Suitability as an elective for the masters of applied molecular biology is determined on a case-by-case basis by the MAMB program committee.
- 711 Thesis**1-9 cr
Prereq: Written consent of instructor. Freq: Fall, Spring.
 Dissertation for master of science in applied molecular biology. Graded on a satisfactory/unsatisfactory 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.

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 • <http://www.cs.uwp.edu/CIS>

Degree offered:

Master of Science

Participating faculty from the Computer Science Department

Professors:

Fossum, Ph.D;

Associate Professors:

Haller, Ph.D; Hansen, Ph.D; McCann, Ph.D.

Assistant Professors:

Lincke-Salecker, Ph.D.

Participating faculty from the Business Department

Associate Professors:

Baldwin, Ph.D; Chalasani, Ph.D; Hawk, Ph.D.

Goals of the Program

The Master of Science in Computer and Information Systems (MSCIS) program is intended to increase the supply of high quality information technology professionals in the region and to contribute to the professional advancement of our region's 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 skill, and practical experience with information systems development and deployment.

The MSCIS program targets two populations of prospective students: those who have undergraduate degrees in non-technical fields and who wish to gain credentials as information technology professionals, and those who have undergraduate degrees with preparation in technical fields – including those with degrees in CS or MIS – and who wish to advance themselves technically and professionally.

Degree Requirements

The MSCIS degree requirements consists of 30 credits distributed as follows: 9 credits in Foundations classes, 18 credits in Core classes, and 3 credits in electives. A student must maintain a UW-Parkside GPA of 3.0 or better in the required course work. The MSCIS degree does not require a thesis.

A student who has insufficient preparation in mathematics or programming must take appropriate prerequisites as determined by the student's adviser.

1. Prerequisites (0-13 credits, depending on background):

MATH 142 Calculus with Business and
Social Science Applications. 3 cr

or

MATH 221 Calculus and Analytic Geometry 5 cr

CSCI 241 Computer Science I 4 cr

CSCI 242 Computer Science II. 4 cr

2. Foundations (9-10 credits):

CIS 528 Database Management Systems 3 cr

or

CIS 580 Files and Databases. 4 cr

CIS 527 Microcomputers and LANs 3 cr

or

CIS 624 Business Data Communication. 3 cr

or

CIS 677 Computer Communications
and Networks 3 cr

CIS 625 Systems Analysis and Design 3 cr

or

CIS 675 Software Engineering Principles
and Practice 3 cr

Foundations courses with a CS emphasis are CIS 580, 675, and 677. Foundations courses with an MIS emphasis are CIS 527, 528, 624, and 625. Students with an undergraduate degree in CS must take all MIS emphasis foundations courses (choosing one of CIS 527 and CIS 624), and students with an undergraduate degree in MIS must take all CS emphasis foundations courses.

3. Core (18 credits):

CIS 721 Enterprise Computing 3 cr

CIS 725 Information Systems Policy
and Strategy 3 cr

CIS 745 Web Programming 3 cr

CIS 775 Software Engineering/
Project Management 3 cr

CIS 780 Advanced Databases 3 cr

CIS 790 Special Topics in CIS 3 cr

4. Elective (3 - 4 credits):

Choose from:

CIS 605 Artificial Intelligence 3 cr

CIS 609 Introduction to Human-
Computer Interfaces 3 cr

CIS 723 Management of E-Commerce. 2 cr
and

CIS 796 CIS Project. 1 cr

CIS 724	Information Technology in Business Process Improvement	2 cr
and		
CIS 796	CIS Project	1 cr
CIS 640	Compiler Design and Implementation. . .	4 cr
CIS 644	Event-Driven Programming	3 cr

Admission Requirements

To qualify for admission into the MSCIS program, an applicant must have:

1. A bachelor's degree from an accredited institution with an undergraduate GPA (UGPA) of at least 3.0 on a 4.0 scale
2. Submission of GMAT (Graduate Management Admission Test) or GRE (Graduate Record Examination) exam scores. The GMAT score + 200 times the UGPA must exceed 1000, or the sum of the GRE general aptitude quantitative and analytical scores must exceed 1100.
3. Completion of the prerequisite courses (or their equivalents): MATH 142 or 221, CSCI 241, CSCI 242. Students with a recent undergraduate degree in CS or MIS may be waived from this requirement.
4. Submission of a letter of application outlining professional goals.
5. Receipt of three letters of recommendation indicating promise for success in graduate studies.

At the discretion of the program faculty, students with minor deficiencies in items 1 and 2 may be conditionally accepted into the MSCIS program if they can otherwise demonstrate significant potential for success.

Application Procedure

Application materials may be obtained from the Computer Science Department office:

MSCIS Program
 Computer Science Department
 University of Wisconsin-Parkside
 900 Wood Road
 P.O. Box 2000
 Kenosha WI 53141-2000

An application is complete when all of the following materials have been received:

1. A completed application form, along with the application fee payment.
2. GRE or GMAT scores and official transcripts of all undergraduate and graduate work sent directly to the Computer Science Department office.
3. Letter of application.
4. Three letters of recommendation sent directly to the Computer Science Department office.
5. Additional materials in support of the applicant, as appropriate.

Contact the Computer Science Department office for information about application deadlines.

Course Restrictions

Students must maintain a GPA of 3.0 in all course work required for the MSCIS degree to continue 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 towards the UW-Parkside GPA requirement of 3.0 in MSCIS course work.

Graduate courses (CIS)

- 527 **Microcomputers and LANs**.....3 cr
Prereq: Consent of Instructor. Freq: Spring.
 Fundamental principles of data communication, analysis and design of computer communication networks ranging from LAN to global networks, state-of-the-art communication technology, network monitoring and management. Not open to those with credit in MIS 327.
- 528 **Database Management Systems**3 cr
Prereq: Consent of instructor. Freq: Spring.
 Data modeling techniques including object-oriented modeling, database systems concepts, use of structured query language for information processing, client/server architecture, and distributed databases. Not open to those with credit in MIS 328.
- 547 **Programming and Data Structures**.....3 cr
Prereq: MATH 142 or 221. Freq: Occasionally
 Essentials of programming in a high-level, object-oriented language including data management and control structures, inheritance and polymorphism, elementary data structures, sorting and searching, and algorithm analysis. Laboratory work included.
- 548 **Algorithms and Programming Languages**3 cr
Prereq: CIS 547. Freq: Occasionally
 Nonlinear data structures and search strategies, concurrent programming, design patterns, language taxonomy, name-value bindings and scoping. Laboratory work included.
- 580 **Files and Databases**4 cr
Prereq: Consent of instructor. Freq: Fall.
 The relational model, database design, SQL, non-relational database models, operational considerations, and distributed and object-oriented databases. Not open to those with credit in CSCI 380.

- 605 Artificial Intelligence**.....3 cr
Prereq: Consent of instructor. Freq: Occasionally.
 Background on Artificial Intelligence (AI) and AI techniques including search, game playing, and knowledge representation. Specific sub-disciplines of AI including natural language processing and robotics. Programming assignments in LISP. Not open to those with credit in CSCI 405.
- 609 Introduction to Human-Computer Interfaces**.....3 cr
Prereq: Consent of instructor. Freq: Occasionally.
 An introduction to the field of human-computer interaction including the user interface process, human memory, perception, and motor abilities as they relate to user interface design; user task performance measurement and analysis. Project work included. Not open to those with credit in CSCI 409.
- 624 Business Data Communication**.....3 cr
Prereq: Consent of instructor. 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.
- 625 System Analysis and Design**.....3 cr
Prereq: Consent of instructor. Freq: Fall.
 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.
- 640 Compiler Design and Implementation**4 cr
Prereq: Consent of instructor. 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.
- 644 Event-Driven Programming**3 cr
Prereq: 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.
- 675 Software Engineering Principles and Practice**3 cr
Prereq: Consent of instructor. Freq: Fall.
 Software design as an engineering discipline; project management, verification and validation, software engineering models, measurements, cost estimation, and formal methods. Not open to those with credit in CSCI 475.
- 677 Computer Communications and Networks**3 cr
Prereq: Consent of instructor. Freq: Spring.
 Transmission protocols, layered network protocols, network topology, message routing, performance analysis, security, and case studies. Not open to those with credit in CSCI 477.
- 721 Enterprise Computing**3 cr
Prereq: Consent of instructor. Freq: Fall.
 Introduction to distributed component architectures, integrating diverse applications within distributed heterogeneous environments, mechanisms for inter-process communication in distributed systems. Project work included.
- 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.
- 724 Business Process 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.
- 725 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.
- 745 Web Programming**.....3 cr
Prereq: Consent of instructor. 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.
- 775 Software Engineering /Project Management**3 cr
Prereq: CIS 625 or 675. Freq: Summer.
 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.
- 780 Advanced Databases**.....3 cr
Prereq: CIS 528 or 580. Freq: Summer.
 Topics in database theory, operations and applications including physical database design, data warehousing and mining, transactions, concurrency control, recovery, decision support systems, query optimization, data security, and parallel/distributed system architectures. Significant team project included.
- 790 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.

796 CIS Project1 cr
Prereq: Consent of instructor. Freq: As needed.
Completion of a CIS project in conjunction with another 600- or 700-level CIS course; includes project documentation and oral and written reports.

799 Independent Study1-4 cr
Prereq: Consent of instructor. Freq: Fall, Spring.
Independent work on a specific problem in CIS under the supervision of faculty.

MUSEUM STUDIES

Greenquist 318 • (262) 595-2177

Degrees Offered:

None. A certificate in museum studies is offered.

Faculty:

Buenker, Ph.D.; Funkenstein, Ph.D.; Karp, M.A.; Sasso, Ph.D.;
Trager, Ph.D.

Coordinator:

Trager, 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 internship 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, or public museum.

Requirements for Museum Studies Certificate (15 credits)

Content Courses (6 credits; at least 3 credits from a discipline outside of the student's major)

ART 125	Foundations of Art History I, Ancient to Medieval	3 cr
ART 126	Foundations of Art History II, Renaissance to Modern	3 cr
ART 343	History of Modern European Art	3 cr
ART 345	History of Modern American Art	3 cr
HIST 102	The United States, Reconstruction to Recent Times	3 cr
HIST 201	Technology and work in Modern America	3 cr
HIST 225	Environmental History of North America	3 cr
HIST 302	Race/Ethnicity United States of America 1890 to the Present	3 cr
HIST 307	History of Wisconsin	3 cr
HIST 341	The Urbanization of the United States	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 327	Archaeology of North America	3 cr

Methods Course (3 credits)

HIST 250	Sources and Methods in History	3 cr
SOCA 300	Data Collection and Analysis: Museum Studies	3 cr

(Note: SOCA 295 is a prerequisite for SOCA 300 for Sociology-Anthropology Majors)

Internship (3 credits up to 10 credits)

ART 494	Art Internship	3 cr
ARMA 494	Arts Management Internship	3 cr
HIST 494	History Internship (focusing on museum internship)	3 cr
SOCA 491	Anthropology Fieldwork (focusing on museum internship)	3 cr
SOCA 492	Internship in Sociology (focusing on museum internship)	3 cr

Arts Management Course (3 credits)

ARMA 346	Managing Arts and Cultural Organizations	3 cr
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MUSIC

Communication Arts 285 • (262) 595-2457 • www.uwp.edu/academic/music/

Degree Offered:

Bachelor of Arts in Music.

Professors:

Kinchen, Ed.D.; McKeever, D.M.A.

Associate Professors:

Bell, M.M.E.; Crowley, D.M.; Eichner, M.M. (Chair)

Assistant Professors:

Garcia, M.M.; White, M.A.

Student Organizations/Clubs:

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, there are many musicians who perform on a part-time basis. Students who seek performance careers 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, radio and television, arts management, recording engineering, music publishing 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 in music degree. Students who want to prepare for careers in music education, performance, or arts management should complete additional course work in the appropriate concentration.

Requirements for Admission to the Music Major

Admission to the music major/minor requires of all students an audition and approval of the music faculty. Entrance into the music program later than the freshman year will prolong the

length of time required to complete the degree. Courses should be taken in the sequence outlined in the official UW-Parkside Handbook for Music Majors. Students who take fewer than the recommended course load will prolong the time required for graduation. The handbook may be viewed or downloaded at www.uwp.edu/academic/music/Handbook.html.

Applied music courses on all levels are available to music majors/minors in piano, organ, voice, trumpet, horn, baritone, trombone, tuba, violin, viola, cello, double bass, flute, oboe, clarinet, saxophone, bassoon, percussion and classical guitar. Concurrent registration in an academic course in music and appropriate ensemble participation are required.

Requirements for the Bachelor of Arts in Music

The Music Department offers a 50-credit program leading to the Bachelor of Arts degree with a major in music. At least 15 credits of upper-level courses in the major must be completed at UW-Parkside. Each music major must pass a keyboard proficiency examination. This examination must be prefaced with Keyboard Musicianship IV. The following courses or their equivalent are required:

Core Courses:

MUS 001	Concert Attendance (6 semesters with a grade of "CR")	0 cr
MUS 121	Music Theory I	2 cr
MUS 122	Music Theory II	2 cr
MUS 125	Aural Music Theory I	2 cr
MUS 126	Aural Music Theory II	2 cr
MUS 202	Music Literature	3 cr
MUS 221	Music Theory III	2 cr
MUS 222	Music Theory IV	2 cr
MUS 321	Music Theory V	3 cr
MUS 225	Aural Music Theory III	2 cr
MUS 226	Aural Music Theory IV	2 cr
MUS 242	Keyboard Musicianship IV	2 cr
MUS 413	History of Western Music I	3 cr
MUS 414	History of Western Music II	3 cr
MUS 430	Analytic Technics	2 cr
	Major Applied Instrument *	12 cr
	Music Electives (upper level)**	6 cr
	Total	50 cr

* Completion of the second semester 300-level course appropriate to the student's principal instrument.

** Students who complete concentrations in teacher licensure or performance are exempt from this requirement. However, 36 credits in upper-division course work are required of all students.

For students whose primary instrument is voice or an orchestra or band instrument, enrollment in a large ensemble – Chorale, Orchestra, or Wind Ensemble – is required in every semester of full-time enrollment. For students whose primary instrument is classical guitar, four semesters of large ensemble (listed above) and four semesters of guitar ensemble enrollment are required.

For students whose primary instrument is a keyboard instrument, ensemble enrollment is required every semester in which such students are registered as full-time students. At least 4 of these credits must be in a large ensemble (listed above). At least 2 of these credits must be in keyboard accompanying and chamber music performance.

Students who pursue a music degree through part-time enrollment are required to participate in a large ensemble in at least six semesters.

Degree Options in Music Education

Concentrations IA, IB, IC

Students may elect to pursue Wisconsin Department of Public Instruction teacher licensure in instrumental music, choral music, or general music. Students should consult the UW-Parkside Catalog and their academic adviser for the current requirements in professional education. All required music courses and proficiency requirements must be completed before student teaching. Students must apply for admission to the teacher education program and gain acceptance before taking most professional education courses.

Application for student teaching must be made one full semester preceding enrollment. Additional information about the teacher education program and licensure can be obtained from the teacher education adviser at (262) 595-2100.

Instrumental Music (early childhood through adolescence), Concentration IA

In addition to the requirements of the bachelor of arts in music, the following courses are required for teacher licensure:

MUS 181	Basic Voice for Instrumentalists	1 cr
MUS 302	Conducting	2 cr
MUS 271	Instrumental Technics.	7 cr
MUS 342	Instrumental Materials and Methods	3 cr
MUS 355	Instrumental Conducting	2 cr
MUS 423	Orchestration	2 cr
Secondary Applied Instrument		1 cr
(voice, or any instrument except guitar)		

Enrollment in Wind Ensemble or Orchestra is required every semester that a student is enrolled as a full-time music major.

Choral Music (early childhood through adolescence), Concentration IB

In addition to the requirements of the bachelor of arts in music, the following courses are required for teacher licensure:

MUS 302	Conducting	2 cr
MUS 272	Instrumental Techniques (Fretted and Classroom Instruments)	2 cr
MUS 341	Vocal Materials & Methods	3 cr
MUS 356	Choral Conducting & Arranging	3 cr
	Secondary Applied Piano	2 cr

Enrollment in Chorale is required in every semester of full-time enrollment. Students whose major applied instrument is not voice must take MUS 180 or 181, followed by three semesters of applied voice.

General Music (early childhood through adolescence), Concentration IC

In addition to the requirements of the bachelor of arts in music, the following courses are required for teacher licensure:

MUS 302	Conducting	2 cr
MUS 272	Instrumental Technics (Fretted and Classroom Instruments)	2 cr
MUS 343	Elementary School Music Materials and Methods	2 cr
MUS 344	General Music Methods in Junior and Senior High School	2 cr
MUS 356	Choral Conducting and Arranging	3 cr
or		
MUS 355	Instrumental Conducting	2 cr
	Secondary Applied Piano	2 cr

For students whose primary instrument is voice or an orchestra or band instrument, enrollment in Chorale, Orchestra, or Wind Ensemble is required in every semester of full time enrollment. Students whose major applied instrument is not voice must take MUS 180 or 181, followed by three semesters of applied voice.

Piano Pedagogy and Literature, Concentration ID

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. The program includes the bachelor of arts in music requirements, plus the following 13 credits:

UNDERGRADUATE PROGRAMS

MUS 204	Piano Literature Survey.	3 cr
MUS 460	Seminar in Piano Literature and Performance (2 semesters).	4 cr
MUS 305	Piano Pedagogy.	2 cr
MUS 306	Advanced Piano Pedagogy	2 cr
MUS 450	Piano Teaching Practicum.	2 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.

Degree Options in Performance

Music Performance, Concentration IIA

Students who aspire to a career in professional performance should plan on pursuing advanced studies in a graduate school of music. The music performance option is designed to give students a thorough background appropriate for acceptance into a graduate program in applied music. An audition is required for acceptance into the music performance concentration.

The program includes the bachelor of arts in music requirements, plus the following 15-16 credits:

All students:

Applied Music at the 400 level	4 cr
MUS 497 Solo Recital (junior level)	1 cr
MUS 497 Solo Recital (senior level)	2 cr

For students whose primary instrument is voice:

MUS 307 Diction I.	2 cr
MUS 308 Diction II.	2 cr
MUS 302 Basic Conducting	2 cr
MUS 356 Choral Conducting and Arranging.	3 cr

For students whose primary instrument is an orchestral instrument, band instrument, or classical guitar:

MUS 302 Basic Conducting	2 cr
MUS 361-366 Chamber Music Ensemble	4 cr

And one of the following elective choices

MUS 355 Instrumental Conducting	2 cr
MUS 395 Music Business Seminar	2 cr
MUS 499 Independent Study	2 cr

For students whose primary instrument is piano:

MUS 333 Advanced Keyboard Accompanying/ Chamber Music Performance	4 cr
MUS 460 Seminar in Piano Literature and Performance Practice	4 cr

Musical Theatre, Concentration IIB

This program provides entry-level skills for music theatre stage performers. The program includes the bachelor of arts in music requirements, plus the following 26 credits:

THEA 125 Acting I	3 cr
THEA 225 Acting II.	3 cr
THEA 325 Acting III	3 cr
THEA 426 Acting for Music Theatre	3 cr
THEA 117 Music Theatre Dance I.	2 cr
THEA 317 Music Theatre Dance II	2 cr
HPEA 240 Ballet	2 cr
HPEA 242 Jazz Dance	2 cr

Performance requirement, 6 credits selected from:

THEA 014, 214, 314	Acting Practicum (role in a musical)
MUS 427	Music Theatre Workshop

Jazz Studies, Concentration IIC

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.

The program includes the bachelor of arts in music requirements, plus the following 15 credits:

MUS 223 Jazz Fundamentals	2 cr
MUS 224 Jazz Improvisation I	1 cr
MUS 323 Jazz Improvisation II.	1 cr
MUS 324 Jazz Improvisation III.	1 cr
MUS 207 Jazz History	3 cr
MUS 407 Jazz Styles	2 cr
MUS 395 Music Business Seminar	2 cr
MUS 425 Jazz Arranging.	3 cr

Enrollment in Jazz Ensemble is required every semester that a student is registered as a full-time student. In addition, four semesters of concurrent enrollment in a large ensemble are required.

Degree Option in Arts Management, Concentration III

Arts management is an interdisciplinary program providing entry-level skills for a position in a cultural organization, an independent music business or corporate environment. The program includes the bachelor of arts in music requirements, plus the following 21 credits:

MKT 350	Introduction to Marketing	3 cr
or		
COMM 326	Marketing Communication and Society	3 cr

ACCT 201	Financial Accounting	3 cr
or		
ACCT 204	Accounting for Non-Business Majors	3 cr
ARMA 346	Managing Arts and Cultural Organizations	3 cr
ARMA 347	Studies an Arts Marketing	2 cr
ARMA 494	Arts Management Internship	3 cr
ARMA 496	Issues in Arts Management Seminar	2 cr
MUS 395	Music Business Seminar	2 cr

Elective

Choose one of the following 3 credit courses:

COMM 105	Public Speaking	3 cr
COMM 202	Group Problem Solving	3 cr
COMM 250	Media Message Design	3 cr
COMM 303	Organizational Communication	3 cr
COMM 305	Public Relations and Society	3 cr
HRM 343	Personnel Administration	3 cr
MGT 349	Organizational Behavior	3 cr
MGT 447	Management Techniques	3 cr
MIS 320	Management Information Systems	3 cr
MKT 358	Promotional Management	3 cr

Requirements for the Music Minor

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. Twenty to 22 credits consisting of the following courses or their equivalents must be completed. An audition is required.

MUS 001	Concert Attendance (2 semesters with a grade of “CR”)	0 cr
MUS 121	Music Theory I	2 cr
MUS 122	Music Theory II	2 cr
MUS 125	Aural Music Theory I	2 cr
MUS 126	Aural Music Theory II	2 cr
MUS 142	Keyboard Musicianship II	2 cr
MUS 202	Music Literature	3 cr
MUS 413	History of Western Music I	3 cr
or		
MUS 414	History of Western Music II	3 cr
	Major Applied Instrument	2-4 cr
	Music Ensemble	2 cr
Total		20-22 cr

Certificate in Piano Pedagogy and Literature

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 and Aural Theory I and II at UW-Parkside or by transfer. Students may also demonstrate proficiency in these areas by examination.

The certificate consists of 17 credits, including the following courses:

MUS 110/111	Applied Piano (2 semesters)	4 cr
MUS 103/333	Keyboard Accompanying and Chamber Music Performance (2 semesters)	2 cr
MUS 204	Piano Literature Survey	3 cr
MUS 305	Piano Pedagogy	2 cr
MUS 306	Advanced Piano Pedagogy	2 cr
MUS 460	Seminar in Piano Literature and Performance Practice (2 semesters)	4 cr

Courses in Music (MUS)

- 001 Concert Attendance** 0 cr
Prereq: Music major or minor. Freq: Fall, Spring.
The attendance of a minimum of 14 music programs selected from an approved concert calendar for the purpose of broadening the student’s musical experience.
- 100 The World of Music** 3 cr
Prereq: None. Freq: Fall.
Introduces the many styles and types of music heard in America today; explores contributions made by cultures from 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.
- 103 Keyboard Accompanying and Chamber Music Performance** 1 cr
Prereq: None. 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.
- 104 Orchestra** 1 cr
Prereq: None. Freq: Fall, Spring.
The study and performance of symphonic repertoire. Open to all students. May be repeated for credit.
- 106 Wind Ensemble** 1 cr
Prereq: Audition. Freq: Fall, Spring.
Study and performance of band music and music for various combinations of wind instruments, employing a single player per part. Open to all students. May be repeated for credit.
- 107 Community Band** 1 cr
Prereq: None. Freq: Fall, Spring.
A campus/community band meeting one evening per week, studying and performing a wide variety of traditional and modern band repertoire. Open to all. May be repeated for credit.
- 109 Jazz Ensemble** 1 cr
Prereq: Audition. Freq: Fall, Spring.
Study and performance of big-band literature encompassing bebop through contemporary jazz styles. Emphasis is placed on development of basic skills and ensemble techniques. Open to all students. May be repeated for credit.

UNDERGRADUATE PROGRAMS

- 111 Master Singers**1 cr
Prereq: None. Freq: Fall, Spring.
 A campus/community chorus meeting one evening per week; sings diverse styles with special attention given longer works appropriate for large chorus. Open to all students. May be repeated for credit.
- 112 Chorale**1 cr
Prereq: None. Freq: Fall, Spring.
 An all-campus choir studying and performing music of past and present, reflecting a variety of styles and cultures. Open to all; no audition required. May be repeated for credit.
- 113 Vocal Jazz Ensemble**1 cr
Prereq: Audition and concurrent enrollment in MUS 111, 112 or 114. Freq: Fall, Spring.
 A small ensemble committed to study and performance of vocal jazz literature.
- 114 Voices of Parkside**1 cr
Prereq: Audition. Freq: Fall, Spring.
 Select chamber ensemble specializing in refined performance of art, folk and popular music for small choirs. Open to all students. May be repeated for credit.
- 121 Music Theory I**2 cr
Prereq: Music major, minor or consent of instructor, concurrent registration in MUS 125. Freq: Fall.
 This course 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.
- 122 Music Theory II**2 cr
Prereq: Grade of C in MUS 121, concurrent registration MUS 126. Freq: Spring.
 This course expands 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.
- 125 Aural Music Theory I**2 cr
Prereq: Music major, minor or consent of instructor, concurrent registration in MUS 121. Freq: Fall.
 Sight singing and aural recognition of the elements of tonal music including intervals, harmony, melody, rhythm and tonality.
- 126 Aural Music Theory II**2 cr
Prereq: MUS 121 and 125 (minimum grade of C in 125) or equivalent; concurrent registration MUS 122. Freq: Spring.
 Continuation of Aural Music Theory I with an emphasis on aural recognition of the elements of 18th-century music.
- 141 Keyboard Musicianship I**2 cr
Prereq: Music major, minor or consent of instructor. Freq: Fall.
 Basic piano literature, development of keyboard sight-reading, harmonization, transposition and improvisation.
- 142 Keyboard Musicianship II**2 cr
Prereq: Music major, minor and MUS 141 (minimum grade of C-minus or equivalent) or consent of instructor. Freq: Spring.
 Continuation of MUS 141 to a higher level of performance and difficulty; includes contrapuntal literature.
- 180 Class Voice**2 cr
Prereq: None. Freq: Spring.
 Development of the elements of singing with emphasis on tone production, correct breathing and diction. Open to all students.
- 181 Basic Voice for Instrumentalists**1 cr
Prereq: None. Freq: Alternate Springs.
 Elements of singing and tone production.
- 201 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.
- 202 Music Literature**3 cr
Prereq: Music major, minor or consent of instructor. Freq: Spring.
 The development of musical perception through a variety of styles and forms.
- 203 Opera for Everyone**3 cr
Prereq: None. Freq: Occasionally.
 An introduction to the musical and dramatic elements of opera through recordings, filmstrips, videotapes and live performance.
- 204 Piano Literature Survey**3 cr
Prereq: MUS 221 and 222 or equivalent. Freq: Every third Fall.
 Survey of music for piano from the Baroque to the 20th century.
- 206 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.
- 207 Jazz History** 3 cr
Prereq: Consent of instructor. Freq: Fall.
 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.
- 213 Aesthetics**3 cr
Prereq: None. Freq: Alternate Years.
 Objectivity and criteria of art criticism, nature of aesthetic experience, nature of art. May be repeated once with different topics with consent of department chair. (Cross listed as ART 461 and PHIL 213.)
- 221 Music Theory III**2 cr
Prereq: Grade of C in MUS 122, concurrent registration MUS 225. Freq: Fall.
 Studies in diatonic seventh chords, chromaticism, secondary functions, modulatory techniques, and binary and ternary forms. Includes projects in analysis and composition.

- 222 Music Theory IV**2 cr
Prereq: Grade of C in MUS 221, concurrent registration MUS 226. Freq: Spring.
 Studies in 19th-century music, including mode mixture, Neapolitan chords, augmented sixth chords, enharmonic reinterpretation, and advanced modulatory techniques. Includes projects in analysis and composition.
- 223 Jazz Fundamentals**2 cr
Prereq: MUS 121 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: MUS 223 or equivalent 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.
- 225 Aural Music Theory III**2 cr
Prereq: MUS 122 and 126 (minimum of C in 126) or equivalent; concurrent registration MUS 221. Freq: Fall.
 Continuation of Aural Music Theory II with an emphasis on aural recognition of the elements of 19th-century music.
- 226 Aural Music Theory IV**2 cr
Prereq: MUS 221 and 225 (minimum grade of C in 225) or equivalent; concurrent registration MUS 222. Freq: Spring.
 Advanced sight singing and aural recognition of the elements of 19th- and 20th-century music.
- 241 Keyboard Musicianship III**2 cr
Prereq: Music major, minor and MUS 142 (minimum grade of C-minus) or equivalent, or consent of instructor. Freq: Fall.
 Playing of three-part scores, vocal and instrumental accompaniments, chorales, more difficult transposition and harmonization; use of pedals.
- 242 Keyboard Musicianship IV**2 cr
Prereq: MUS 241 (minimum grade of C-minus) or equivalent, 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.
- 271 Instrumental Technics-Brass**2 cr
Prereq: Music major. Freq: Alternate Springs.
 Theory and practice of playing individual instruments. Includes pedagogic techniques.
- 272 Instrumental Technics-Classroom and Fretted Instruments**2 cr
Prereq: Music major. Freq: Alternate Springs.
 Theory and practice of playing individual instruments. Includes pedagogic techniques.
- 273 Instrumental Technics-Drumset**1 cr
Prereq: Music major. Freq: Alternate Falls.
 Theory and practice of playing individual instruments. Includes pedagogic techniques.
- 274 Instrumental Technics-Strings**2 cr
Prereq: Music major. Freq: Alternate Falls.
 Theory and practice of playing individual instruments. Includes pedagogic techniques.
- 275 Instrumental Technics-Woodwinds**2 cr
Prereq: Music major. Freq: Alternate Springs.
 Theory and practice of playing individual instruments. Includes pedagogic techniques.
- 290 Special Topics in Music**1-4 cr
Prereq: None. Freq: Fall, Spring.
 Selected topics in music will be examined.
- 302 Conducting**2 cr
Prereq: MUS 221. Freq: Alternate Springs.
 The development of basic techniques for conducting: beat patterns, gestures, rehearsal techniques, etc.
- 303 Opera Literature**3 cr
Prereq: Music major, MUS 202. Freq: Occasionally.
 The study of elements of opera and their function including analysis of selected operatic examples. Not available to those with current registration in 203.
- 305 Piano Pedagogy**2 cr
Prereq: MUS 221 and 222 or equivalent. Freq: Every third Fall.
 Study of 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. Observing and practice teaching will be included.
- 306 Advanced Piano Pedagogy**2 cr
Prereq: MUS 221 and 222 or equivalent, MUS 305. Freq: Every third spring.
 Teaching the intermediate and advanced student; technical approaches, appropriate teaching literature, advanced reading skills, listening and ensemble skills. Observation and practice teaching will be included.
- 307 Diction I**2 cr
Prereq: MUSA 181, concurrent registration in applied voice, Freq: Alternate Fall
 Application of the International Phonetic Alphabet to English and Italian songs and arias.
- 308 Diction II**2 cr
Prereq: MUSA 181, concurrent registration in applied voice, Freq: Alternate Fall
 Application of the International Phonetic Alphabet to German and French songs and arias.
- 313 Music in Western Civilization I**3 cr
Prereq: MUS 201. Freq: Fall.
 A historical survey of the role of the music in western civilization from Ancient Greece to the 17th century.
- 314 Music in Western Civilization II**3 cr
Prereq: MUS 201. Freq: Spring.
 A historical survey of the role of the music in Western civilization from the 18th century to the present.

- 321 Music Theory V**.....3 cr
Prereq: Grade of C in MUS 222. Freq: Fall.
 Studies in 20th-century music including impressionism, neo-classicism, atonality, serialism, aleatoric music, minimalism, technological developments, sound mass, and new approaches to rhythm. Includes pitch-class set analysis and projects in composition.
- 323 Jazz Improvisation II**.....1 cr
Prereq: MUS 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**1 cr
Prereq: MUS 323. Freq: Spring.
 Improvisation in a small group setting utilizing tunes with advanced II-V and chromatic progressions with faster tempos.
- 326 African American Music**.....3 cr
Prereq: None. Freq: Occasionally.
 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 as ETHN 326.)
- 333 Advanced Keyboard Accompanying and Chamber Music Performance**.....1 cr
Prereq: MUS 103. Freq: Every semester.
 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.
- 341 Vocal Materials and Methods**.....3 cr
Prereq: Mus 222 or consent of instructor. Freq: Alternate Springs.
 Methods and techniques of instruction in vocal music in the secondary school.
- 342 Instrumental Materials and Methods**.....3 cr
Prereq: MUS 222 or consent of instructor. Freq: Alternate Springs.
 Methods and techniques of instruction in instrumental music in the secondary school.
- 343 Elementary School Music-Materials and Methods**2 cr
Prereq: MUS 222 or consent of instructor. Freq: Alternate Falls.
 Methods and techniques in music instruction for the elementary school, stressing technics in singing, rhythm, listening and reading-readiness activities.
- 344 General Music in the Junior and Senior High School**.....2 cr
Prereq: MUS 222 or consent of instructor. Freq: Alternate Falls.
 Methods and techniques of instruction in non-performing music classes for the junior and senior high schools.
- 355 Instrumental Conducting**.....2 cr
Prereq: MUS 302. Freq: Alternate Falls.
 Techniques of instrumental conducting including baton technique, score reading and preparation, and rehearsal techniques.
- 356 Choral Conducting and Arranging**3 cr
Prereq: MUS 302. Freq: Alternate Falls.
 Techniques of choral conducting including score reading and preparation, rehearsal techniques and choral arranging.
- 361 Instrumental Ensemble-Brass**.....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 Instrumental Ensemble-Classical Guitar**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 Instrumental Ensemble-Woodwinds**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 Instrumental Ensemble-Percussion**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 Instrumental Ensemble-Strings**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 Instrumental Ensemble-Jazz Combo**1 cr
Prereq: Audition. Freq: Fall, Spring
 Study and performance of literature for small jazz ensemble. Open to all students. May be repeated for credit.
- 395 Music Business Seminar**.....2 cr
Prereq: None. Freq: Alternate Springs.
 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.
- 407 Jazz Styles**.....2 cr
Prereq: MUS 207 or consent of instructor. Freq: Fall
 In-depth study of selected individual styles and solos through transcription and analysis.
- 413 History of Western Music I**.....3 cr
Prereq: MUS 202. Freq: Fall.
 A survey of Western music from primitive music to the early 18th century. Concept of evolutionary style changes both within music and in relation to an evolving civilization.
- 414 History of Western Music II**3 cr
Prereq: MUS 202. Freq: Spring.
 Continuation of the stylistic evolution of music from the 18th century through the present day.
- 423 Orchestration**2 cr
Prereq: MUS 222. Freq: Alternate Falls.
 A study of individual instruments; scoring practices for orchestral instruments.
- 425 Jazz Arranging**.....3 cr
Prereq: MUS 222 or equivalent and MUS 223. Freq: Alternate Falls.
 Study idiomatic writing for jazz instruments. Making written arrangements in a variety of jazz styles for small and large jazz ensembles.

- 427 Music Theatre Workshop**
Prereq: Audition. Freq: Alternate Spring
 Study, research, preparation and performance of scenes, songs, and dances from musical theatre. May be repeated for credit.
- 430 Analytic Technics**2 cr
Prereq: Minimum grade of C-minus in MUS 321. Freq: Spring.
 The structural and harmonic analysis of small and large musical forms.
- 450 Piano Teaching Practicum**1 cr
Prereq: MUS 305. Freq: Fall, Spring, Summer.
 Assigned teaching of private students and/or group classes with supervision; observation and evaluation used to develop pedagogic skills.
- 460 Seminar in Piano Literature and Performance Practice**.....2 cr
Prereq: MUS 122, 125. 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.
- 490 Special Topics in Music**1-4 cr
Prereq: None. Freq: Fall, Spring.
 Selected topics in music will be studied.
- 495 Music Composition Seminar**.....2 cr
Prereq: Consent of instructor. Freq: Fall, Spring.
 Analysis and composition. Seminar participation and individual composition lessons. May be repeated for a maximum of 8 credits.

- 497 Solo Recital**1-2 cr
Prereq: Consent of music faculty, senior standing.
Freq: Fall, Spring.
 Supervised recital preparation and performance with appropriate research and writing of the recital program notes.
- 499 Independent Study**1-5 cr
Prereq: Consent of instructor and department chair.
Freq: Fall, Spring.

Graduate Courses

- 690 Special Topics**1-4 cr
Prereq: Consent of instructor. Freq: Occasionally.
 Selected topics in music will be studied.
- 695 Advanced Music Composition Seminar**2 cr
Prereq: Consent of instructor. Freq: Fall, Spring.
 Advanced analysis and composition. Seminar participation and individual composition lessons. May be repeated for a maximum of 8 credits.
- 699 Independent Study**1-5 cr
Prereq: Consent of instructor and department chair.
Freq: Fall, Spring.

Courses in Applied Music (MUSA)

- Prereq: Available to music majors and minors. Concurrent registration in a core music course and a large ensemble is required.*
Freq: Fall, Spring.
 Instruction in piano, organ, trumpet, French horn, trombone, baritone, tuba, violin, viola, cello, string bass, classical guitar, flute, oboe, clarinet, saxophone, bassoon, voice, percussion. Consult music chair for details.

UW-MILWAUKEE/UW-PARKSIDE CONSORTIAL NURSING PROGRAM

Tallent Hall 288 • (262)-595-2480 • www.uwp.edu/academic/nursing

Degree Offered:

Bachelor of Science from UW-Milwaukee.

Dean School of Nursing:

Sally Lundeen, R.N., Ph.D., FAAN

Associate Dean for Academic Affairs School of Nursing:

Susan Dean-Baar, R.N., Ph.D., FAAN
UW-Milwaukee/UW-Parkside

Consortial Nursing Program:

Mary Jane Bloom, R.N., M.S.N.

Consortial Nursing Academic Adviser:

Jennifer Daood, B.A.

Lab Manager:

Sandy Leicht, R.N., B.S.N.

Office Manager:

Betty Damm

Student Organizations/Clubs:

Student Nurse Association of Parkside (SNAP)

Department Overview

The School of Nursing offers a bachelor of science degree (B.S.) in nursing and a master of science degree (M.S.). The M.S. program is designed to prepare nurses for advanced nursing practice in the community and institution-based settings. The program offers two clinical tracks including clinical nurse specialist and nurse practitioner preparation. Eight core nursing graduate courses for the M.S. program are offered at the UW-Parkside campus on a rotation schedule. Please see the adviser for more information on the M.S. graduate courses.

These nursing programs are fully accredited through the state of Wisconsin Board of Nursing and the Commission on Collegiate Nursing Education. UW-Milwaukee also offers a doctor of philosophy degree (Ph.D.) 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.

Students are admitted to UW-Parkside, complete pre-nursing courses as UW-Parkside students, and receive 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 health-care agencies in the Racine-Kenosha-Walworth county area. This UW-Parkside catalog states policies specific to the 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 in Tallent Hall 288.

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.

The program prepares students for beginning 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.

The Nursing Learning Resource Center (NLRC), which serves 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. It is also a resource in the development and evaluation of media.

The Center for Nursing Research and Evaluation staff work to develop the research potential of nursing faculty, students, and the nursing community they serve. Personnel offer consultation in research design, methodology, data analysis, computer programming, grant proposal writing, and writing for publication. Center staff assist faculty who have nursing research facilitator appointments in local clinical agencies; and they contract to provide research-related services to agencies that do not have direct faculty support.

The nursing centers at House of Peace, Riverwood Pierce, Shalom Center, and Silver Spring Neighborhood Center have three purposes:

1. Provide opportunities for nursing students to conduct health screening, health assessment and information, and support activities.
2. Demonstrate nursing as an accountable health care profession.
3. Provide low-cost health promotion care to the Milwaukee community and southeastern Wisconsin. Service programs simultaneously promote faculty practice and research activities as well as student learning experiences. Student participation in the centers' programs is guided by faculty.

Congruent with the philosophy and urban mission of the School of Nursing, the Continuing Education and Outreach Program has the commitment to provide high quality, accessible, educational programming to a wide range of practitioners of nursing, allied health professionals and consumers of health care in southeastern Wisconsin. These programs consist of short-term, non-credit workshops and conferences located in the Milwaukee community, with the option of contracting for courses outside the Milwaukee community. Programs have been held on topics in basic physical assessment, gerontology, occupational health, community health, mental health, pharmacology, clinical update for advanced practice nurses, and maternal child health.

The Center for Nursing Cultural Diversity and Health houses a collection of comprehensive health behavior information for culturally diverse groups in the Milwaukee community. The major goal of the center is to promote the delivery of quality health and nursing care for culturally diverse individuals, families, groups, and communities. To meet this goal, the Center provides students, faculty, and health professionals stimulating learning opportunities in health care for culturally diverse groups through continuing education seminars, clinical practice models, and research in meeting health needs of culturally diverse groups.

The School of Nursing's Center for Nursing History includes the Inez G. Hinsvark Historical Gallery, a unique learning resource located on the ground level of Frances Cunningham Hall at UW-Milwaukee. The significant role of nurses in history is brought to life by artifacts, mementos, and photographs as well as borrowed collections.

Requirements for Employment, Licensing, or Professional Organizations

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.

Admission to Pre-professional Nursing Program

Students intending to pursue study in professional 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 (required by UW-Milwaukee)
- 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 (required by UW-Milwaukee)

Pre-nursing students are admitted to UW-Parkside as matriculants and are classified on that campus 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. Enrollment in required courses is subject to limitation due to demand on university resources.

Registered Nurses – Collaborative Program (R.N.-B.S.N. Completion)

Flexible, affordable options have been arranged for registered nurses. These include credit by examination, transfer credits for previous college-level course work, and fees for only those courses actually enrolled in.

Registered nurses who wish to earn a baccalaureate degree can progress through the program on a full- or part-time basis, at a rate compatible with their other personal and professional commitments. Nurses who graduated from Blackhawk Technical College, Gateway Technical College, Lakeshore Technical College, Moraine Park Technical College, Waukesha County Technical College, or Wisconsin Indianhead Technical College after December 31, 1989, can transfer credits from these programs through formal VTAE articulation agreements.

Admission:

Registered nurses follow UW-Milwaukee admission procedures with deadlines well in advance of the beginning of each semester. Therefore, individuals interested in entering the program should consult with the nursing adviser (262-595-2480) and begin the

application process as early as possible. Registered nurse students are admitted directly into the nursing major.

The registered nurse program is taught through distance education and classroom courses. Six advanced nursing courses are required in addition to other university requirements. Advisers complete individual plans for each R.N.

Degree Requirements:

Registered nurse students must earn a minimum of 124 semester credits to complete requirements for the undergraduate degree. A cumulative GPA of 2.0 for all credits earned at UW-Milwaukee is required for graduation. The last 30 semester credits must be completed on the UW-Milwaukee campus; at least 20 of these credits must be earned in nursing.

Demonstration of mathematics and English proficiency by registered nurse students is a requirement for enrollment in Capstone Practicum for Registered Nurses (445). Refer to the UW-Milwaukee Schedule of Classes for definition of competencies.

Nursing:

Registered nurse students are permitted to enroll in courses out of the usual sequence in the undergraduate curriculum with the exception of Capstone Practicum for Registered Nurses (445). This is the final course and all other required courses are pre-requisites to this course.

Thirty nursing credits are awarded for previous nursing experience when the first nursing core course is completed with a minimum grade of C or higher.

Advanced Nursing Courses:

317	Health Assessment *	4 cr
341	Theoretical Foundations of Nursing*	4 cr
434	Nursing Research*	3 cr
437	Nursing Management & Leadership*	4 cr
444	Community*	3 cr
445	Capstone Practicum	4 cr

* Nursing Electives 7-10 credits

* Distance education courses taught as part of the UW System Collaborative Nursing Program. Equivalent courses are available on campus.

Credit Totals (124 credits)

Non-nursing	64 cr
Nursing	30 cr
Previous nursing credit	30 cr

Non-Nurse College Graduates/ Accelerated Program/ Second Degree Students

After prerequisites are met, non-nurse college graduates may be admitted into an accelerated progression of three semesters and one summer to complete the nursing curriculum. Students may take their prerequisite course work on the UW-Parkside campus, but apply for admission to the accelerated option at UW-Milwaukee, where the program is offered. Individuals' records,

including consideration of related work experiences, are assessed to assign transfer credit for previous college-level course work and to offer opportunities for credit by examination. Because their course schedule is highly demanding, students in the accelerated option need to confer with the nursing adviser as soon as they contemplate enrollment, to plan their individual programs.

Policies and Procedures of the School of Nursing

The policies and procedures of the School 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.

Admission into the Nursing Major

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 School of Nursing Undergraduate Program Committee reviews the applications and makes recommendations for admission.

Application Deadline

Students who seek to enter the nursing major in September must submit applications by January of that year. Applications received after this date will be reviewed on a space-available basis. Students who have completed 15 credits of required courses with a cumulative GPA of 3.5 or higher may be eligible for earlier admission. Such students should consult the nursing adviser.

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
Sociology	Sociology Course	3 cr
ENGL 201	English **	3 cr
PHYS 101	Principals of Physics**	4 cr
BIOS 105	Anatomy and Physiology I	4 cr
BIOS 106	Anatomy and Physiology II	4 cr
BIOS 190	Fundamentals of Human Nutrition	2 cr
BIOS 202	Microbiology	4 cr
PSYC 101	General Psychology	3 cr
PSYC 210	Introduction to Human Development	4 cr
Social Science	Social Science Course	3 cr
NURS 101	Cultural Diversity in Health Care	3 cr
NURS 102	Perspectives on Health Care Systems	2 cr
NURS 300	Nursing Research	2 cr

Total 49 credits

- 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 GPA of 2.5 on a 4.0 scale. This GPA is computed on the courses listed above.
- 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 clinical major. Information about competency testing is available through your adviser. A one-page, typed personal statement is also part of the nursing application and should include the following information: 1) Reasons for choosing nursing and UWM 2) Statement of long-term plans and goals 3) Description of work/life experience and how these are viewed in relation to nursing.
- G. 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 school of nursing. The letter should reflect a positive recommendation for the student's progression into the nursing major.
- H. An interview with the student making application may be requested at the discretion of the Undergraduate Program Committee.
- I. 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.
- J. In keeping with the urban mission of the university, the School of Nursing may give special consideration to students of minority and disadvantaged backgrounds.
- ** Enrollment in freshman-level courses is based on placement test scores. Depending on the outcome of the placement tests, one or more of the following preparatory courses may be required before enrollment in higher level courses is permitted: CHEM 090, CHEM100, Academic Skills 010, 015, MATH 111, ENGL 090, 100, 101. Credits earned at the 010/090 level in preparatory courses do not apply to the 124 credits required for graduation.

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 School of Nursing reserves the right to require a student to

seek advice of health-care professionals where it is believed that a condition of health would impede his/her progress or jeopardize the health of others. The School of Nursing does not discriminate based on a disability and provides reasonable accommodation to qualified students on an individual basis.

Other requirements:

- A. Prior to enrolling in Foundation of Clinical Practice I (NURS 331), students will be expected to have some knowledge of a computer word-processing application. It is not recommended that students wait until they are in the course to learn this application due to time constraints. It will also be helpful if students become familiar with computer assisted library research and applications of databases.
- B. Prior to enrolling in the first clinical practice course, Foundation of Clinical Practice I (NURS 331) 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.

Student Responsibilities in the 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 School 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 School 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 requirements may not continue in a clinical nursing practicum course.

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 nursing adviser at the earliest possible date.

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, a one-time investment, is sent to each student with the official letter of acceptance into the major. Students purchase their uniforms after acceptance.

School 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. (See above.)

In addition to maintaining a cumulative GPA of 2.0, a student must earn at least a grade of C (2.0) in each required nursing course. (In a practicum course, a student must earn at least a grade of 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.

Following admission in the nursing major, a student who wishes to drop from a required or elective clinical nursing course or to withdraw must discuss the matter with the instructor, adviser, coordinator, director of undergraduate programs and associate dean for academic affairs. 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 clinical major. Information about the procedure for applying for readmission is available in the nursing adviser's office.

Grievance Procedure

The School of Nursing has a formal written grievance procedure, available in the nursing adviser's 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 School 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 degree. A cumulative GPA of 2.0 for all credits earned at UW-Parkside and UW-Milwaukee is required for graduation. The last 30 semester credits must be completed on the UW-Parkside campus; at least 20 of these credits must be earned in nursing. The required courses are listed below.

General Education Requirements (*GER) and Pre-Nursing Prerequisites

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
ENGL 201	Advanced Composition	3 cr
A Sociology Course	. . . . .	3 cr
PSYC 101	General Psychology	3 cr
PSYC 210	Introduction to Human Development	4 cr

Social Science

Social Science Elective	3cr
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Physical Sciences

CHEM 115	Chemical Science	4 cr
CHEM 215	Introductory Biochemistry	4 cr
PHYS 101	Principles of Physics	4 cr

Biological Sciences

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

Electives* (4 credits)**Nursing**

NURS 101	Cultural Diversity in Health Care. . . .	3 cr
NURS 102	Perspectives on Health Care Systems . .	2 cr
NURS 205	Clinical Pharmacology	3 cr
NURS 211	Health Assessment	3 cr
NURS 300	Introduction to Nursing Research. . . .	2 cr
NURS 315	Nursing Science I: Promoting and 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.	4 cr
	Care of the Adult	
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 Care of Aggregates	3 cr
NURS 440	Nursing Specialty Elective.	2 cr
NURS 442	Nursing Practice I.	8 cr
NURS 443	Nursing Practice II	8 cr

* All students are responsible for checking whether they must meet the UW-Milwaukee General Education Requirements (written above).

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 School 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, and
4. 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.

Courses in 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
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 or 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 life span considerations.
- 211 Health Assessment**3 cr
Prereq: NURS 315, 331 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
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
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.
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: Admission to nursing major 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 major or consent of adviser. 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, NURS 320, NURS 321, NURS 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**.....4cr
Prereq: NURS 321, NURS 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 Foundations of Clinical Practice I**5 cr
Prereq: Admission to nursing major. Freq: Fall.
 Introductory course includes communication, philosophy, theory, 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 331, NURS 205, NURS 321. 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, NURS 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, NURS 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**
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 Elective**.....2 cr
Prereq: Admission to nursing major, NURS 403, 415, 442.
 Topics of current interest in nursing specialty areas.
- 442 Nursing Practice I** 8 cr
Prereq: Admission to major, NURS 334, NURS 205, NURS 321, NURS 327, NURS 328. 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 major, NURS 442, 403. Freq: Spring.
 Clinical practice course for providing nursing care to individuals, families, groups, and communities.

PHILOSOPHY

Communication Arts 265 • (262) 595-2331 • www.uwp.edu/academic/philosophy

Degree Offered:

Bachelor of Arts.

Professor:

Cress, Ph.D.

Associate Professors:

Longeway, Ph.D. (Chair)

Assistant Professor:

Zaibert, Ph.D.

Instructor:

Pearson, M.A.

Professional Accreditations or Memberships:

American Philosophical Association, Philosophy of Science Association

Student Organizations/Clubs:

Parkside Philosophical Society

Career Possibilities:

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 work to law to business.

Department Overview

“The unexamined life is not worth living.”

- Socrates

Philosophy is the rational investigation of those truths about reality, knowledge and values essential to understanding the place of human beings in the world and the nature of the good life. It includes within its scope both the study of logic and scientific method, including the metaphysical presuppositions of the sciences, and the investigation of ethical and political values, and so it often provides reflective insight for other fields of study.

The Philosophy department 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, which are cross listed in other departments.

Preparation for Graduate School

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 and law.

Requirements for the Philosophy Major

The major in philosophy consists of a minimum of 36 credits in philosophy courses. The following requirements apply to all majors:

1. PHIL 102 Great Thinkers (3 credits) and PHIL 201 Logic (3 credits) are required.
2. At least 15 credits of upper-level courses in the major must be completed at UW-Parkside. PHIL 410 Senior Seminar in Philosophy (3 cr), 496 Directed Study and 499 Independent Study do not count toward these 15 credits.
3. No more than 6 credits of PHIL 496 Directed Study and 499 Independent Study, will count toward the major.
4. A grade of C-minus or higher is required in any course to be counted toward the major.
5. A 2.50 or better GPA in courses counting toward the major is required. Not all philosophy courses need be counted toward the major.
6. In the senior year, philosophy majors must take PHIL 410 Senior Seminar, and in connection with this course, prepare a portfolio of work done at UW-Parkside demonstrating competence in the presentation and evaluation of philosophical issues.
7. All majors are required to pass three out of four area examinations in the senior year. These exams are given in (1) ethics, value theory and social and political thought; (2) the history of philosophy; (3) metaphysics and philosophy of mind; and (4) epistemology, logic and the philosophy of science. The examinations will consist of essay/research questions which the individual student may propose but must be agreed to by the examiner, and they will be assessed by the faculty of the entire department. With departmental approval, revisions of papers written for courses may be used to satisfy this requirement.
8. All seniors in the major are required to present a paper before a joint meeting of the department and the Parkside Philosophical Society.

Requirements for the Philosophy Minor

The minor in philosophy consists of a minimum of 18 credits in philosophy. The following requirements apply to all philosophy minors:

1. At least 15 credits must be taken in courses numbered over 200.
2. At least 9 credits must be taken at the 300 level or above at UW-Parkside.

3. A grade of C-minus or higher is required in any course to be counted toward the minor.
4. A 2.50 or better GPA in courses counting toward the minor is required.

Requirements for the Minor in Philosophy of Natural Science

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. Eighteen credits of course work will be required to complete the minor.

I. Required Courses:

Philosophy

PHIL 105	Introduction to Scientific Thought . . .	3 cr
PHIL 201	Logic	3 cr
PHIL 310	Philosophy of Science	3 cr

History

HIST 221	Beginnings of Science	3 cr
or		
HIST 222	History of Modern Science since 1750 .	3 cr

II. Electives (Choose 2):

GSCI 102	Science and Pseudoscience	3 cr
PHIL 102	Great Thinkers	3 cr
HIST 221	Beginnings of Science	3 cr
or		
HIST 222	History of Modern Science since 1750 .	3 cr
MATH 373	History of Mathematics	3 cr
PHIL 303	Set Theory and Logic	3 cr
	(Cross listed as MATH 303)	
PHIL 203	Truth, Knowledge and Belief	3 cr
PHIL 204	Reason and Reality	3 cr
PHIL 310	Philosophy of Science	3 cr
	(may repeat with different topic)	

Other courses will be accepted as electives from time to time as suitable.

Courses in Philosophy (PHIL)

Students who are required to take English 100 should not enroll in a philosophy course until they have satisfactorily completed English 100.

- 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: Fall.
 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.

- 104 Introduction to Human Values**3 cr
Prereq: None. Freq: Yearly.
 An examination of social controversies from a number of value perspectives including those of moral choice, social policy, religious doctrine and scientific theory.
- 105 Introduction to Scientific Thought**.....3 cr
Prereq: None. Freq: Yearly.
 This course provides a general introduction to the purposes, philosophy, and procedures of the natural sciences through a discussion of scientific thought and value selection. Issues discussed include methods of scientific investigation, hypothesis formation, and theory selection; science vs. pseudoscience; and science and social values.
- 200 Topics in the History of Philosophy**3 cr
Prereq: None. Freq: Spring.
 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: Fall.
 Emphasis on basic skills of critical thinking, in particular the construction and analysis of arguments in every day life. Formal and informal arguments are investigated.
- 203 Truth, Knowledge and Belief**3 cr
Prereq: None. Freq: Alternate years.
 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: Alternate years.
 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, Spring.
 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: Yearly.
 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**.....
Prereq: One of the following: POLS 100, 105, PHIL 101, HIST 118. Freq: Occasionally.
 The works of the classical Greek political philosophers, Solon through Aristotle. (Cross listed as POLS 207.)

- 213 Aesthetics**3 cr
Prereq: None. Freq: Yearly.
 Objectivity and criteria of art criticism, nature of aesthetic experience, and nature of art. Papers on theory and criticism will be required from students in ART 461, or any other 300- or 400-level course. May be repeated once under different topics by consent of department chair. (Cross listed as MUS 213 and ART 461).
- 215 Contemporary Moral Problems**3 cr
Prereq: None. Freq: Alternate years.
 Discussion of contemporary moral problems and related theoretical issues, focusing on such issues as sexual morality, punishment, abortion, racism, sexism, warfare and civil disobedience.
- 220 Politics, Law, and Society**3 cr
Prereq: None. Freq: Yearly.
 Issues in political philosophy such as the nature and justification of political doctrines and systems, and analysis of such concepts as justice, freedom, equality and authority. May be repeated once for credit with different content. (Cross listed with POLS 221.)
- 231 Christian Thought**3 cr
Prereq: None. Freq: Fall.
 Topics in Christian philosophy, both historical and contemporary (i.e. faith and reason, St. Augustine, contemporary Christian). May be repeated once for credit with different topic.
- 290 Special Topics in Philosophy**1-4 cr
Prereq: None. Freq: Occasionally.
 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: Spring.
 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: PHIL 201 or MATH 223 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 as MATH 303.)
- 304 Theories of International Relations**3 cr
Prereq: POLS 104 or consent of instructor. Freq: Spring.
 Contemporary theories of international relations with selected applications to current issues of relationships in international politics. (Cross listed as 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 100, 105, PHIL 101, HIST 119, 120 or consent of instructor. Freq: Alternate Springs.
 Exploration of the origins of liberalism, conservatism and socialism. Readings include Machiavelli, Locke, Rousseau, Mill, DeToqueville, and Marx. (Cross listed as POLS 306.)
- 307 Contemporary Political Thought**3 cr
Prereq: One POLS or PHIL course. Freq: Yearly.
 Explores major ideas, directions, issues, and problems of contemporary political thinkers. Philosophical dimensions of contemporary political and social problems; applications of concepts to contemporary problems. (Cross listed as POLS 307.)
- 310 Philosophy of Science**3 cr
Prereq: PHIL 105 or 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 science, culture and values, and science versus pseudoscience. May be repeated once for credit.
- 315 Metaphysics**3 cr
Prereq: PHIL 204 or 205 or consent of instructor. Freq: Alternate years.
 Topics relating to the fundamental nature of reality and of the human condition (i.e., freewill, mind/body, the meaning of life, etc.) May be repeated once for credit.
- 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: Yearly.
 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.
- 410 Senior Seminar in Philosophy**3 cr
Prereq: Senior standing in the philosophy major. Freq: Fall.
 Preparation of senior portfolio in philosophy, senior area examinations, and paper to be presented to the department.
- 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.

PHYSICS

Greenquist 344 • (262) 595-2326 • <http://rustam.uwp.edu/>

Degree Offered:

Bachelor of Science.

Professors:

Greenebaum, Ph.D. (Emeritus); Mohazzabi, Ph.D.

Associate Professor:

Schmidt, Ph.D.

Senior Lecturer:

James, M.S. (on leave).

Visiting Assistant Professor:

Bruning, Ph.D.; Williams, Ph.D.

Student Organizations/Clubs:

Society of Physics Students

Department Overview

The Physics Department offers a rigorous and well-balanced program of courses leading to a bachelor of science degree in physics. The 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 faculty is active in research. Current areas of research interest include astrophysics, computational physics, condensed-matter 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.

The department is host to a chapter of the Society of Physics Students, a national organization run by the American Institute of Physics.

Requirements for the Physics Major

The physics major consists of at least 42 credits of core and elective 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.

PHYS 201	General Physics I	5 cr
PHYS 202	General Physics II.	5 cr
PHYS 205	Modern Physics	3 cr
*	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

* This course is currently offered as PHYS 290

The following courses from related disciplines are required:

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

Strongly recommended for all majors; required for education licensure:

CHEM 101	General Chemistry	5 cr
CHEM 102	General Chemistry	5 cr
CSCI 241	Computer Science I	4 cr
ENGR 250	Digital Logic and Computer Organization	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

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

Two additional physics courses are required. One (3 credit) at the 300 level or above and one (3 credit) at the 200 level or above. The following mathematics courses are required:

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.

Frequency of Offerings

Evening Program

The following planned sequence of offerings will be adhered to whenever possible; students are nevertheless urged to consult their faculty advisers concerning possible departures. In the following tables, F = fall offering; S = spring; SU = summer; Alt F odd = course offered in the fall of odd-numbered years; Alt S even = course offered in the spring of even-numbered years; * = evening course.

The following PHYS courses are scheduled for yearly offerings: 101 (F, S, SU), 105 (F), 106 (S), 110 (F, S, SU), 201 (F, S*), 202 (S), 495 (F, S), 499 (F, S, SU).

The following PHYS courses are scheduled for alternate year offerings; the tentative schedule of semesters is as given below: 205 (Alt F even), Scientific Programming (currently PHYS 290; Alt F odd), 301 (Alt F even), 302 (Alt F odd), 303 (Alt S odd), 306 (Alt S even), 307 (Alt F even), 403 (Alt S odd), 441 (Alt S even).

Upper-level courses are not generally offered in the evening, but students requiring extended timetable schedules can sometimes make arrangements with the course instructor.

Teacher Licensure

Students seeking teacher licensure in the physics major or minor must fulfill Wisconsin Department of Public Instruction requirements; therefore, their course requirements may differ from those of the non-teaching major and minor. Information about the teacher education program and additional requirements for licensure can be obtained from the teacher education adviser at (262) 595-2100.

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 Physics4 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.

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 II5 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 Astronomy3 cr

Prereq: None. Freq: Fall, Spring.

Astronomy for non-scientists. Largely nonmathematical. Planets, stellar evolution, galactic systems, cosmology. Three-hour lecture. (Cross listed as GEOS 110.)

201 General Physics I5 cr

Prereq: MATH 221 (grade of C or higher) or concurrent registration (only with grade of B or higher in MATH 114 or equivalent). One year high school physics or PHYS 101 required.

Freq: Fall, Spring.

Mechanics, heat, and sound. For physical science and engineering majors. Three-hour lecture; one-hour discussion; three-hour lab.

202 General Physics II5 cr

Prereq: PHYS 201; MATH 222 or concurrent registration. Freq: Fall, 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 Physics3 cr

Prereq: PHYS 202. Freq: Alternate Falls.

Special relativity. Elements of quantum mechanics. Introduction to atomic, molecular, solid state, nuclear, and particle physics. Three-hour lecture.

* Scientific Programming3 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.

* currently offered as PHYS 290

290 Special Topics in Physics1-4 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/discussion. (Cross listed as ENGR 301.)

302 Electricity and Magnetism4 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/discussion. (Cross listed as ENGR 302.)

- 303 Computational Physics**3 cr
Prereq: PHYS 205; MATH 223, Scientific Programming, 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.
- 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.

POLITICAL SCIENCE AND LAW

Molinaro 367 • (262) 595-2316 • www.uwp.edu/academic/political.science

Degree Offered:

Bachelor of Arts.

Professors:

Gurnack, Ph.D.; Murin, Ph.D.

Associate Professors:

James, Ph.D.; Tebben, J.D., Ph.D.

Assistant Professors:

Monardi, Ph.D.; Olsen, Ph.D.

Professional Accreditations or Memberships:

American Political Science Association

Student Organizations/Clubs:

Prelaw Society, Wingspread Fellows

Career Possibilities:

For information about graduate school, law school or careers in political science, visit the department's website at www.uwp.edu/academic/political.science.

Department Overview

The Political Science Department and Law at UW-Parkside provides many educational opportunities for the undergraduate student. The department's strengths are in American politics, comparative politics, international relations, public policy and administration, 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.

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.

Requirements for Admission to the Political Science Major

1. Overall GPA of 2.25 or higher in at least 15 credits of course work taken at UW-Parkside.
2. At least two courses in political science in courses numbered 100 through 105.
3. GPA of 2.5 in political science courses taken under item 2, with no grade lower than C (C-minus does not count).

Entrance Requirements for a Political Science Major with a Concentration in Legal Studies

1. Overall GPA of 2.25 or higher in at least 15 credits of course work taken at UW-Parkside.
2. At least two courses in political science in courses numbered 100 through 105.
3. GPA of 2.5 in political science courses taken under item 2, with no grade lower than C (C-minus does not count).

Requirements for the Traditional Political Science Major

This department offers the equivalent of two majors: the traditional major in political science and a major in political science with a concentration in legal studies. Students need to complete the requirements of one major. For example, a student choosing to major in political science with a concentration in legal studies needs to meet the requirements listed under the concentration in legal studies. The major in political science consists of a minimum of 32 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. These credits are to be distributed as follows:

A. Three of the following introductory courses: (9 credits)

POLS 100	American Politics
POLS 103	Introductions to Comparative Politics
POLS 104	Introduction to International Relations
POLS 105	Political Beliefs
POLS 202	Public Policy

B. The two following courses: (6 credits)

POLS 200	Research Methods and Sources
POLS 206	Applied Statistical Research in Political Science*

C. The following advanced courses with at least one course in each of the three course groups identified below: (9 credits)

American Politics: POLS 214, 215, 216, 320, 360, 365, 375, 385, 395

World Politics: POLS 224, 304**, 330, 331, 332, 341, 350, 415

Political Theory: POLS 207, 304**, 306, 307

D. And at least two additional courses numbered 300 or above: (6 credits)

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. POLS 445 Senior Seminar in Political Science . . . 2 cr

* POLS 200 and 206 are required of all political science majors, minors and students with a declared area of concentration. Double majors (e.g. political science and sociology/anthropology) and students pursuing a legal studies concentration with majors in another department must complete POLS 200 and 206 even if they have already taken a methods course in the department of their other major.

** Students may count POLS 304 for world politics or political theory, not for both.

All students must complete their degree program within 10 years of declaring a major or minor in political science, or the concentration in legal studies, 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.

Law Concentration

UW-Parkside offers a bachelor of arts degree for students interested in pursuing a career in law or legal studies. Students interested in this concentration will take a bachelor of arts degree in political science with course work done in various disciplines with a special relevance to the field. The concentration brings together the most significant perspectives and tools required for a thorough preparation in legal studies.

Students with career goals in the area of practicing law, teaching law, and court administration would be good candidates for this concentration. 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 36 credits. These credits are distributed as follows:

1. Required courses (24 credits):

POLS 100	American Politics	3 cr
POLS 200	Research Methods and Sources*	3 cr
POLS 206	Applied Statistical Research in Political Science*	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	Legal Studies Capstone	3 cr

2. Three credits from the following: (3 credits)

POLS 103	Introduction to Comparative Politics	3 cr
POLS 104	Introduction to International Relations	3 cr
POLS 105	Political Beliefs	3 cr

3. Nine credits from the following with at least 3 of the credits in POLS: (9 credits)

POLS 302	Environmental Policy & Politics	3 cr
POLS 315	Diversity Law: Tribal Nations	3 cr
POLS 316	Diversity Law: African Americans	3 cr
POLS 351	Constitutional Law: Criminal Procedure.	3 cr
POLS 415	International Law	3 cr
BUS 372	Business Law.	3 cr
CRMJ 316	Criminal Justice Procedures	3 cr
HRM 342	Labor Relations Law.	3 cr
PHIL 490	Special Topics: Philosophy of Law.	1-3 cr
HPEA 400	Sport Law	3 cr
SOCA 359	Sociology of Law	3 cr
COMM 485	Designing Conflict Intervention.	3 cr
POLS 400	Internship	3 cr

4. Strongly recommended:

PHIL 201	Logic.	3 cr
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* See note on POLS 200 and 206 under political science major requirements.

** A maximum of 3 credits of internship can be applied to the 9 credits required in this category

Political Science Minor

The following are the requirements for the political science minor (18 credits):

One introductory course (100 level)

POLS 200	Research Methods and Sources*	3 cr
POLS 206	Applied Statistical Research in Political Science*	3 cr

One additional 3-credit course at the 200 level. Two courses at the 300 level.

Public Policy Studies Minor

Public policy studies are on the cutting edge of political science. The discipline enables students to concentrate on this area. It is a natural foundation for subsequent policy studies, graduate

work, post-baccalaureate work in public administration, and work in the public sector. The minor allows non-majors to examine the public policy and political implications of major societal decisions. The following courses are required for the public policy studies minor (18 credits):

A. 9 Credits

POLS 100	American Politics	3 cr
POLS 200	Research Methods and Sources*	3 cr
POLS 202	Public Policy	3 cr
POLS 206	Applied Statistical Research in Political Science	3 cr

(Recommended for students who wish to take certain advanced courses such as POLS 360, 385, etc. Please check with the instructors of these courses and review course descriptions.)

B. 9 Credits

C. At least two additional political science courses chosen from the following: POLS 214, 224, 250, 302, 360, 365, 385 and those 490 courses with a policy focus. In addition:

Three credits of POLS 400 Internship, are strongly recommended but not required.

* See note on POLS 200 and 206 under political science major requirements.

In addition, public policy minors are strongly encouraged to develop a curricular plan that includes courses in business, the behavioral sciences, other social sciences, statistics and computers.

Teacher Licensure

Students seeking teacher licensure in the political science major or minor must fulfill Wisconsin Department of Public Instruction requirements; therefore, their course requirements may differ from those of the non-teaching major and minor. Students who are pursuing a major in political science must complete at least 34 credits. These credits are to be distributed as follows:

A. Three of the following introductory courses: (9 credits)

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. The two following courses: (3-6 credits)

POLS 200	Research Methods and Sources	3 cr
POLS 206	Applied Statistical Research in Political Science	3 cr

(Recommended, but required for entrance into certain upper level courses. See individual course listings and contact the instructor.)

C. The following advanced courses with at least one course in each of the three course groups identified below: (9 credits)

American Politics: POLS 214, 215, 216, 320, 360, 365, 375, 385, 395

World Politics: POLS 224, 304**, 330, 331, 332, 341, 350, 415

Political Theory: POLS 207, 304**, 306, 307

D. An additional 13 credits of political science courses, 6 credits must be in courses numbered 300 and above: (13 credits)

Information about the teacher education program and additional requirements for licensure can be obtained from the teacher education adviser at (262) 595-2100.

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 policymaking in a pluralistic democratic system.

103 Introduction to Comparative Politics 3 cr

Prereq: None. Freq: Fall.

Introduction to comparative governments with selected first-, second-, and third-world examples. Structural and functional evaluation of comparative performance in areas of political systems, economic programs, social equality and quality of life.

104 Introduction to International Relations 3 cr

Prereq: None. Freq: Fall, Spring.

Historical development of the international political system, basic foreign policy analysis, conflict and cooperation among nation states and emphasis on current issues in international systems (terrorism, arms races/arms control, ecology).

105 Political Beliefs 3 cr

Prereq: None. Freq: Fall, Spring.

Introduction to liberalism, conservatism, socialism, fascism and concepts of liberation. Discussion of the current political uses of these ideas.

130 State and Local Politics 3 cr

Prereq: None. Freq: Alternate years.

Comparative analysis of political behavior, policy structures and policy outputs across states and localities. Special emphasis on Wisconsin politics.

200 Research Methods and Sources 3 cr

Prereq: Completion of POLS introductory sequence.

Freq: Spring, Summer.

Methods, philosophy and sources of political science research. Required for the major in political science and for the concentrations in administration of justice and legal studies; and for all departmental minors.

UNDERGRADUATE PROGRAMS

- 202 Public Policy**3 cr
Prereq: POLS 100. Freq: Yearly.
 The processes, problems, methods and issues involved in the formulation of public policies. Emphasis on policy formation at the national, state and local levels. A significant portion of the course will be devoted to international and comparative policy issues. Case studies employed.
- 203 Women, Power and Politics**3 cr
Prereq: None. Freq: Every third semester.
 Examination of the environmental, systematic and political variables that define the existing and potential political position of women in a variety of international cultures.
- 206 Applied Statistical Research in Political Science**3 cr
Prereq: POLS 200 or concurrent registration. Freq: Spring, Summer.
 Application of methodological and statistical concepts covered in POLS 200, descriptive and inferential statistics, multi-variate analysis and use of such computer-based analysis as SPSS. Original research project using primary data sources required. Required for the major in political science and for the concentrations in administration of justice and legal studies, and for all departmental minors.
- 209 Legal Research and Writing**.....3 cr
Prereq: POLS 100. Freq: Spring.
 Analysis of the 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.
- 250 Introduction to Public Administration**.....3 cr
Prereq: POLS 100. Freq: Alternate years.
 Contemporary public administration theory and practice. The impact of politics on administrative decision making. Case studies and simulations where applicable.
- 291 Contemporary Political Issues**.....3 cr
Prereq: POLS 100 or consent of instructor. Freq: Occasionally.
 Examination of issues, problems, and events of current interest. Subject matter varies. May be taken as often as a new topic is featured.
- 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.

American Politics

- 214 Legislative Politics**.....3 cr
Prereq: POLS 100. Freq: Alternate years.
 Analysis of the nature of Congressional behavior, the legislative process, and the structure of Congress. Case studies included. Problems of Congressional reform.
- 215 The Presidency**.....3 cr
Prereq: POLS 100. Freq: Alternate years.
 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: Spring.
 Utilizing the case approach, students will analyze the structure of the legal system, the process of judicial decision making, legal remedies, and will be introduced to substantive areas of the law, including contracts, property, family law and torts.
- 360 Political Parties and Interest Groups**3 cr
Prereq: POLS 100, 200 (or concurrent registration in 200). Freq: Alternate years.
 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.
- 365 Theories of Public Organization**3 cr
Prereq: POLS 100. Freq: Occasionally.
 Focuses on the classic literature and theories of public organizations. Topics include scientific management, human relations, systems thinking, the consumer satisfaction paradigm and modern theories of bureaucracy.
- 375 Campaigns and Elections**.....3 cr
Prereq: POLS 100 and 200 (or concurrent registration in 200). Freq: Alternate years.
 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 and 206 (or concurrent registration in 200 and 206). Freq: Alternate years.
 Formation and interpretation of public opinion and consequence for governance. An analysis of the strengths and weaknesses of opinion surveys will be featured.
- 395 Voting Behavior and Political Participation**.....3 cr
Prereq: POLS 100, 200 & 206 (or concurrent registration in 200 and 206). Freq: Alternate years.
 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.

World Politics

- 224 American Foreign Policy**3 cr
Prereq: One POLS course or junior standing. Freq: Alternate Springs.
 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.
- 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 as PHIL 304.)

- 330 European Politics**3 cr
Prereq: POLS 103 or 104. Freq: Alternate years.
 Cultural foundations, political institutions, processes and problems of selected industrial democracies in Europe. Special focus on the institutions and history of the European Union.
- 331 The Politics of Developing Nations**3 cr
Prereq: POLS 103 or 104, 200 and 206. Freq: Occasionally.
 Political systems in selected African, Middle Eastern, Asian and Latin American countries. Problems of developing political institutions to cope with and generate processes of social change, economic development and cultural independence.
- 332 Communist Political Systems**.....3 cr
Prereq: POLS 104, 200 and 206. Freq: Occasionally.
 Ideological foundations, institutions and political dynamics of communist political systems. Problems of revolutionary change, political and economic development, and nationalism in a Marxist-Leninist context.
- 341 International Conflict and Cooperation**.....3 cr
Prereq: POLS 104, 200 and 206. 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.
- 350 Theories of Comparative Politics**3 cr
Prereq: POLS 200 and 206. Freq: Alternate years.
 Contemporary theories in comparative politics focusing on the analysis of major issues, actors, institutions and processes in various political systems.
- 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.

Political Theory

- 207 Classical Political Philosophy**.....3 cr
Prereq: One of the following: POLS 105, PHIL 101, HIST 118. Freq: Alternate years.
 The works of classical Greek political philosophers Thucydides, Plato and Aristotle. (Cross listed as PHIL 207.)
- 221 Politics, Law and Society**3 cr
Prereq: None. Freq: Alternate years.
 Issues in political philosophy such as the nature and justification of political doctrines and systems, and analysis of such concepts as justice, freedom, equality and authority. May be repeated once for credit with different content. (Cross listed as PHIL 220).
- 306 Modern Political Philosophy**.....3 cr
Prereq: One of the following: POLS 105, PHIL 101, HIST 119, 120. Freq: Alternate years.
 Exploration of the origins of liberalism, conservatism, and socialism. Readings may include Machiavelli, Hobbes, Locke, Rousseau, Mill, Hegel, Marx, and Nietzsche. (Cross listed as PHIL 306.)

- 307 Contemporary Political Thought**.....3 cr
Prereq: One POLS or PHIL course. Freq: Occasionally.
 Explores major ideas, directions, issues and problems of contemporary political thinkers. Philosophical dimensions of contemporary political and social problems; applications of concepts to contemporary problems. (Cross listed as PHIL 307.)

Law

- 310 Constitutional Law: Civil Liberties**.....3 cr
Prereq: POLS 100, 200. Freq: Yearly.
 The nature and scope of constitutional government and limitations on government. Includes due process, equal protection, free speech, freedom of religion, and the right to privacy.
- 315 Diversity Law: Tribal Nations**.....3 cr
Prereq: POLS 100 or ETHN minor. Freq: Fall
 A study of the relationship of tribal nations with the United States government, as nations within a nation. Topics include tribal sovereignty, the Marshall trilogy, removal, allotment, the Indian Reorganization Act, the Indian Bill of Rights, termination, Public Law 280, religious freedom, and modern tribal governments. The tribal nations of Wisconsin are emphasized. (Cross listed as ETHN 315; also offered as POLS 515.)
- 316 Diversity Law: African Americans**3 cr
Prereq: POLS 100 or ETHN minor. Freq: Spring
 This course 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 of Government**3 cr
Prereq: POLS 100, 200. Freq: Yearly.
 The structure of power in the federal system of government as viewed through major decisions of the U.S. Supreme Court. Emphasis on the scope and limitations of executive and legislative powers, and on the relationship between the states and the federal government.
- 351 Constitutional Law: Criminal Procedure**3 cr
Prereq: POLS 100 and POLS 200. Freq: Occasionally.
 An in-depth analysis of the constitutional limitations upon government procedures used in bringing criminals to justice. Included in this analysis are search and seizure, stop and frisk, arrest, evidence, interrogation and confession, identification, remedies for constitutional violations, initiating formal procedures, trial and conviction, and sentencing and appeal.
- 444 Legal Studies Capstone**3 cr
Prereq: Senior standing, POLS 209. Freq: Fall
 Moot court experience in which students have the opportunity to apply legal research and legal argumentation skills. Also serves as an assessment course for the legal studies concentration.

Special Courses

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.

356 Political Sociology.....3 cr

Prereq: SOCA 100 or 101. Freq: Alternate years.

An examination of the relationship between politics and the larger social structure, e.g., structure of power in the U. S., state, and the economy; political consciousness and the debate on the changing nature of industrial societies. (Cross-listed as SOCA 356.)

390 Special Topics3 cr

Prereq: None. Freq. Occasionally

Selected topics in political science will be examined. May be repeated for credit with different topic.

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.

445 Senior Seminar in Political Science.....2 cr

Prereq: Senior standing. Freq: Every third semester.

The senior seminar is a capstone research experience for majors in their last year. It also serves as a vehicle for the assessment of the mastery of the discipline of political science. Required of all political science majors who are not concentrating in legal studies or the administration of justice.

490 Special Topics in Political Science.....3 cr

Prereq: POLS 100 or consent of instructor & section prereqs.

Freq: Occasionally.

Select topics in political science will be studied at an advanced level.

499 Independent Study1-3 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 should work out a program with a member of the political science faculty. A maximum of 3 credits of independent study may be applied towards 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.

PSYCHOLOGY

Molinaro 275 • (262) 595-2658 • www.uwp.edu/academic/psychology

Degree Offered:

Bachelor of Science.

Professors:

Gurtman, Ph.D.; Keating, Ph.D.

Associate Professors:

Beach, Ph.D.; Beyer, Ph.D.; Colston, Ph.D. (Chair);
Walter, Ph.D.

Clinical Professor:

Conrad, Ph.D.

Student Organizations/Clubs:

Psi Chi, Psychology Club

Career Possibilities:

Typical careers are in mental health and criminal justice settings including hospitals, half-way houses/group homes, parole and probation, and hospice programs. Some public sector and business-related careers are personnel testing, research, advertising and human resources. For those who obtain a master's or Ph.D. degree, career opportunities are greater; jobs are available in mental health as well as research, teaching and business. Some of the mental health careers 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; and 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 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 also plan on taking more than the minimum 36 credits for the major, and on completing an Independent Study Research Project (PSYC 499) or Externship (PSYC 410) under the guidance of a faculty member.

Students interested in bachelor-level employment in psychology should take courses in the program that emphasize the appropriate skills and knowledge. Students whose interests are in the social service and mental health areas should complete the recommended sequence of courses for employment in these areas.

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, discussions of employment opportunities). Consult the department for information about how to join Psi Chi and/or the Psychology Club, as well as for a schedule of events.

Requirements for Admission to the Psychology Major

Students must have 30 credits overall, at least 6 of which are in psychology, and a cumulative GPA of 2.50 in order to be eligible for entrance into the major. Transfer students are special cases and will be considered on an individual basis.

Requirements for Graduation from the Psychology Major

The psychology major consists of a minimum of 36 credits.

A. Core Courses - 9 credits

PSYC 101	General Psychology.	3 cr
PSYC 250	Psychological Statistics	3 cr
PSYC 300	Research Methods.	3 cr

B. Basic Processes Courses - 6 credits

PSYC 301	Learning	3 cr
PSYC 305	Cognition and Memory	3 cr
PSYC 306	Sensation and Perception	3 cr
PSYC 325	Physiological Psychology.	3 cr

C. Advanced Courses (psychology courses numbered 300 and above) – 12 credits.

D. Elective Courses (psychology courses other than 222 and 230) – 9 credits.

NOTE: Externships and Independent Study (PSYC 410 and 499) do not count toward the advanced course requirements. In addition, only 6 credits of these courses may be applied to the major.

Requirements for the Psychology Minor

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.

A. Core Courses - 9 credits

PSYC 101	General Psychology	3 cr
PSYC 250	Psychological Statistics	3 cr
PSYC 300	Research Methods.	3 cr

B. Basic Processes Courses - 3 credits

PSYC 301	Learning	3 cr
PSYC 305	Cognition & Memory	3 cr
PSYC 306	Sensation & Perception	3 cr
PSYC 325	Physiological Psychology.	3 cr

C. Advanced Courses (psychology courses numbered 300 and above) – Excluding Externships and Independent Study - 3 credits.

D. Elective Courses (psychology courses other than 222 and 230) - 6 credits.

NOTE: Equivalent courses in statistical or quantitative methods may be substituted for Psychology 250 only if taken in fulfillment of a student's major program.

Recommended Courses for Students With Applied Interests in the Mental Health Professions

Students with interests in the mental health professions (e.g., counseling) can take a recommended sequence of courses that will prepare them for bachelor-level work, as well as for graduate training, in this area. As part of the psychology major, students should take all of the following courses:

PSYC 260	Psychology of Personality	3 cr
PSYC 301	Learning	3 cr
PSYC 318	Psychological Assessment	3 cr
PSYC 330	Interviewing	3 cr
PSYC 331	Counseling Psychology	4 cr
PSYC 360	Abnormal Psychology	3 cr
PSYC 362	Theories of Psychotherapy	3 cr

Students should consider supplementing these with additional courses depending on their interest within mental health. For additional information on planning a major with this emphasis, contact the Psychology Department at (262) 595-2658.

Courses in Psychology (PSYC)

- 101 General Psychology**.....3 cr
Prereq: None. Freq: Fall, Spring.
 An overview of the major areas of study in psychology. Includes research findings, scientific theories, controversies, methods and applications.
- 210 Introduction to Human Development**.....3 cr
Prereq: PSYC 101. Freq: Fall, Spring.
 An introductory survey of general principles, major topics and methods of study in human development throughout the life span.

- 213 Human Development Discussion for Nursing**.....1 cr
Prereq: Concurrent PSYC 210; Pre-Nursing admission.
Freq: Fall, Spring.

Scientific and developmental discussion of PSYC 210 content, naturalistic observation methods, and nature, causes, and consequences of poverty. Enrollment restricted to students in the UWM/UW-P Consortial Nursing program.

- 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.

- 222 Psychology of Drug Use**.....3 cr
Prereq: PSYC 101 or BIOS 101. Freq: Fall.

Psychological aspects of the use and abuse of depressants, stimulants, and psychedelics. Topics include motivations for drug use, role of values, and drug user rehabilitation.

- 230 Psychology of Human Sexuality**.....3 cr
Prereq: PSYC 101. Freq: Occasionally.

Human sexual behavior, including norms and variations, sexual development, dysfunctions and deviations, attitudes and values.

- 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: Fall, Spring.

Theories, models, and conceptions of personality, methods of studying personality, and research findings.

- 270 Consumer Psychology**.....3 cr
Prereq: PSYC 101. Freq: Occasionally.

Applications of psychological principles to the analysis and evaluation of consumer behavior, consumer preferences and motivations, advertising effectiveness, marketing research, and methods of study.

- 290 Special Topics in Psychology**1-4 cr
Prereq: PSYC 101. Freq: Occasionally.

Selected topics in psychology.

- 300 Research Methods**.....3 cr
Prereq: PSYC 101, 250, Completion of reading/writing skills and Information Literacy requirement. Freq: Fall, Spring.

Scientific methods in psychology. Includes research design, data collection and interpretation, computer-based statistical analysis, and writing research reports.

- 301 Learning**.....3 cr
Prereq: PSYC 300. Freq: Fall.
 Theory and research concerning animal and human learning. Topics include theories of classical and operant conditioning, and models of the brain. Classroom learning, behavior modification, and other applications are discussed.
- 304 Language Development**.....3 cr
Prereq: PSYC 101 or ENGL 187. Freq: Fall.
 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.
- 305 Cognition and Memory**3 cr
Prereq: PSYC 300. Freq: Spring.
 Theory and research concerning complex human abilities and mental activities. Topics include perception, learning, memory, language, thinking, problem solving, decision making, and artificial intelligence.
- 306 Sensation and Perception**3 cr
Prereq: PSYC 101 or BIOS 101. Freq: Fall.
 Analysis of the sensory organs and perceptual mechanisms used in vision, hearing, touch, odor, and smell. Primary emphasis is on vision and audition.
- 307 Cross-Cultural Psychology**3 cr
Prereq: PSYC 101. Freq: Spring.
 The study of the ways in which culture influences human development, learning, personality, and other aspects of psychological functioning.
- 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: Spring.
 Biological bases of behavior, including neurophysiological and neurochemical processes. (Cross listed as BIOS 325.)
- 330 Interviewing**.....3 cr
Prereq: PSYC 101 and 6 credits in psychology, sociology or business. Freq: Fall.
 Uses and forms of interviewing; problems of interview communication, reliability, and validity; interview strategies, techniques, and tactics; and behavioral processes and research on interviewing.
- 331 Counseling Psychology**4 cr
Prereq: PSYC 101, 260. Freq: Spring.
 Fundamental techniques of counseling, including counseling relationship skills, assessment of client problems, exploration of behavioral alternatives, and applying psychological principles to effect personal change. Lab will allow application of counseling principles. Three-hour lecture, 2-hour lab.
- 335 Human Development - Childhood and Adolescence**.....3 cr
Prereq: PSYC 210, 300. Freq: Fall.
 Advanced coverage of theories, concepts and research pertaining to human development from conception through adolescence.
- 360 Abnormal Psychology**3 cr
Prereq: PSYC 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 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 300 or SOCA 295. Freq: 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.
- 390 Special Topics in Psychology**1-4 cr
Prereq: Consent of instructor. Freq: Occasionally.
- 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: Yearly.
 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.
- 441 Advanced Human Development Seminar**3 cr
Prereq: PSYC 210 and PSYC 300. Freq: Fall.
 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.
- 497 Thesis in Psychology**1-3 cr
Prereq: Consent of instructor. Freq: Occasionally.
- 499 Independent Study**1-6 cr
Prereq: Consent of instructor and department chair. Freq: Fall, Spring.

SOCIOLOGY/ANTHROPOLOGY

Greenquist 318 • (262) 595-2177 • www.uwp.edu/academic/sociology

Degree Offered:

Bachelor of Arts.

Professors:

Statham, Ph.D.; Trager, Ph.D.

Associate Professors:

Rosenberg, Ph.D. (Chair); Schleiter, Ph.D.; Schutte, Ph.D.; Wang, Ph.D.

Assistant Professors:

Goldsmith, Ph.D.; St. Jean, Ph.D.; Sasso, Ph.D.

Lecturer:

Reinders, M.A.

Student Organizations/Clubs:

Sociological Thinkers, Parkside Anthropological Society

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, and historic preservation); teaching (elementary and secondary schools, in conjunction with appropriate teacher certification); 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 non-industrial as well as fully industrialized cultures.

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 scientific 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, and change. 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 bachelors degree in sociology are qualified to enter graduate and professional programs in many fields such as public administration and social service administration. Those opting for the anthropology concentration are likewise qualified to enter a variety of fields, including historic preservation, cultural resource management, forensic anthropology, museum studies, global studies, and international development.

Requirements for the Sociology Major

In order to be accepted as a major in sociology, a student must have a 2.25 GPA overall, have demonstrated writing competency by completing ENGL 201 or ENGL 202 with a grade of C or better, and must have completed SOCA 100 or 101. A major in sociology consists of a minimum of 35 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

Core Courses (17 credits)

SOCA 100	Introduction to Anthropology	3 cr
or		
SOCA 101	Introduction to Sociology	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

Elective Courses (18 credits)

Satisfy either Format 1 or Format 2 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
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 three 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	Sociology of Law	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 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 226	Peoples of Africa	3 cr
SOCA 227	North American Indians	3 cr
SOCA 234	Juvenile Delinquency/Juvenile Justice	3 cr
SOCA 243	Latinas/os in the U.S.	3 cr
SOCA 319	Death and Dying	3 cr
SOCA 320	Sociological Social Psychology	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 330	Sport in Society	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 372	Technology and Society	3 cr
SOCA 375	Sociology of Education	3 cr
SOCA 380	Social Welfare as a Social Institution	3 cr
SOCA 430	Medical Sociology	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 243	Latinas/os in the U.S.	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 354	Class, Status, and Power	3 cr

Urban Institutions and the Occupational World

SOCA 213	Gender and Society	3 cr
SOCA 235	Police & 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 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 362	Migration and Immigration	3 cr
SOCA 363	Corrections	3 cr
SOCA 371	Occupations and Professions	3 cr
SOCA 372	Technology and Society	3 cr
SOCA 373	Bureaucracy in Modern Society	3 cr
SOCA 374	Women and Work	3 cr
SOCA 375	Sociology of Education	3 cr
SOCA 379	Society and Environment	3 cr
SOCA 380	Social Welfare as a Social Institution	3 cr
SOCA 430	Medical Sociology	3 cr

Evaluation and Practice

SOCA 304	Skill Development in Leadership	3 cr
SOCA 305	Research in Community Needs	3 cr
SOCA 455	Development and Change	3 cr
SOCA 492	Internship in Sociology	3 cr

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 in contemporary societies and cultures. Students are required to gain first-hand exposure to

anthropological research methods and approaches in one of the sub-fields. The anthropology fieldwork requirement may be met by working on a faculty research project or by carrying out an independent research or internship project.

The following requirements are to be met. A total of 33 hours for the major must be completed, of which 15 must be at the 300 level or above.

1. Core courses in Sociology and Anthropology (11 credits)

- 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

2. 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

3. Regional Ethnographic Course (3 credits)

- SOCA 226 Peoples of Africa 3 cr
- SOCA 227 North American Indians. 3 cr

4. A minimum of 6 credits from the following (6 credits)

- SOCA 240 Cross-Cultural Encounters 3 cr
- SOCA 310 Forensic Anthropology 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 355 Urbanism and Urbanization 3 cr
- SOCA 357 Economic Anthropology. 3 cr
- SOCA 362 Migration and Immigration 3 cr
- SOCA 455 Development and Change 3 cr
- SOCA 482 Human Ecology 3 cr

5. Anthropology Fieldwork (3 credits)

- SOCA 491 Anthropology Fieldwork/Internship . . 1-10 cr

Requirements for a Minor in Sociology and Anthropology

The minor in sociology and anthropology consists of a minimum of 21 credits, distributed as follows:

Required Courses (9 credits)

- SOCA 100 Introduction to Anthropology 3 cr
- or**
- SOCA 101 Introduction to Sociology 3 cr
- SOCA 202 Cultural Anthropology 3 cr
- SOCA 295 Social Science Research Methods 2 cr
- SOCA 300 Data Collection and Analysis 1 cr

United States Cultures and Society (6 credits)

- SOCA 206 Race and Ethnic Relations in the U.S. . 3 cr

- SOCA 207 Marriage and the Family. 3 cr
- SOCA 213 Gender and Society. 3 cr
- SOCA 216 Social Issues in Substance Use and Abuse 3 cr
- SOCA 234 Sociology of Crime and Delinquency . . 3 cr
- SOCA 243 Latinas/os in the U.S. 3 cr
- SOCA 323 Institutional Racism 3 cr
- SOCA 324 African American Studies 3 cr
- SOCA 328 Asians in American Society. 3 cr
- SOCA 331 Deviant Behavior 3 cr
- SOCA 354 Class, Status, and Power 3 cr
- SOCA 371 Occupations and Professions. 3 cr
- SOCA 375 Sociology of Education 3 cr

Comparative Non-Western Cultures (6 credits)

- SOCA 226 Peoples of Africa 3 cr
- SOCA 227 North American Indians. 3 cr
- SOCA 240 Cross-Cultural Encounters 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 355 Urbanism and Urbanization 3 cr
- SOCA 357 Economic Anthropology. 3 cr
- SOCA 362 Migration and Immigration 3 cr
- SOCA 455 Development and Change 3 cr
- SOCA 482 Human Ecology 3 cr

Of the total 21 credits required for the minor, at least 6 must be at the 300 or 400 level.

Teacher Licensure

Students seeking teacher licensure in the sociology major or minor must fulfill Wisconsin Department of Public Instruction requirements. Additional information about the teacher education program and other requirements for licensure can be obtained from the teacher education adviser at (262) 595-2100.

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, Summer.
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, Summer.
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.

UNDERGRADUATE PROGRAMS

- 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.
- 204 Human Evolution**3 cr
Prereq: SOCA 100 or 101. Freq: Yearly.
 Analysis of the fossil evidence for human evolution. Modern human genetics, evolutionary theory, and racial 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.
 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.
- 207 Marriage and Family**3 cr
Prereq: SOCA 100 or 101 or consent of instructor. Freq: Fall, Spring.
 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. Freq: Every third semester.
 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: 3 credits in sociology. 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.
- 216 Social Issues in Substance Use and Abuse**3 cr
Prereq: 3 credits in sociology. Freq: Occasionally.
 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: Occasionally.
 A survey of the societies and cultures of Africa. Discusses history, cultural variation, and contemporary social change.
- 227 North American Indians**3 cr
Prereq: SOCA 100 or 101. Freq: Yearly.
 An anthropological survey of American Indian cultures of the United States and Canada. Focus on various aspects of culture, history and recent culture change.
- 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 as CRMJ 233.)
- 234 Juvenile Delinquency/Juvenile Justice**3 cr
Prereq: SOCA 100 or 101 or CRMJ 101 or consent of instructor. Freq: Yearly.
 Conceptions of juvenile delinquency; the juvenile offender in the juvenile justice system; the philosophy, structure and function of juvenile courts; philosophy, development, and organization of diversion, detention and treatment of the juvenile offender. (Cross listed as CRMJ 234.)
- 235 Police & Society**.....3 cr
Prereq: SOCA 100 or 101 or CRMJ 101 or consent of instructor. Freq: Yearly.
 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 as 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.
- 243 Latinas/os in the United States**3 cr
Prereq: SOCA 100 or 101. Freq: Every third semester.
 Survey of Latino groups in the United States; focus on the Latino experience (i.e. immigration, causes and consequences of minority status; current socioeconomic position, racial and ethnic identity).
- 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 in Sociology and/or Anthropology** ...1-3 cr
Prereq: Consent of instructor. Freq: Occasionally.
 Selected topics in sociology and/or anthropology will be examined.
- 295 Social Science Research Methods**2 cr
Prereq: SOCA 100 or 101 and 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.
 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 and 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 and junior standing.
Freq: Occasionally.
 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: Every third semester.
 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. The class can be taken more than once for credit.
- 305 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: Fall.
 A laboratory/lecture course for the identification of human skeletal remains for legal purposes. The establishment from skeletal remains of the age, sex, race, and stature of the deceased. Bones will be studied as a source of evidence of various traumas and physical abnormalities as well as for details of health and nutritional history of a deceased.
- 319 Death and Dying**.....3 cr
Prereq: SOCA 101; Freq: Occasionally.
 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: Alternate Springs.
 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: Every third semester.
 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 or 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: Occasionally.
 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: Occasionally.
 Examines the experiences of Asian Americans as well as Pacific Islanders through critical analysis of various race relations models. Topics cover history, current status, and analyses of selected institutions affecting the two groups.
- 330 Sport in Society**3 cr
Prereq: None. Freq: Fall, Spring
 A survey of the past and present roles sports 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 will be addressed.
- 331 Deviant Behavior**3 cr
Prereq: SOCA 100 or 101 and junior standing.
Freq: Alternate Falls.
 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 and junior standing. Freq: Occasionally.
 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: Even Years.
 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.
- 352 Law and Social Change**.....3 cr
Prereq: SOCA 100 or 101 or CRMJ 101, or consent of instructor. Freq: Fall.
 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 as CRMJ 352.)
- 354 Class, Status, and Power**3 cr
Prereq: SOCA 100 or 101. Freq: Yearly.
 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: Every third semester.
 An examination of the relationship between politics and the larger social structure, e.g., structure of power in the United States, state, and the economy; political consciousness and the debate on the changing nature of industrial societies. (Cross listed as POLS 356.)
- 357 Economic Anthropology**3 cr
Prereq: SOCA 100 or 101. Freq: Occasionally.
 Economic organization in tribal and agrarian societies. Systems of production and distribution. Topics include division of labor, land tenure, marketplace trade, and economic change.
- 358 Introduction to Population Studies**.....3 cr
Prereq: SOCA 100 or 101 and 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 Sociology of Law**.....3 cr
Prereq: SOCA 100 or 101. Freq: Yearly.
 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.
- 362 Migration and Immigration**.....3 cr
Prereq: SOCA 100 or 101. Freq: Occasionally.
 Migration and immigration as major processes of change in the U.S. 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: Yearly.
 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 as CRMJ 363.)
- 365 Race, Crime and Law**.....3 cr
Prereq: CRMJ 101 or SOCA 100 or 101, Junior standing. Freq: Annually.
 This course will explore 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 will focus on the multiple perspectives from offender to victim to criminal justice practitioner. (Cross listed with CRMJ 365.)
- 368 Victimology**3 cr
Prereq: SOCA 100 or 101 or CRMJ 101 or consent of instructor. Freq: Yearly.
 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 will also address victims' rights and the victims' rights movement. (Cross listed as CRMJ 368.)
- 371 Occupations and Professions**.....3 cr
Prereq: SOCA 100 or 101. Freq: Fall.
 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: Odd Years.
 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 Bureaucracy in Modern Society**3 cr
Prereq: SOCA 100 or 101. Freq: Occasionally.
 Examination of theory and research on bureaucratic organizations including schools, hospitals, military, governmental, and business organizations.
- 374 Women and Work**.....3 cr
Prereq: SOCA 100 or 101. Freq: Every third or fourth 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.

- 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.
- 390 Special Topics in Sociology and/or Anthropology ...1-3 cr**
Prereq: SOCA 100 or 101 and junior standing or consent of instructor. Freq: Occasionally.
 Selected topics in sociology and/or anthropology will be examined.
- 430 Medical Sociology**3 cr
Prereq: Junior standing and SOCA 295 or 301.
Freq: Alternate Springs.
 Analyses of health care systems and medical occupations from multiple perspectives; special focus on historical and current changes and alternatives for future change.
- 455 Development and Change**.....3 cr
Prereq: 6 credits in sociology. Freq: Occasionally.
 Comparative analysis of social change and development. Focuses on theories, the role of development agencies, and case studies of development projects.

- 482 Human Ecology**.....3 cr
Prereq: SOCA 100 or 101 or consent of instructor.
Freq: Occasionally.
 Discussion of ecological concepts, principles, and processes in relation to human life, past and present, in simple and complex societies. Development of cultural perspectives on current ecological problems as aspects of the cultural adaptation of human groups to their natural and social environments.
- 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: Occasionally.
 Faculty supervision of student field research experience.
- 492 Internship in Sociology**3 cr
Prereq: SOCA 100 or 101; junior standing and consent of instructor. Freq: Spring.
 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 Status.
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.
- 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.

STUDENT SERVICES & CAMPUS LIFE

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A quality university experience goes beyond the classroom. UW-Parkside offers students a variety of campus activities and services designed to support academic endeavors and enrich personal and professional development.

UW-Parkside is committed to cultural enrichment and diversity. The Student Activities Office, Office of Multicultural Affairs, and International Student Services facilitate the campus response to academic and social needs of students of all ethnic backgrounds. A variety of programs throughout the year celebrate cultural achievements and contributions.



Athletics and Recreation

A comprehensive program of intercollegiate athletics and recreational activities is available at UW-Parkside. Recreational facilities include a six-lane bowling alley; pool, foosball, and ping pong tables; and video arcade games in The Den, a recreation center on the lower level of the UW-Parkside Union. The campus supports an all-purpose Sports & Activity Center, featuring the Frank J. Petretti Fieldhouse, Alfred S. and Bernice DeSimone Gymnasium and the Carmen D. Tenuta Hall. The center is equipped with a weight room, eight-lane swimming pool, an indoor track, and court facilities for racquetball, handball, squash, tennis, basketball, badminton, and volleyball. Outdoor facilities include six tennis courts, seven soccer fields, the Red Oberbruner baseball diamond, two softball fields, and a 400-meter all-weather track.

The UW-Parkside women's softball team plays home games on the Sports Physical Therapy Center field at the Case Corporation Softball Complex. The Wayne E. Dannehl National Cross Country Course is used for cross country running and skiing as well as walking. Neighboring Petrifying Springs Park features a public 18-hole golf course, an outdoor volleyball court, and two softball diamonds.

The university offers a comprehensive program of intramural sports. Students can participate in a variety of leagues, tournaments, and open play. Competitive team sports include flag football, basketball, volleyball, soccer, and softball. Individual participation is available in sports such as tennis, golf, racquetball, badminton, bowling, and floor and water aerobics.

Intercollegiate athletics at UW-Parkside include a complete program of competitive sports for men and women. The university is a member of the National Collegiate Athletic Association (NCAA) Division II and the Great Lakes Valley Conference (GLVC). Varsity participation is available in men's and women's cross country, men's and women's track and field, men's and women's soccer, women's volleyball, men's golf, men's and women's basketball, softball, baseball, and wrestling. UW-Parkside's track program features race walking, which attracts athletes from across the United States. A number of participants have gone on to represent the United States in the Olympic Games.

The university has hosted the NAIA National Cross Country Championships for the past 18 years, hosted the TAC National Cross Country Meet in 1993, and has served as the site for the NCAA National Division II Cross Country Meet and the National Fencing Championships several times. UW-Parkside has twice hosted the NCAA National Division II Wrestling Championships.

The university athletic teams are known as the Rangers, and the school colors are forest green, white, and black. The Ranger Bear is the team mascot. The UW-Parkside athletics program has produced more than 500 All-Americans in men's and women's sports, including 75 national champions. In addition, UW-Parkside has had numerous Academic All-Americans, reflecting the university's commitment to competitiveness in both athletics and academics.

Campus Bookstore

The Campus Bookstore is located just off lower Main Place (Level D-1) in Wyllie Hall. Both text and trade books are found in the store in an open-stack, "select your book" environment that allows students a chance to browse and to personally examine new or used books prior to purchase. In addition, the store features school supplies, official UW-Parkside imprinted clothing, greeting cards, gift items and snacks.

Career Center

The Career Center offers services to assist UW-Parkside students in career development. Students are encouraged to visit the center frequently in order to explore career options before their senior year. Career Center counselors help students assess personal interests, values and abilities as they make decisions about a

major course of study or career goal. The center's library provides students with numerous career books, periodicals, employer and graduate school indexes, and Internet resources. Information on internship opportunities is available, as are two computerized career guidance programs, WCIS and SIGI Plus.

Workshops are offered each semester to assist students as they make career decisions. Individual counseling and workshops for job seekers are conducted during the year. Students are exposed to a variety of job search strategies including resume writing and interviewing. Job vacancies are posted, candidates' resumes are referred to local employers, and on-campus interviews are coordinated by the Career Center. Assistance in graduate school planning is also provided. Students are encouraged to discuss graduate plans with a counselor one year prior to graduation.

Child Care

The Child Care Center provides a quality, affordable early childhood experience for children up to age 5 of students, staff, faculty and the local community. Located east of the main campus complex, the center provides child-centered programs. A state-licensed agency, the Child Care Center offers services during the academic year for up to 80 children between the ages of 4 weeks through 4-year-old preschool. Individuals are encouraged to contact the center early when making child care arrangements for each semester. Financial assistance is available. For additional information, call the center at (262) 595-2227.



Clubs and Organizations

Parkside Activities Board

The Parkside Activities Board (PAB) is the UW-Parkside student organization which presents campus entertainment and activities. These include performing arts, films, lectures, dances, trips, live entertainment, comedians and recreational activities.



Adult Student Alliance

Adult students are a significant component of the UW-Parkside student body. The UW-Parkside Adult Student Alliance (PASA) is designed to serve the needs of adults returning to college. PASA aids in the recruitment and retention of adult students through a variety of academic and support networks. The organization is helpful for those students juggling family and employment obligations. Activities include open houses, campus tours, brown bag lunch/speaker sessions, and various workshops.

Asian Organization

For support and educational programs involving the Asian culture.

Black Student Union

The purpose of the Black Student Union (BSU) is to promote socio-cultural unity, awareness of history and a sense of ethnic appreciation among African-American students. BSU promotes intercultural exchanges among all races and exists to serve the unique needs of African-American students on campus.

International Club

The Parkside International Club (PIC) is designed to get international students involved in campus activities and connect them with other students, both academically and socially.

Latinos Unidos

Latinos Unidos is a cultural club oriented toward diversity and is open to the campus. Latinos Unidos has five simple objectives: encourage education for personal and professional growth; provide a harmonious atmosphere for Hispanic students, Spanish majors and the general student body; secure a community of supporters on campus and the community at large; share the Hispanic heritage and culture with the community; and establish a membership for all students, staff and faculty.

GLBTA Rainbow Alliance

GLBTA Rainbow Alliance is an organization that supports gay, lesbian, bisexual, transgender and questioning people, and straight allies. GLBTA Rainbow Alliance facilitates dialogue and education. All people of goodwill are welcome to learn more about queer culture and politics.

Sacred Circle

For support and educational programs involving the Native-American culture.

Student Government

The UW-Parkside Student Government Association (PSGA) is the official, elected governmental organization of the student body. PSGA consists of a student senate, judiciary branch, allocation committee, legislative affairs committee, student services committee, social concerns committees, and makes appointment to various university committees.

Student Organizations Council

The Student Organizations Council (SOC) provides a forum for the communication and support of more than 64 recognized student clubs and organizations. In addition, the council coordinates co-curricular activities for the purpose of enriching campus life.

The Ranger News

The Ranger News is the weekly student newspaper on campus. Managed by students, the newspaper is designed to inform students, faculty, staff and the community about campus activities and issues.

WIPZ 101.7-FM Radio

WIPZ is an organization provided by the students for the students, and was started by the students dedicated to creating a radio station at UW-Parkside.



Computer Labs

UW-Parkside offers students a variety of computer environments. General access microcomputer laboratories are located on the ground floor of the Library/Learning Center, Molinaro 115, Molinaro 118, and Molinaro 124. The labs, open seven days a week, provide a variety of computer platforms and printing capabilities and a wide selection of software programs. Some departments maintain specialized microcomputer labs for use by their majors (e.g., computer science, business, biology, and physics).

All computer labs offer students Internet access, and the university provides an e-mail account to all students. In addition to the on-campus labs, the university maintains a dial-in modem pool that students can use to access their e-mail and many of the specialized systems required to complete course work.



Dining Services

UW-Parkside offers students flexible dining options available in today's college setting. Among the most popular places to eat is the Union main dining room. It is the largest food service area on campus, seating approximately 400 for breakfast, lunch and dinner. Located on the main concourse level of the UW-Parkside Union, it offers both self-serve and attendant-served areas, including a grill area, salad bar, home-style soups and bakery, traditional entrees, and a wide variety of beverages. In addition, Union Square, Wyllie Market and a coffee shop located on the L1 level of Molinaro Hall, offer a variety of food and beverage options. Beverage and food vending machines are available in almost all UW-Parkside buildings.

Disability Services

Services for UW-Parkside students with disabilities are coordinated by the Disability Services Office in the Office of Educational Support Services. Students with documented disabilities who desire accommodations should identify themselves to the Coordinator of Disability Services (262) 595-2610. Students with physical disabilities are also encouraged to contact the Student Health and Counseling Center at (262) 595-2366.

Students with disabilities are required to submit medical and/or other diagnostic documentation of the disability and limitations. They may be required to participate in additional evaluation prior to receiving requested accommodations. Requests for accommodations should be made as soon as possible, preferably

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at least eight weeks in advance of a course, workshop or activity. Accommodations that are available to students with disabilities include but are not limited to taped textbooks, enlarged materials, preferential seating (front, etc.), alternate test formats, taped tests, and note-taker services. The policy and guidelines applying to nondiscrimination on the basis of disability are available in the Disability Services Office and on the UW-Parkside website.

Educational Support Services

The Office of Educational Support Services is available to enrich and support classroom learning. Many UW-Parkside students will use several of the following academic services before graduation: disability services, developmental classes, tutoring, and/or membership in Student Support Services. All Educational Support Service offices are located in Wyllie Hall D175.

Learning Assistance

Learning Assistance teaches developmental skills classes, coordinates supplemental instruction, and manages the UW-Parkside Tutoring Center. Through Learning Assistance, workshops are provided in time management, coping with stress, test-taking strategies, learning styles, math anxiety, reading improvement, and vocabulary expansion. These workshops are available upon request for university classes, campus groups, and University Seminar students.



Learning Assistance offers computer-enhanced course work in mathematics and writing in a high technology classroom/lab. Supplemental instruction is offered for classes known to be difficult for students. Supplemental instruction leaders attend classes and facilitate small group study sessions outside class meeting times. It is a method that has proven class success. Faculty interested in supplemental instruction for their classes and students interested in becoming supplemental instruction leaders should contact Learning Assistance in Wyllie Hall D175.

The Tutoring Center offers peer tutoring in most academic areas at no charge. Mathematics and writing assistance are offered on a walk-in basis. Other subject tutoring is done by appointment.

Student Support Services

Student Support Services is a structured retention program funded by the U.S. Department of Education under federal TRIO programs. The program is targeted to students who meet at least one of the three federally established criteria: 1) falls under a certain income level; 2) is a first-generation college student – neither parent has graduated from a four-year college or university; 3) has a diagnosed disability.



The Student Support Services program provides intrusive advising, career planning, personal advising, collaborative learning, peer mentoring, cultural and educational programming, financial aid planning, and educational assistance for more than 150 students.

Housing

The Residence Life Office provides UW-Parkside students with information regarding on- and off-campus housing options. For those interested in on-campus housing, UW-Parkside offers two facilities – Ranger Hall and University Apartments. Ranger Hall is a more traditional style residence hall. Each fully furnished room is shared by two students. There is also a TV lounge and kitchenette on each floor. A computer lab, laundry room, fitness area and study rooms are located on the lower level of the facility. University Apartments consists of 53 fully furnished four-bedroom, two-bath apartments. University apartments can accommodate 364 students. All units share a computer lab, and a lounge area that includes a television, vending machines and laundry facility. Students interested in on-campus housing are encouraged to apply immediately after admission to the university. To apply, students must fill out an application and submit a \$50.00 security deposit to the Residence Life Office. The estimated rates for 2003-2004 are:

University Apartments

Small double	\$1,375.00 per semester
Double	\$1,536.00 per semester
Single	\$1,795.00 per semester

Ranger Hall

Double	\$1,578.00 per semester
Single	\$1,837.00 per semester

International Student Services

Students from some 20 countries currently attend UW-Parkside. The Admissions Office assists international students with the admissions process, and an international student adviser (located in the Advising Center) provides support once the students are on campus. The adviser guides students through governmental regulations and helps students with academic and cross-cultural issues. International students must submit specific academic and financial information at the time they apply to UW-Parkside. See the Admissions section of the catalog for more information.

Multicultural Affairs

The vision and mission of the Office of Multicultural Affairs (OMSA) complements the mission of the university by recognizing cultural and group diversity and similarity. UW-Parkside seeks a multicultural education for all students that will enrich their lives by helping them appreciate who they are, where they have come from, and the beautiful vision of what they are capable of achieving.

The OMSA mission is to:

- Assist students in reaching their academic potential, attaining their undergraduate degree, and realizing their human promise as citizens of a global community;
- Provide services, cultural programming, information, and support to students, faculty, staff, and other constituencies engaged in educational programs, policies, and outreach; and
- Assist with campus-wide efforts to integrate diverse voices into the university community in order to offer a welcoming, supportive, and responsive climate.

Additional information about the Office of Multicultural Affairs can be obtained in Wyllie Hall D182 or on the OMSA website at <http://www.uwp/admin.omsa>.

UW-Parkside Police Department

The UW-Parkside Police Department provides law enforcement services to the university community. As a sworn law enforcement agency of the state of Wisconsin, its police officers have full police authority and receive training as all other law enforcement officers in the state. In addition to sworn police officers, the department employs non-sworn community-service officers who provide a variety of security, escort, and support services to the campus.

In addition to traditional law enforcement functions, the department offers a number of other services. Crime prevention education programs are offered throughout the year. Moreover, faculty, staff, and students work in partnership with the department to create and maintain a safe atmosphere for work and study. Officers provide assistance to motorists and assist authorized members of the university community with access to locked doors.

The UW-Parkside Police Department also administers the University's parking program, which includes the issuance of parking permits, parking enforcement, and shuttle bus service.

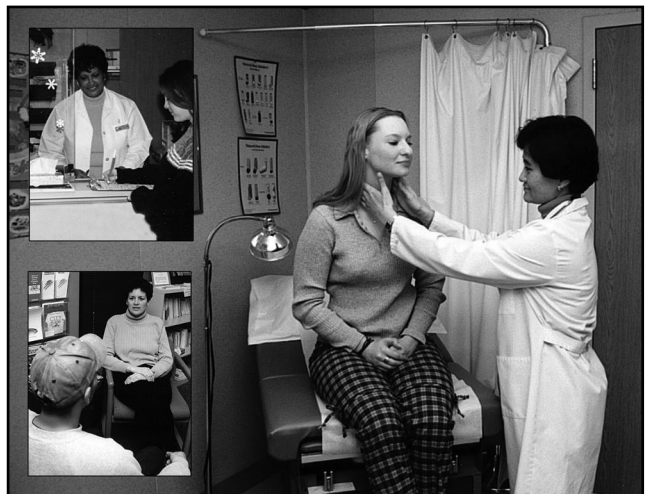
Emergency assistance is available 24 hours, each day of the year, by calling 2911 from any campus telephone. Non-emergency assistance and information may be obtained by calling (262) 595-2455. The UW-Parkside Police Department is located in Tallent Hall 188.

Student Activities

UW-Parkside offers students a variety of opportunities to get involved in campus life and activities. All student activities are coordinated by the Student Activities Office. The office, funded by student fees, provides information on clubs, organizations and events, and assists with developing new clubs and activities. Student Activities coordinates annual all-campus events. More than 64 student clubs and organizations on campus represent a wide range of academic interests and offer recreational and enrichment activities on campus.

Student Employment

Student employment assists UW-Parkside students in supplementing their income and gaining work experience. Up-to-date listings of part-time and summer employment opportunities in the local communities of Racine, Kenosha, southeastern Wisconsin, and northern Illinois are maintained for students to view. In addition, student employment is a resource for on-campus employment, including federal work study.



Student Health and Counseling

The Student Health and Counseling Center (SHCC) is located in the building east of Tallent Hall and can be reached by phone at (262) 595-2366. The Web address is <http://www.uwp.edu/admin/student.life/sh&cc.html>.

Health, Counseling and Wellness Information

Health services are provided by masters-prepared and/or college health certified registered nurses who perform a broad range of confidential and no-cost health care services to the campus community. These services include the assessment and treatment of primary care illness and emergencies, dispensing of over-the-counter and selective medications, procedures such as dressing changes, suture removal, diagnostic screening, immunization

administration and assessment and loan of orthopedic devices (splints, crutches, and wheelchairs).

A fee is charged for selected reproductive health screening and medications. Through health education/promotion and counseling, students are given the opportunity to be active participants in their self-health care. The SHCC has a contract with the Medical College of Wisconsin Family Practice Program to provide medical services to the students of UW-Parkside. Physician services are available on campus to students twice a week on a scheduled basis. Walk-in service is available as time allows except in cases of emergency, which receive priority attention.

Students may be referred to the Medical College-Family Practice Center, All Saints Health Care Systems-St. Luke's Campus. This visit is free to students; however, laboratory tests, x-rays, or other procedures require payment of a fee or proof of appropriate insurance coverage at the time the service is provided. Students who have long- or short-term disabilities can receive supportive services which include special short-term parking permits, accessible locker space, and the loan of crutches and wheelchairs. All other services for students with disabilities are provided through the Disability Services Office in Wyllie Hall D175. For more information, visit the office or call (262) 595-2610.

Personal Counseling, Alcohol and Other Drug Counseling and Prevention Education

Success in college depends in large measure on the ability to think clearly and concentrate on studies. Personal problems may interfere in this effort. Licensed/certified masters-prepared counselors are available to provide free, confidential, short-term, personal counseling services to students who have concerns or personal problems that are interfering with their academic success.

Professional counselors assist students in such areas as depression, overcoming relationship problems, self-esteem, stress, lack of motivation, procrastination, anxiety, addictive behavior, inability to solve problems and make decisions, lack of assertiveness, or poor adjustment to the college experience. Students who require medication, intervention, or long-term psychiatric assistance are referred to the appropriate outside agency.

The alcohol and drug prevention programs through the SHCC offer professional, confidential counseling to students who may be having problems related to alcohol or drugs. Services are also available for co-dependents and adult children of alcoholics. Educational presentations and counseling are offered free of charge.

Peer Health Educators

Peer Health Educators (PHE) are students selected by application and interview to function as trained health educators and role models to their peers and a diverse campus community. They provide educational information and presentations on health and social concerns (i.e. alcohol and drug misuse, sexuality, relationship issues) in formal and informal settings.

Student Health Insurance

Each student is encouraged to have health insurance to cover the cost of unexpected medical needs and emergencies. Insurance coverage may be obtained through the university-arranged policy or through the student's family or employer. Most student health/accident coverage on the parents' policy is effective only as long as the student attends college full time and may have age restrictions. Information about the university's student health insurance plan is available at the SHCC.

Student Volunteers

A chance to better understand the diversity of people within a context of career exploration and volunteerism is offered to students through the Parkside Volunteer Program. The program is funded by student fees and provides students the opportunity to apply academic experience to community needs. More than 100 sites including area schools, nursing homes, hospitals, shelters, community centers, literacy centers, and various non-profit community agencies, are available. Students interested in the program, after a preliminary interview, are placed in the agency of their choice. Volunteer hours vary according to the students' availability. Students can also become campus members of UW-Parkside Community Outreach Club, Big Friends/Little Friends, Habitat for Humanity, and the Student Leadership Group.



Testing

Advanced Placement (AP) Tests

Applicants who have exhibited outstanding scholarship and participated in the College Entrance Examination Board's Advanced Placement Program may be considered for advanced placement credit. Such applicants must submit official Advanced Placement examination reports to the Advising Center. Score reports may be ordered over the telephone by calling CEEB at (888) 225-5427 or by e-mail at www.apexams@info.collegeboard.org.

National Tests

UW-Parkside serves as a test site for many national standardized exams often required for admission to undergraduate and graduate programs. Some of the national exams administered at UW-Parkside include the American College Test (ACT), Pre-Professional Skills Test (PPST), National Teachers Examination (NTE), and the Scholastic Aptitude Test (SAT). UW-Parkside does not offer all tests for every national examination date. Check with the Advising Center at (262) 595-2219 to confirm dates and times.

Placement Tests

All new students are required to take placement tests in English and mathematics. Students who plan to enroll in chemistry or advanced foreign language courses are required to take placement tests in these areas as well. Test results are used to determine which courses the student must complete to meet collegiate skills requirements or to identify the appropriate level of chemistry or foreign language in which to enroll. A list of placement test dates and times is available from the Advising Center in Wyllie Hall 107; students may also obtain this information at (262) 595-2605.

Students who have taken placement examinations at another UW institution may request that the institution forward a copy of the test scores to UW-Parkside. Test scores may be mailed to: UW-Parkside, Advising Center, PO Box 2000, 900 Wood Road, Kenosha, WI 53141-2000, or faxed to (262) 595-2066.

Tutoring Services

The Tutoring Center provides students with peer tutoring in most academic content areas at no cost. Located in Wyllie Hall D180, the Tutoring Center also provides good students with on-campus employment opportunities. Writing and math tutors are available to help students on a walk-in basis. Tutors are prepared to meet students at all academic levels ranging from freshman-level courses to advanced major classes. Other subject area tutoring is arranged by appointment. Computers are available for a wide variety of student needs. For information call (262) 595-2044.

Union

The UW-Parkside Union provides services, educational opportunities, and facilities for students, the university, and our community. The 70,000 square foot facility is connected to the main academic complex by an enclosed overhead walkway, minutes from any classroom on campus via indoor concourses. Within the Union, students will find two dining service locations; the 400-seat Union Cinema theater complete with stage; The Den, an indoor recreation center with bowling lanes, pool tables, video games, etc.; spacious areas for dances, concerts, and banquets; meeting rooms of various sizes; the campus Information Center and Ranger Card Office.

Ranger Card Office

The Ranger Card Office is located on the D1 level of the Union. Any questions students have regarding the Ranger Card, Bear Bucks account or meal plan account can be answered here. The office also houses campus reservations and has a notary public on staff.

Ranger Card

The Ranger Card is more than the official university identification card, it's an essential part of campus life. The Ranger Card can be used to make a variety of purchases on campus. Students deposit funds into their Bear Bucks account and then use the Ranger Card as a debit card against the account. The Ranger Card is used for access control to Ranger Hall, the Sports & Activity Center and many computer labs. It's also used for checking out library materials, purchasing tickets, event admissions, printing, photocopying and meal plans. There are two accounts associated with the Ranger Card. Every Ranger Card comes with the Bear Bucks account. A second account, the meal plan account, is assigned only to students who purchase a meal plan.

Meal Plan

A Ranger Card is required for access to meal plan accounts. Meal plan account purchases are welcome in all food service locations and are available to all students, faculty and staff. Students who live on campus must participate in the meal plan each semester. There are a number of meal plans available to accommodate various life styles. Meal plan dollars carry over from the fall to the spring semester. However unused meal plan dollars will be forfeited at the end of the academic year. Contact the Residence Life Office or the Ranger Card office to obtain a meal plan contract.

Information Center

In addition to providing a wide variety of information regarding UW-Parkside activities, the Information Center has discs for the disc golf course; cashes checks; issues new and replacement Ranger Cards; accepts deposits to the Bear Bucks and meal plan accounts; sells tickets for many campus events; and provides mini-course registration. For more information call (262) 595-2345 or stop by in person on the D1 level of the Student Union.



TEACHER EDUCATION

Greenquist 210 • (262) 595-2180 • www.uwp.edu/academic/teacher.education

Certifications Offered:

Early Childhood (Pre-Kindergarten–Third Grade).
Elementary/Middle (First–Ninth Grade).
Middle/Secondary (Sixth–Twelfth Grade).
Kindergarten–Twelfth Grade Art and Music.

Degree Offered:

Master of Science, a consortial program with University of Wisconsin-Milwaukee in Administrative Leadership or Cultural Foundations of Education. Consult the graduate section for information.

Associate Professors:

Moore, Ph.D. (Chair).; New, Ph.D.

Assistant Professors:

Akinds, Ph.D, Eigenberger, Ph.D.

Student Organizations/Clubs:

Student Wisconsin Education Association and Kappa Delta Pi

Department Overview

The teacher education program at UW-Parkside places a special emphasis on preparing teachers to work in urban, multicultural schools. Urban schools serve students who represent a great variety of class, racial, ethnic and language groups. This cultural diversity presents special challenges to educators who need to provide effective and equal learning opportunities for all students.

Many urban schools are struggling to meet this challenge, and they are continuing to experience unacceptable failure and dropout rates among their students. Thus, those preparing to teach in urban schools need to develop new and more powerful approaches to reaching and engaging culturally diverse students in meaningful learning activities. We believe that teachers prepared for urban settings also function well in rural and non-urban settings.

Culturally Diverse Teachers

Demographics of this region indicate our population is increasing in its cultural diversity. A growing number of students in area schools are African-American, Asian-American, Latino, Native American or newly arrived immigrants. Individuals from these communities are strongly encouraged to consider a career in teaching. They are needed to assist faculty in our K-12 schools and serve as role models for all students.

Approved Program

The teacher education programs at UW-Parkside have been reviewed and approved by the Wisconsin Department of Public Instruction (DPI) and lead to eligibility for Wisconsin teacher licensure. Teacher education programs, general education, teach-

ing majors and minors, and education courses are reviewed and approved every five years during site visits conducted by DPI.

Wisconsin Department of Public Instruction Certification Rules PI 34, effective July 2004, will result in updates to the information contained in this catalog regarding the University of Wisconsin-Parkside Teacher Education Program. For the most up-to-date program information, please contact the Teacher Education department chair or Teacher Education adviser at (262) 595-2100

Academic Majors and Licensure Programs

A unique feature of UW-Parkside is that teacher education students complete a major in an academic discipline and receive a bachelor of arts or bachelor of science (BA or BS) degree in that field. There is no major in education. Rather, students complete the required sequence of professional courses to qualify for a teaching license. The professional courses include a minimum of 100 hours of field experiences in area schools, 50 hours of human relations experience, and a semester-long student teaching or internship experience. The following combinations of academic majors or minors and licensure programs are currently available. Requirements for majors and minors approved for teacher licensure may be different from those required for the UW-Parkside majors and minors published in the catalog. Completion of a teaching minor is optional for degree-seeking students; however, minors may enhance employability, particularly for middle/secondary teachers.

Academic Major/Minor and Licensure Program Combinations

Licensure Programs

(M = Teaching Major, m = Teaching Minor, C= Certificate)

Academic Major	PK-3	1-9	6-12	K-12
Art	***	***	—	M
Biological Sciences	m	m	Mm	—
Broadfield Social Science	—	—	C	—
Broadfield Science	—	—	C	—
Coaching	—	—	—	m
Communications	Mm	Mm	Mm	—
Dramatics	Mm	Mm	Mm	—
Economics	Mm	Mm	Mm	—

English	Mm	Mm	Mm	—
French	Mm	Mm	Mm	—
Geography	Mm	Mm	Mm	—
Geology	Mm	Mm	Mm	—
German	Mm	Mm	Mm	—
History	Mm	Mm	Mm	—
Mathematics	Mm	Mm	Mm	—
Music:	M	—	—	—
Choral	***	***	M	—
General	***	***	—	M
Instrumental	***	***	—	M
Physics	—	—	Mm	—
Political Science	—	Mm	Mm	—
Sociology/Anthropology	Mm	Mm	Mm	—
Spanish	Mm	Mm	Mm	—

A liaison advises teacher education students in each major/minor department. Contact the teacher education adviser at (262) 595-2100 to obtain the name and number of the appropriate liaison.

*** Art students who wish to obtain PK-3 or 1-9 licensure and music students who wish to obtain 1-9 licensure cannot do it separately but may choose to add it to their Art K-12 or Music, (Choral, General and/or Instrumental) certification.

Advising

Teacher Education Adviser; Greenquist 218 Phone: (262) 595-2100.

Degree Seeking Students

Students are encouraged to choose an academic major and certification program early in their college career. Students work with the liaison in their academic major and the teacher education adviser for selection of major and general education courses in preparation for admission to teacher education.

After admission to teacher education, each student is assigned an adviser from the teacher education faculty. Students continue to work with the liaison in their academic major.

Ensuring knowledge and completion of all requirements is the responsibility of the student seeking certification. Admission, progression and licensure in teacher education requires formal application according to specified deadlines. Early and continuous consultation with your teacher education adviser and the liaison from your major is essential.

Articulation Agreements

Students from Gateway Technical College or Waukesha County Technical College with an associate of applied science degree in child care and development (courses taken since Fall 1987) may be eligible to transfer into the UW-Parkside Early Childhood PK-3 program under an articulation agreement which accepts specific courses for general education and teacher education requirements.

Transfer and Non-Degree Seeking Students

Students seeking teaching licensure who already possess a bachelor's degree must match all requirements for licensure including those for general education, the teaching major(s), the teaching minor(s), and the teacher education program. These requirements may vary depending on date of entry to a university and graduation date.

Prior to enrolling, transfer students and students who hold bachelor's degrees must obtain a review of their transcript from the appropriate department for courses relevant to the major and from teacher education for courses relevant to general education requirements. Teacher education courses taken elsewhere must have been completed with a grade of C or better and may not be older than five years. Requests for the evaluation of such courses must be submitted in writing to the Teacher Education Department. Students may be asked to provide additional information such as course descriptions, course syllabi, documentation of relevant experiences with children, and teaching in K-12 schools.

Second Licensure

Licensed teachers seeking additional certification must consult with the teacher education advisor at (262) 595-2100.

Inservice Education

The Education Outreach Office provides courses for licensed teachers and for individuals seeking refresher or renewal credits for Wisconsin licensing.

Teachers completing a certification program in Wisconsin prior to July 1, 2004, must complete six semester credits every five years to maintain their license. These may be undergraduate or graduate level courses in teacher education or in the subject area of licensing. For further information, consult the Professional Development Brochure for each semester or contact Education Outreach at (262) 595-2002.

Teacher Education Professional Programs

Admission, progression and licensure in teacher education requires formal application according to specified deadlines. Decisions are determined by faculty committees based upon students' demonstrated knowledge, skills, beliefs, dispositions, personal maturity and commitment to children – as evident in their portfolio materials and academic records.

Portfolios

The process of admission to teacher education and the subsequent evaluation process will be based on a system of portfolio assessment. The portfolio will be started when students initially apply for admission to teacher education. The portfolio students develop will exemplify their knowledge, skills, beliefs and dispositions as potential teachers. It can also help to build some experience and knowledge that is multicultural.

Throughout their teacher education professional course work, students will be assisted in further developing their original portfolio, particularly the portions that emphasize professional skill and knowledge base. This expanded portfolio will be used to

apply for student teaching and again expanded to apply for the teaching license. Contents of later portfolios will include written narratives, lesson and/or unit plans, photographs, projects from a unit the student taught, instructional materials the student prepared, and/or videotapes. It should include samples of the prospective teacher's best work, which illustrate the student's philosophy of education, professional knowledge about teaching, and accomplishment of program goals.

Disclosure Questionnaire

Applicants must disclose whether they have ever been convicted of any crime and whether licensure has ever been denied or revoked in any state for reasons other than insufficient credits or courses. The existence of a criminal record or denial or revocation of licensure does not constitute an automatic bar and will be considered only as it substantially relates to the duties and responsibilities of the programs and eventual licensure. Students who are denied admission or removed from such a placement are entitled to appeal the decision. In addition to the disclosure questionnaire, the Department of Public Instruction conducts a criminal background check on all license applicants.

Requirements for Admission to Teacher Education

Step 1: Complete UW-Parkside skills requirements

- A. English 101 (with a grade of C or better)
- B. Math (with a grade of C or better):
Math 111, College Algebra (for PK-3 and 1-9 licensure)
Math 102, Survey of Math (for 6-12 and Art/Music licensure)
- C. Information Literacy
Students with fewer than 25 transfer credits complete this requirement within the University Seminar (GNED 101). Students with 25 or more transfer credits will complete this requirement through the library (see the library reference desk).
- D. Foreign Language
Two years of one foreign language in high school with a grade of C or better in the second year, or three years in high school, or one year in college.

Step 2: Begin Taking General Education Courses

A list of approved courses that meet both UW-Parkside's and teacher education's general education requirements are available at the Advising Center (Wyllie 107) and in the Teacher Education Office. The optimal selection may vary for different combinations of academic major and licensure programs. For more information, contact the teacher education adviser at (262)595-2100 (Greenquist 218). Completion of 27 credits are required at the time you apply for admission.

Step 3: Make Progress Toward Your Academic Major

Students are required to have 15 credits in their major at the time they apply for admission. These credits

may not be counted toward general education and must be completed with grades of C or better. Academic departments may specify the courses that must be completed.

Step 4: Take the Following Teacher Education Courses:

Grades of B or better are required.
TEDU 210 - Teaching, Learning & Development
or
TEDU 215 - Teaching, Learning & Development PK-3
and
TEDU 230 - Instructional Technology

Step 5: Prepare Portfolio I

Portfolio I may be organized as students see fit. The following is a suggested organizational scheme:

OBJECTIVE DATA:

1. Show evidence that Steps 1 through 4 have been completed.
2. Submit "Petition for Admission" form and statement to sign: "Emphasis on Urban Multicultural Teaching" (available in the teacher education office).
3. Attain a cumulative GPA of 2.75 (in all college level work) and a major/minor GPA of 2.75 (C or better in each course).
4. Earn passing scores in the Pre-Professional Skills Test (PPST):
Reading=175
Writing=174
Math=173

Or on the Computer Based Test (CBT):
Reading=322
Writing=320
Math=318
 - Registration and test preparation booklets are available from the teacher education adviser in Greenquist 218.
 - PPST tests can be taken no more than three times for admission to the Teacher Education Department at Parkside.
5. Provide transcripts for all colleges attended including UW-Parkside. Please include classes you are currently enrolled in but have not completed.

SUBJECTIVE DATA

1. A LETTER OF RECOMMENDATION from the department chair or the department liaison from your major.
2. A WRITTEN NARRATIVE which addresses, analyzes, synthesizes, and conceptualizes your maturity and beliefs about learning, development, and multicultural experiences:
 - Your personal maturity.
 - What do you bring to the teaching profession?
This includes an analysis of your main beliefs about teaching, the main goals you want to accomplish as a teacher, and personal and academic strengths you bring as a potential teacher education student.

- Your commitment to working with children and/or youth, particularly those in urban areas and an analysis of how you view children and child development.
- Your life experiences in another cultural context. Evidence may include having lived or traveled in some American or international cultural context that is different from your own.

3. A WRITTEN NARRATIVE which addresses academic achievements and accomplishments that exceed general expectations.

- Disposition and enthusiasm for learning. Evidence may include a narrative about a learning experience in which you went beyond routine expectations or a product you created that provides evidence of curiosity, etc. The academic knowledge base should be at least bi-cultural and preferably multicultural and gender inclusive (evidence may include having taken ethnic studies and/or women's studies course work, or having read such material on one's own). Fluency in a second language, if any, is desirable. The second language may be English.

Submit Portfolio I according to the following deadlines:

June 1, 2001, to be accepted in Fall 2001.

January 5, 2002, to be accepted in Spring 2002.

June 1, 2002, to be accepted in Fall 2002.

January 5, 2003, to be accepted Spring 2003.

Instructions for completing Portfolio I are available from the teacher education adviser in Greenquist 218.

Progression Through the Program

Student progression through the program will be continuously monitored and evaluated at the end of each semester to insure that students meet qualitative and quantitative expectations. Students will be allowed to repeat an education course one time during their tenure in the program.

During their on-going teacher education course work, faculty will assist students in developing their portfolios, particularly the portions that emphasize a multicultural perspective, professional skills, a solid knowledge base, and the disposition to teach children and youth in multicultural contexts.

Contents of the portfolio will include written narratives, lesson and/or unit plans, photographs, projects from a unit created and taught by the student, instructional materials made by students, and/or videotapes. Also included will be samples of the prospective teachers' best work illustrating their philosophy of education and professional knowledge about human development, learning and teaching, and accomplishment of program goals.

Students who change their major or licensure program must reapply to teacher education.

Note: Students may be denied permission to continue in the licensure program if there is demonstrated lack of progress toward student teaching eligibility or completion of licensure requirements. Ensuring

knowledge and completion of all requirements is the responsibility of the student seeking licensure.

Portfolio II Admission to Student Teaching/Internship

Student teaching is the conclusion of the student's college program; all other courses and requirements must be completed prior to the student teaching semester. Placements are made in area schools with appropriate cooperating teachers and require the student teacher to be present in the school placement(s) full days, full weeks, for the full school district semester. Placement dates will coincide with K-12 school district semester dates rather than those of UW-Parkside.

A limited number of paid internships are available. A letter of interest must be included with Portfolio II in order to be considered for an internship.

Submit Portfolio II according to the following deadlines:

Apply by January 15 to student teach/intern the following fall semester.

Apply by June 15 to student teach/intern the following spring semester.

Instructions for completing Portfolio II are available from the teacher education adviser in Greenquist 218.

I. Student Teaching / Intern Eligibility Requirements

- 1) Completion of all teacher education courses with a GPA of 3.00.
- 2) Completion of a DPI-approved academic major (34 or more credits) with a GPA of 3.00 or the GPA set by the major department.
- 3) Completion of all courses for the degree sought with a cumulative college GPA of 3.00 or better. Grade point averages include transfer and UW-Parkside courses.
- 4) Completion and documentation of required hours of successful field experience (a minimum of 100 hours).
- 5) Completion and documentation of 50 hours of successful human relations field experience.

II. Application Development

Prior to development of the application for student teaching (Portfolio II), students must meet with their teacher education faculty adviser to:

- 1) determine if the student has met the eligibility requirements and is ready to develop Portfolio II, and
- 2) receive recommendations on how to proceed in developing Portfolio II.

III. Portfolio II Content

Portfolio II will include the following:

- 1) Student teaching application form.
- 2) Documentation which shows completion of eligibility requirements (described above).
- 3) Written recommendations from the academic major and minor department chair or department liaison.

- 4) Documentation of a negative tuberculosis test within two years of application to student teach.
- 5) Written approval of Portfolio II from the teacher education faculty adviser.
- 6) Educational platform:

This essay demonstrates how the student decides what to teach and how curriculum will be organized and taught. The educational platform should include a reflective summary of the student's progress in three major areas: knowledge (curriculum), skills (instruction), and dispositions (positive student relations). In the knowledge area, the student must address subject matter, lesson planning, multicultural curriculum, and developmental appropriateness.

In the skills area, the student must address instructional strategies, classroom management, educational technologies, and student assessment. In the dispositions area, the student must address ethnic groups, socio-cultural influences, resources, and cross-cultural communications. It should provide specific evidence; unit/lesson planning examples; field experience evidence which should include samples of student work, pictures, logs, supervisor evaluation, etc.; and video tapes which illustrate the student's ability to teach. It should demonstrate the students' willingness to put forth effort in planning, teaching, and assessment. Although not all types of evidence need to be used for each outcome, each type of evidence should contribute to some outcome with all outcomes being addressed.

NOTE: The Teacher Education Department reserves the right to place student teachers subject to availability of resources.

Requirements for Graduation from Teacher Education

Portfolio III - Granting of License

Portfolio III will be submitted as part of the licensure process. This

final portfolio will be a refinement of Portfolio II. Portfolio III will include the following:

1. A videotaped lesson in a multicultural classroom that illustrates the student's teaching skills and relationship with children.
2. Resume.
3. Official academic transcript(s).
 - 3a. Completion of all appropriate general education and other degree requirements. Students must have a total of 40 credits or more of general education not including teacher education courses or courses in their teaching major(s) or minor(s). To ensure requirements are met, see the teacher education adviser (Greenquist 218, (262) 595-2100) for a credit evaluation.
 - 3b. Each student teaching placement must be completed with a grade of B or better and with the positive recommendation from the cooperating teacher(s) and university supervisor(s).

4. Completed application for the Wisconsin teaching license must be submitted through the teacher education adviser. Once program completion is verified, it will be forwarded to the Wisconsin Department of Public Instruction which issues the license.

License Requirements

a) Early Childhood Licensure – Pre-Kindergarten-Grade 3 (45 credits)

TEDU 215	Teaching, Learning and Development PK-3	3 cr
TEDU 230	Instructional Technologies	3 cr
TEDU 315	Literature, Arts and Storytelling PK-3	2 cr
TEDU 318	Mathematics for Young Children PK-3	3 cr
PHED 324	Games, Play and Physical Education PK-3	3 cr
TEDU 325	Social Studies & Science PK-3	3 cr
TEDU 327	Emergent Literacy.	3 cr
TEDU 328	Reading and Language Arts PK-3	3 cr
TEDU 329	The Professional in Early Childhood	1 cr
TEDU 360	Exceptional Children and Youth.	3 cr
TEDU 370	Schools in a Multicultural Society.	4 cr
TEDU 415	Seminar for Student Teachers	2 cr
TEDU 420	Student Teaching Pre-Kindergarten	4 cr
TEDU 421	Student Teaching Kindergarten.	4 cr
TEDU 422	Student Teaching Grades 1- 6.	4 cr

b) Elementary/Middle School Licensure – Grades 1-9 (44 credits)

TEDU 210	Teaching, Learning and Development	4 cr
TEDU 230	Instructional Technologies	3 cr
TEDU 302	Classroom Teaching Skills & Social Studies 1-9	2 cr
TEDU 332	Reading and Language Arts 1-9	5 cr
TEDU 336	Teaching Math and Science 1-9	4 cr
TEDU 341	Content Reading 1-9	3 cr
TEDU 342	Teaching Fine Arts 1-9	2 cr
PHED 348	Health & Physical Education for Elementary/Middle Teachers 1-9.	2 cr
TEDU 360	Exceptional Children and Youth.	3 cr
TEDU 370	Schools in a Multicultural Society.	4 cr
TEDU 415	Seminar for Student Teachers	2 cr
TEDU 422	Student Teaching 1-6	5 cr
TEDU 423	Student Teaching 6-9	5 cr

c) Middle/Secondary Licensure – Grades 6-12 (34 credits)

Middle/Secondary licensure is available for grades 6-12 in a variety of subject areas (see approved majors and minors, above).

TEDU 210	Teaching, Learning and Development	4 cr
TEDU 230	Instructional Technologies	3 cr
TEDU 349	Curriculum Development 6-12	2 cr
TEDU 351	Content Reading	3 cr
TEDU 360	Exceptional Children and Youth.	3 cr
TEDU 370	Schools in a Multicultural Society.	4 cr

Methods Course(s) for Majors/Minors, as appropriate:

TEDU 353	Teaching English 6-12	3 cr
TEDU 354	Teaching Foreign Language 6-12	3 cr
TEDU 355	Teaching Math 6-12	3 cr
TEDU 356	Teaching Science 6-12	3 cr
TEDU 357	Teaching Social Studies 6-12	3 cr
DRAM 441	Methods of Teaching Drama	3 cr
TEDU 415	Seminar for Student Teachers	2 cr
TEDU 423	Student Teaching 6-9	5 cr
TEDU	424 Student Teaching 9-12.	5 cr

Broad Field Studies

Middle/Secondary students may wish to enhance employability by completing the broad field science or broad field social science teaching major.

Broad Field Social Science licensure permits the teaching of all social sciences in grades 6-9 plus the major/minor in grades 10-12. In addition, students who complete at least 9 semester credits in any social science will be able to teach that subject in grades 10-12.

34-36 credits: Complete an approved teaching major in either history, economics, geography, political science or sociology.

20 additional credits: 6 credits in history and 14 credits from social science disciplines in which the student is not majoring.

Broad Field Science licensure permits the teaching of all sciences in grades 6-9 plus the major/minor in grades 10-12. In addition, students who complete at least 15 semester credits in any science will be able to teach that subject in grades 10-12.

Students must complete the following:

1. A major (34 cr minimum) in one of the 4 sciences: biological science, chemistry, geology/earth science or physics.
2. When completing your major and general education courses, please attempt to ensure the following distribution of courses:
 - a. Twenty-eight credits - 14 credits in each of two fields, i.e., biological sciences, chemistry, geology/earth science or physics.
 - b. Sixteen credits - 8 credits in the two remaining sciences.
 - c. Ten credits of electives from any of the above areas.
 - d. Mathematics: 6 credits (Math 112 or higher)
3. Students must also complete 6 credits in the history and philosophy of science; select one from each group:
 - a. History of Science

HIST 221	The Beginnings of Science and Scientific Revolution to 1750
HIST 222	History of Modern Science Since 1750

b. Philosophy of Science	
BIOS 108	Body in Question
PHIL 105	Introduction to Scientific Thought
GSCI 102	Science and Pseudoscience

d) Coaching Emphasis – Grades K-12

Teachers at all levels are needed as coaches for both girls' and boys' athletic and recreation activities. Although students are encouraged to complete the full minor in the coaching athletics certification program (see requirements under Health, Physical Education and Athletics), a coaching emphasis is available. Students pursuing coaching emphasis designation may take the following:

PHED 201	CPR	1 cr
PHED 301	American Training Patterns.	2 cr
PHED 345	Prevention and Care of Athletic Injuries	3 cr
PHED 483	Orientation to Coaching	3 cr

In addition, students must take one coaching theory and one fundamentals course in the sport of their choice.

e) Art Education – Grades K-12 (35 credits)

Art educators obtain a license to teach at the K-12 level. Individuals seeking licensure in this area must complete the art studio program under the direction of the Art Department, plus:

TEDU 210	Teaching, Learning and Development	4 cr
TEDU 230	Instructional Technologies	3 cr
TEDU 351	Content Reading	3 cr
TEDU 360	Exceptional Children and Youth.	3 cr
TEDU 370	Schools in a Multicultural Society.	4 cr

Methods Courses from the Art Major

ART 341	Art Education Philosophical and Psychological Bases	3 cr
ART 342	Art Education-Curriculum and Instruction.	3 cr
TEDU 415	Seminar for Student Teachers	2 cr
TEDU 428	Student Teaching Art K-9 (Even Springs)	5 cr
TEDU 429	Student Teaching Art 6-12 (Even Springs)	5 cr

f) Music Education Licensure – Grades K-12 (32-33 credits)

Music educators obtain a license to teach at the following levels:

- Instrumental music grades K-12
- Choral music grades 6-12
- General music grades K-12

Students interested in any of these licenses should contact the chair of the Music Department and obtain a copy of the Music Department Handbook. Students must complete the appropriate music major for prospective K-12 instrumental, choral or general music teachers, and:

TEDU 210	Teaching, Learning and Development . . .	4 cr
TEDU 230	Instructional Technologies	3 cr
TEDU 351	Content Reading	3 cr
TEDU 360	Exceptional Children and Youth.	3 cr
TEDU 370	Schools in a Multicultural Society.	4 cr

Methods Course(s) from the major, as appropriate:

MUS 341	Vocal Materials & Methods	3 cr
MUS 342	Instrumental Materials & Methods.	3 cr
MUS 343	Elementary School Music Materials and Methods.	2 cr
MUS 344	General Music Methods in Junior and Senior High School.	2 cr
TEDU 415	Seminar for Student Teachers	2 cr
TEDU 426	Student Teaching Music – K-9	5 cr
TEDU 427	Student Teaching Music – 6-12	5 cr

g) Cross Categorical Special Education – Grades K-9

A consortial program with Carthage College allows UW-Parkside students to concurrently enroll in specific Carthage College courses which lead to a Cross Categorical Special Education license (grades K-12). The license requires that students enroll in an Elementary/Middle certification program (grades 1-9). According to an agreement between the two institutions, students enrolled full-time at UW-Parkside during the fall or spring semester may take a Carthage College course that same semester without paying additional tuition. Please check with the teacher education adviser (Greenquist 218, (262) 595-2100) to obtain a cross-registration permit each semester. The required Carthage College courses are listed below:

EDUC 224	Characteristics of Exceptional Learners. . .	4 cr
EDUC 214	Principles of Instructional Design.	4 cr
EDUC 308	Instructional Technology for Exceptional Learners.	4 cr
EDUC 310	Informal Assessment of Exceptional Learners.	4 cr
EDUC 329	Formal Assessment of Exceptional Learners.	4 cr
EDUC 409	Methods of Teaching Elementary Level Exceptional Learners.	4 cr
EDUC 410	Methods of Teaching Secondary Level Exceptional Learners.	4 cr
EDUC 412	Advanced Study and Field Experience in Teaching Exceptional Learners	4 cr
EDUC 430	Collaboration between General Special Educators	2 cr
EDUC 490	Student Teaching	6 cr
Total	. . . . .	40 cr

Upon completion of the elementary/middle certification program at UW-Parkside including regular student teaching, students may enroll at Carthage College to student teach in a special education class. Students will pay Carthage College tuition and fees for their student teaching experience.

At the end of their successful student teaching experience, students are eligible to apply for a Cross Categorical Special Education license through Carthage College.

To apply for admission to Carthage College’s special education program and for course descriptions and other information, please contact Carthage College at (262) 551-5826.

Courses in Teacher Education (TEDU)

210 Teaching, Learning and Development.....4 cr

Prereq: Concurrent registration in TEDU 230 rec; Information Literacy Skills req; consent of instructor. Freq: Fall, Spring.
Foundations for using learner-centered principles of learning in multicultural classroom context; interpreting student behavior accurately and making developmentally appropriate decisions about teaching and learning required for grades 1-9/6-12/K-12 MUS/ART. Off-campus clinical experiences are an integral part of this course. 3 hour lecture, 1 hour discussion.

215 Teaching, Learning and Development PK-33 cr

Prereq: Concurrent registration in TEDU 230 recommended. Information Literacy requirement. Freq: Fall.
Cross-cultural theories of learner-centered early childhood development, learning, motivation and play. Includes guiding children’s thinking, observation and anecdotal record-keeping, assessment, parent involvement and classroom organization/management. Off-campus clinical experiences are an integral part of this course.

230 Instructional Technology3 cr

Prereq: Concurrent registration in TEDU 210 or 215 rec; Information Literacy req; consent of instructor. Freq: Fall, Spring, Summer. Consult Teacher Education Office.
Focuses on the use of word processing, drawing and painting, database, presentation, spreadsheet, multimedia application programs, and the World Wide Web in the classroom through specific projects. Also provides a critical overview of advantages and problems of computer integration in schools. Off-campus clinical experiences may be required.

290 Special Topics in Education1-4 cr

Prereq: None. Freq: Occasionally.
Selected topics in education will be examined.

Students must be admitted to the teacher education program to enroll in 300-400 level education courses.

302 Classroom Teaching Skills & Social Studies 1-92 cr

Prereq: TEDU 210, admission to TEDU. Freq: Fall.
Introduction to planning, teaching methods, strategies, classroom management and evaluation with emphasis on social studies including cooperatives, environmental education methods, and teaching about Native Americans. Off-campus clinical experiences are an integral part of this course.

UNDERGRADUATE PROGRAMS

- 315 Literature, Storytelling and Fine Arts PK-3**2 cr
Prereq: TEDU 215, admission to TEDU. Freq: Fall.
 Examines developmentally appropriate multicultural children's literature, music, art, play and drama that support holistic growth across the curriculum; library resources and instructional materials; develops storytelling skills.
- 318 Mathematics for Young Children PK-3**3 cr
Prereq: MATH 215 and 216, or concurrent registration; admission to TEDU. Freq: Fall.
 Designed to help pre-service teachers develop, innovate, improvise and critique PK-3 instructional programs for mathematics, create math environments and utilize manipulatives. Some computer utilization required. Off-campus clinical experiences are an integral part of this course.
- 325 Social Studies and Science PK-3**3 cr
Prereq: TEDU 215, BIOS 104 or GEOG 380 or concurrent registration; admission to TEDU. Freq: Spring.
 Study, integration, and application of developmentally appropriate curriculum, content, methods, and materials in Social Studies/Science specifically for PK-3. Off-campus clinical experiences are an integral part of this course.
- 327 Emergent Literacy PK-3**3 cr
Prereq: TEDU 215, 315; admission to TEDU. Freq: Fall.
 Multicultural literature as the basis for reading-writing language arts instruction; methods, curriculum, materials appropriate to PK-3 developmental stages. Includes classroom organization and assessment of student literacy. Off-campus clinical experiences are an integral part of this course.
- 328 Reading and Language Arts PK-3**3 cr
Prereq: TEDU 327; admission to TEDU. Freq: Spring.
 Literature, word identification strategies, and language experience stories integrated to teach reading and language arts in developmentally and culturally appropriate ways. Off-campus clinical experiences are an integral part of this course.
- 329 The Professional In Early Childhood**1 cr
Prereq: Concurrent registration in TEDU 420, 421, or 422; admission to TEDU. Freq: Occasionally.
 Examine early childhood programs and models within the context of multicultural education; the administrator's role; use of community agencies, resources, and advisory groups; promoting parent education/involvement and staff development/supervision.
- 332 Reading and Language Arts 1-9**5 cr
Prereq: TEDU 210, 230; admission to TEDU. Freq: Fall.
 Instructional approaches, organization, application and implementation of the reading and language arts program with an emphasis on using multicultural children's literature. Off-campus clinical experiences are an integral part of this course.
- 336 Teaching Math and Science 1-9**4 cr
Prereq: MATH 215, 216; BIOS 104 or GEOG 380 or concurrent registration; TEDU 210, 230; admission to TEDU. Freq: Spring.
 This course is designed for pre-service teachers integrating math and science to help them develop the knowledge, skills and attitudes necessary for implementing 1-9 instructional programs for math and science. Off-campus clinical experiences are an integral part of this course.
- 341 Content Reading 1-9**3 cr
Prereq: TEDU 210, 302, 332; admission to TEDU. Freq: Spring.
 Study and application of reading strategies and the integration of reading and language arts into the content areas with an emphasis on interdisciplinary teaching. Off-campus clinical experiences are an integral part of this course.
- 342 Teaching Fine Arts 1-9**2 cr
Prereq: Admission to TEDU. Freq: Spring
 Introduction to, and examination, evaluation, and application of developmentally appropriate principles and correlation between the fine arts in music/art/theatre to promote holistic growth of children in grades 1-9.
- 349 Curriculum Development 6-12**2 cr
Prereq: TEDU 210; admission to TEDU. Freq: Fall.
 Introduction to curriculum development and teaching in the secondary school. Includes: pedagogy (teaching methods, strategies, graphic organizers), and evaluation. Off-campus clinical experiences in a high school are an integral part of this course.
- 351 Content Reading and Writing**3 cr
Prereq: TEDU 210; admission to TEDU. Freq: Spring.
 The course provides pre-service teachers with the knowledge and skills necessary to teach their students how to read and write to learn in the content areas. Off-campus clinical experiences are an integral part of this course.
- 353 Teaching English 6-12**3 cr
Prereq: TEDU 210, 230; admission to TEDU. Freq: Alternate Fall.
 Current materials, methods and activities for teaching English at the middle/secondary level. Off-campus clinical experiences are an integral part of this course. (Cross listed as ENGL 353.)
- 354 Teaching Foreign Language**3 cr
Prereq: TEDU 210, 230; admission to TEDU; FREN, GER, or SPAN 304. Freq: Occasionally.
 Current theories, practices, methods and materials pertinent to teaching a foreign language. Off-campus clinical experiences are an integral part of this course.
- 355 Teaching Mathematics 6-12**3 cr
Prereq: TEDU 210, 230; admission to TEDU. Freq: Occasionally.
 Effective 6-12 mathematics teaching as recommended by National Council of Teachers of Mathematics (NCTM). Examines current research including the use of appropriate manipulatives and models. Off-campus clinical experiences are an integral part of this course.
- 356 Teaching Science 6-12**3 cr
Prereq: TEDU 210, 230; BIOS 104 or GEOG 380; admission to TEDU. Freq: Occasionally.
 Effective 6-12 science and environmental education teaching as recommended by experts and professional associations such as the National Science Teachers Association (NSTA). Examines current research. Off-campus clinical experiences are an integral part of this course.

- 357 Teaching Social Studies 6-12**.....3 cr
Prereq: TEDU 210, 349; admission to TEDU.
Freq: Alternate Springs.
 Planning, teaching and evaluation of learning in secondary social studies including curriculum development, cooperatives, environmental education methods, and teaching about Native Americans. Off-campus clinical experiences are an integral part of this course.
- 360 Exceptional Children & Youth**.....3 cr
Prereq: TEDU 210 or 215, 230; admission to TEDU.
Freq: Fall, Spring.
 Major areas of disability including mental retardation, learning disability and emotional disturbance. Topics include characteristics, etiology (medical/environmental), assessment, intervention/teaching strategies and research; clinical/laboratory experience in various learning settings and inclusion. Off-campus clinical experiences are an integral part of this course.
- 370 Schools in a Multicultural Society**.....4 cr
Prereq: TEDU 210 or 215, admission to TEDU. Freq: Fall, Spring.
 Examine schools as institutions; examine cultural, philosophical, historical, and institutional contexts of schools; and examine education issues from diverse socio-cultural perspectives. Off-campus clinical experiences are an integral part of this course.
- 375 Educator's Workshop**1-6 cr
Prereq: Junior standing or consent of instructor.
Freq: Fall, Spring, Summer.
 Analysis of various models, methods and instructional resources for application in educational programs. Emphasis on participant involvement through individual/group experience, problem solving and expression. Maximum of 6 credits may be applied toward graduation. Graded on a credit/no-credit basis.
- 389 Elementary Mathematics, Science, and Physical Education**.....6 cr
Prereq: Admission to EC3 program, consent of program director.
Freq: Fall
 Provides concepts and teaching skills in mathematics, science and physical education. A field experience is required.
- 415 Seminar for Student Teachers**2 cr
Prereq: Admission to student teaching, concurrent registration with student teaching/ interning. Freq: Fall, Spring.
 Support for the student teaching process; emphasis on classroom management, conflict resolution, career education, and entering the profession.
- 420 Student Teaching in Pre-Kindergarten**4-12 cr
Prereq: Prior approval of TEDU faculty; concurrent registration in TEDU 329. Freq: Fall, Spring.
 Practice teaching at the pre-kindergarten level under intensive supervision in the local school.
- 421 Student Teaching in Kindergarten**.....4-12 cr
Prereq: Prior approval of TEDU faculty; concurrent registration in TEDU 329. Freq: Fall, Spring.
 Practice teaching at the kindergarten level under intensive supervision in the local school.
- 422 Student Teaching in Elementary Grades 1-6**4-10 cr
Prereq: Prior approval of TEDU faculty; concurrent registration in TEDU 415. Freq: Fall, Spring.
 PK-3 student teaching will be done in grades 1-3.
- 423 Student Teaching in Middle Grades 6-9**5-10 cr
Prereq: Prior approval of TEDU faculty; concurrent registration in TEDU 415. Freq: Fall, Spring.
 Practice teaching in grades 6-9 under intensive supervision in the local school.
- 424 Student Teaching in Secondary Grades 9-12**5-10 cr
Prereq: Prior approval of TEDU faculty; concurrent registration in TEDU 415. Freq: Fall, Spring.
 Practice teaching in grades 9-12 under intensive supervision in the local school.
- 426 Student Teaching–Music K-9**5-10 cr
Prereq: Prior approval of TEDU faculty; concurrent registration in TEDU 415. Freq: Fall, Spring.
 Practice teaching in music under intensive supervision in elementary and middle schools.
- 427 Student Teaching–Music 6-12**5-10 cr
Prereq: Prior approval of TEDU faculty; concurrent registration in TEDU 415. Freq: Fall, Spring.
 Practice teaching in music under intensive supervision in middle and secondary schools.
- 428 Student Teaching–Art K-9**.....5-10 cr
Prereq: Prior approval of TEDU faculty; concurrent registration in TEDU 415. Freq: Alternate Springs.
 Practice teaching in art under intensive supervision in elementary schools.
- 429 Student Teaching–Art 6-12**5-10 cr
Prereq: Prior approval of TEDU faculty. Freq: Alternate Springs.
 Practice teaching in art under intensive supervision in middle and secondary schools.
- 480 Supervision of Student Teachers and Interns**1 cr
Prereq: Inservice teachers or administrators. Freq: Occasionally.
 Provides cooperating teachers and administrators with the knowledge and skills needed for effective supervision of student teachers and interns. Meets DPI requirements.
- 490 Special Topics**1-3 cr
Prereq: None. Freq: Fall, Spring, Summer.
 Examination of selected topics in teacher education. Subject varies – see current course schedule. May be repeated with change in topic.
- 499 Independent Study**1-3 cr
Prereq: Consent of instructor and department chair.
Freq: Fall, Spring, Summer.
 Independent work in specific problems under supervision.

Graduate Courses

Graduate Education

The College of Arts and Sciences offers graduate level courses of interest to Racine/Kenosha educators through two collaborative graduate programs with UW-Milwaukee in Education Administration: 1) Administrative Leadership and 2) Cultural Foundations of Education. For further information, program descriptions can be found in the graduate programs section of this catalog.

Inservice Education

The Education Outreach Office provides courses for licensed teachers and for individuals seeking refresher or renewal credits for Wisconsin licensing. For further information contact the education outreach coordinator at (262) 595-2002 to request a Professional Development brochure.

- 575 **Educator's Workshop**1-6 cr
Prereq: None. Freq: Fall, Spring, Summer.
 Analysis of various models, methods, and instructional resources for application in educational programs. Emphasis on participant involvement through individual/group experience, problem solving, and expression. May be repeated with different content. Graded on a credit/no-credit basis.
- 680 **Supervision of Student Teachers and Interns**1-3 cr
Prereq: None. Freq: Occasionally.
 Provides cooperating teachers and administrators with the knowledge and skills needed for effective supervision of student teachers and interns. Meets DPI requirements.
- 690 **Special Topics**1-3 cr
Prereq: Teacher certification or consent of instructor. Freq: Fall, Spring, Summer.
 Examination of selected topics in teacher education. Subject varies – see current course schedule. May be repeated with change in topic.
- 699 **Independent Study**1-3 cr
Prereq: Consent of instructor and department chair. Freq: Fall, Spring, Summer.
 Individual investigation of selected problems in education. Allows students to pursue independent research interests with faculty guidance and supervision.
- 701 **Curriculum Planning**3 cr
Prereq: None. Freq: Collaborative grid.
 Concepts of elementary and secondary curriculum in modern American education. Foundation principles and major objectives.
- 702 **Supervision of Instruction**3 cr
Prereq: None. Freq: Collaborative grid.
 School administrators and supervisors are provided with the skills and knowledge needed to improve instruction including leadership theories and styles, motivation, observation, evaluation and feedback.
- 703 **Multicultural Education**3 cr
Prereq: Human relations course or equivalent. Freq: Collaborative grid.
 Examination of personal responses to sexism, racism and other forms of bias; a study of theories, behaviors, and training skills for multicultural education.
- 704 **Contemporary Issues in Education**3 cr
Prereq: None. Freq: Collaborative grid.
 Identification of current educational issues and models for solving these problems.
- 705 **Analysis of Instruction**3 cr
Prereq: Educational psychology course. Freq: Collaborative grid.
 The course will focus on the various facets of instructional design including information processing, sequencing of teaching and learning, and the effect of teaching styles.
- 706 **Political Contexts of Schooling**3 cr
Prereq: None. Freq: Collaborative grid.
 Provides potential educational leaders and community people the opportunity to examine the social and political environments which affect the educational enterprise.

PLEASE NOTE:

Wisconsin Department of Public Instruction Certification Rules PI 34, effective July 2004, will result in updates to the information contained in this catalog regarding the University of Wisconsin-Parkside Teacher Education Program. For the most up-to-date program information, please contact the Teacher Education department chair or Teacher Education adviser at (262) 595-2100.

THEATRE ARTS

Communication Arts 221 • (262) 595-2581 • www.uwp.edu/academic/theatre.arts

Degree Offered:

Bachelor of Arts.
Bachelor of Arts with concentrations in Acting,
Design/Technology, Direction/Management, and Education.

Associate Professors:

Tucker-Snider, M.F.A. (Chair); Warren, M.F.A.; Yohnk, Ph.D.

Assistant Professor:

Cheatam, M.F.A.

Scene Shop Supervisor:

Clickner, M.F.A.

Costume Shop Supervisor:

Instenes, M.F.A.

Theatre Manager:

Harris, M.F.A.

Professional Accreditations or Memberships:

American College Theatre Festival, United States Institute of
Theatre Technology, and Alliance for Wisconsin Theatre
Education

Student Organizations/Clubs:

Drama Club
Alpha Psi Omega Theatre Honorary

Career Possibilities

A theatre arts major opens up many career opportunities including actor, director, scene designer, costume designer, lighting designer, makeup artist, sound designer, costume technician, lighting technician, production carpenter, sound engineer, booking manager, stage manager, technical director, managing director, casting director, theatrical business manager, art director, director of audience development, arts grant writer, and teacher.

Department Overview

Theatre is unquestionably one of the oldest recognized art forms with linked traditions that date back more than 25 centuries. Theatre has been and continues to be the bold, uncompromising expression of life as we know it: brutal and beautiful, tragic and triumphant, painful and joyous.

The theatre arts curriculum is the systematic study of the history of the theatre, dramatic literature, production practices and design elements from the Greeks to contemporary times. The purpose is to present the following: a comprehensive view of the evolution of theatre to its present form; an extensive study of past and current theatre production, melding theory with practical applications; and preparation for future study and/or entry-level access to the contemporary theatrical profession.

Students seeking a major in theatre arts at UW-Parkside will have the benefit of a knowledgeable and experienced faculty which is professional in orientation with years of experience in all aspects of the theatre. The physical environment, the facilities in which students cultivate theatre skills, is excellent and comprehensive. The proscenium theatre, seating 680, offers an excellent setting in terms of acoustics and aesthetics; and a small, flexible “black box” space allows a venue for more intimate and/or experimental productions. Both theaters are furnished with state-of-the-art lighting and sound equipment, and both were designed with the spectator and performer in mind.

Other facilities include scene and costume shops that provide students maximum opportunities to learn and to test newly acquired skills in the crucible of public performance. Productions are primarily cast from the student population and are often designed by experienced students under close faculty supervision. The use of the computer in theatrical production, both in design and administration, is an integral part of our curriculum. The department is also affiliated with various professional theaters, allowing opportunities for our students to experience a professional atmosphere within a liberal arts context.

Internships

Internships are available on an individual basis to students who obtain work in professional theatres and summer stock, either regionally or nationally.

Requirements for Graduation from the Theatre Arts Major

Admission to the theatre arts major/minor requires of all students an audition/interview and approval of the faculty. Entrance into the theatre program later than the freshman year can prolong the length of time required to complete the degree. To inquire about audition/interview requirements and dates, please contact Dr. Dean Yohnk at (262) 595-2352 or e-mail yohnk@uwp.edu.

Options in the Theatre Arts Major

Three options of study are available to the theatre arts major:

- I. B.A. in theatre arts
- II. B.A. in theatre arts with a concentration in one or more of the following: acting, arts management, design/technology, management/direction, or musical theatre and direction and management
- III. B.A. in theatre arts with a teacher licensure component

Theatre Arts Major Core Curriculum (36-39 credits)

The following courses, or their equivalents are required.

Theatre Arts Foundation Courses:

THEA 001	Production Attendance (at least six semesters)	0 cr
THEA 010	Practicum I	1 cr
THEA 014	Acting Practicum	1-3 cr
THEA 121	Theatrical Makeup I	1 cr
THEA 125	Acting I	3 cr
THEA 132	Stagecraft	3 cr
THEA 133	Costumecraft	3 cr
THEA 206	Theatre History to 1660	3 cr
THEA 207	Theatre History 1660 to the Present	3 cr
THEA 212	Intermediate Technical Production	2-3 cr
THEA 295	Sophomore Seminar	1 cr
THEA 310	Fundamentals of Stage Direction	3 cr
THEA 350	Dramatic Literature and Style to 1850	3 cr
THEA 351	Dramatic Literature and Style from 1850 to the Present	3 cr
THEA 373	Scene Design	3 cr
or		
THEA 383	Costume Design	3 cr
THEA 495	Senior Seminar	3 cr

Option I B.A. in Theatre Arts

General Degree (48-51 credits)

Electives chosen from theatre arts courses numbered 300 or above. (12 credits)

Option II B.A. in Theatre Arts – Concentration Option

Students have the option of choosing a concentration that includes a more comprehensive study in a chosen field within the theatre arts. Students must interview or audition into the following concentrations:

Concentration in Acting (63 – 66 credits minimum / includes Theatre Arts Foundation Courses)

THEA 214	Intermediate Acting Practicum	3 cr
THEA 225	Acting II	3 cr
THEA 228	Voice & Movement	3 cr
THEA 314	Advanced Acting Practicum	3 cr
THEA 325	Acting III	3 cr
THEA 425	Acting IV	3 cr
	. . . . .	18 credits

9 credits from:

ENGL 320	Shakespeare	3 cr
PSYC 101	General Psychology	3 cr
PSYC 210	Intro to Human Development	3 cr
PSYC 220	Social Psychology	3 cr
ENGL 311	English Drama	3 cr
	. . . . .	9 credits

Concentration in Arts Management (70 – 73 credits minimum / includes Theatre Arts Foundation Courses)

ACCT 201	Financial Accounting	3 cr
or		
ACCT 204	Accounting for Non-Business Majors	3 cr
ARMA 346	Managing Arts and Cultural Organizations	3 cr
ARMA 347	Studies in Arts Marketing	2 cr
ARMA 494	Arts Management Internship	3 cr
ARMA 496	Issues in Arts Management Seminar	2 cr
COMM 326	Marketing Communication and Society	3 cr
or		
MKT 350	Introduction to Marketing	3 cr
6 credits from:		
ART 271	Introduction to Graphic Design*	3 cr
COMM 105	Public Speaking	3 cr
COMM 202	Group Problem Solving	3 cr
COMM 285	Conflict Mediation	3 cr
COMM 303	Organizational Communication**	3 cr
COMM 305	Public Relations and Society	3 cr
CSCI 106	Computer Productivity Tools*	3 cr
CSCI 120	Computer Tools for Multimedia Design	3 cr
HRM 343	Personnel Administration	3 cr
MGT 349	Organizational Behavior**	3 cr
MGT 447	Management Techniques	3 cr
MIS 320	Management Information Systems	3 cr
MKT 358	Promotional Management	3 cr

* These courses have prerequisites

** Student may not take both MGT 349 and COMM 303 for credit toward the Arts Management Concentration

Electives (12 credits)

Chosen from theatre arts courses numbered 300 or above.

Concentration in Design and Technology (65 – 69 credits minimum / includes Theatre Arts Foundation Courses)

THEA 312/ 412	Production Designer (at least 6)	6 cr
THEA 490	CAD (Painter 7 or similar)	3 cr
ART 122	Intro to Drawing (BOK I-B)	3 cr
ART 125	Foundations of Art History I	3 cr
ART 126	Foundations of Art History II	3 cr
	. . . . .	18 credits

5-6 credits* from:

THEA 221	Theatrical Makeup II	1 cr
THEA 321	3-D Makeup	2 cr
THEA 421	Problems in 3-D Makeup	2 cr
THEA 262	Introduction to Stage Lighting	3 cr
THEA 362	Problems in Stage Lighting	3 cr
THEA 383	Costume Design	3 cr
THEA 483	Problems in Costume Design	3 cr
THEA 373	Scene Design	3 cr
THEA 473	Problems in Scene Design	3 cr
	. . . . .	5-6 credits

6 credits from:

ART 102	Intro to 2-D Design	3 cr
ART 103	Intro to 3-D Design	3 cr
ART 231	Beginning Life Drawing	3 cr
ART 236	Beginning Sculpture	3 cr
		6 credits

* Cannot count Costume or Scene Design from Core Courses

Concentration in Direction & Management (63 – 66 credits minimum / includes Theatre Arts Foundation Courses)

THEA 313	Stage Management	3 cr
THEA 410	Problems in Stage Direction OR	
THEA 499	Ind. Study Problems in Stage Management	3 cr
THEA 499	Ind. Study in Management/Direction	3 cr
COMM 107	Comm. and the Human Condition	3 cr
COMM 285	Conflict Mediation	3 cr
CSCI 106	Computer Productivity Tools	3 cr
ARMA 346	Managing Arts and Cultural Organization	3 cr
		21 credits

3 credits from*:

THEA 286	Introduction to Lighting Design	3 cr
THEA 373	Scene Design	3 cr
THEA 383	Costume History and Design	3 cr
THEA 490	CAD (Painter 7 or similar)	3 cr
		3 credits

3 credits from:

ARMA 347	Studies in Arts Marketing	3 cr
ARMA 494	Arts Management Internship	3 cr
ARMA 495	Seminar in Arts Management	3 cr
		3 credits

* Cannot count Costume or Scene Design from Core Courses

Concentration in Musical Theatre (73 – 76 credits minimum / includes Theatre Arts Foundation Courses)

THEA 225	Acting II	3 cr
THEA 325	Acting III	3 cr
THEA 426	Acting for Music Theatre	3 cr
MUS 121	Music Theory I *	2 cr
MUS 125	Aural Music Theory	2 cr
MUS 126	Aural Music Theory II	2 cr
MUS 180	Class Voice	2 cr

3 credits from:

MUS 111	Parkside Master Singers	1 cr
MUS 112	Chorale	1 cr
MUS 113	Vocal Jazz Ensemble	1 cr
MUS 114	Voices at Parkside	1 cr

3 credits from:

MUSA 080	Private Voice	3 cr
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8 credits from:

THEA 117	Theatre Dance I	2 cr
THEA 217	Theatre Dance II	2 cr

HPEA 290	Ballet	2 cr
HPEA 290	Jazz	2 cr

6 credits from:

THEA 214	Intermediate Acting Practicum (musical role)	1-3 cr
THEA 314	Advanced Acting Practicum (musical role)	1-3 cr
THEA 427	Music Theatre Workshop	1-3 cr
		37 credits

* MUS 101 (Fundamentals of Music) would be a prerequisite for students who do not have the music background necessary to take MUS 121.

Option III B.A. in Theatre Arts – Teacher Licensure Option

Students seeking teacher licensure in the dramatic arts major or minor must fulfill Wisconsin Department of Public Instruction requirements; therefore, their course requirements may differ from those of the non-teaching major and minor. Information about the teacher education program and additional requirements for licensure can be obtained from the teacher education adviser at (262) 595-2100.

Requirements for the Theatre Arts Minor

The basic objective of the dramatic arts minor is to provide a foundation for further study, vocational or avocational, for all interested students. The minor in theatre arts consists of 23-25 credits in either the following courses or their equivalents:

THEA 001	Production Attendance (at least three semesters)	0 cr
THEA 010	Practicum I	1 cr
THEA 014	Acting Practicum	1-3 cr
THEA 110	Theatre Appreciation	3 cr
THEA 125	Acting I	3 cr
THEA 132	Stagecraft	3 cr
	or	
THEA 133	Costumecraft	3 cr
THEA 206	Theatre History To 1660	3 cr
THEA 207	Theatre History 1660 - Present	3 cr
THEA 262	Intro to Stage Lighting	3 cr
	or	
THEA 373	Scene Design	3 cr
	or	
THEA 383	Costume Design	3 cr
THEA 310	Fundamentals of Stage Direction	3 cr

Courses in Theatre Arts (THEA)

- 001 Production Attendance**0 cr
Prereq: Theatre arts major or minor. Freq: Fall, Spring.
To broaden the student's theatre experience. Attendance and participation in five activities from an approved production calendar. Graded credit/no-credit.
- 010 Theatre Practicum I**.....1 cr
Prereq: Consent of instructor. Freq: Fall, Spring.
Practical experience through participation in productions sponsored by dramatic arts. Participation includes scenery, props, costume, 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 productions sponsored by theatre arts. 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 three or four theatrical performances. Field trips to theatrical productions required. Additional fees required.
- 117 Theatre Dance I**.....1 cr
Prereq: None. Freq: Occasionally.
Different theatre dance styles will be explored (jazz, soft shoe/tap, chorus dancing, etc). May be taken for credit each time a different topic is studied.
- 121 Theatrical Makeup I**1 cr
Prereq: None. Freq: Spring.
Basic principles and techniques of theatrical makeup. Lab fee required.
- 125 Acting I**.....3 cr
Prereq: None. Freq: Fall, Spring.
Introduction to the basic theory, vocabulary, and practice of acting for the beginner. Includes exercises, improvisations, and scene work. Not available for audit. Field trips to theatrical productions required. Additional fees required.
- 132 Stagecraft**3 cr
Prereq: None. Freq: Fall.
Introduction to procedures and theories of theatrical production. Includes stage equipment, scenic construction, scenic painting, technical personnel duties, practical applications, and work on current productions.
- 133 Costume Craft**3 cr
Prereq: None. Freq: Spring.
Introduction to procedures and theories of costume construction. Includes shop equipment, costume construction techniques, personnel duties, practical applications, and work on current productions. Lab fee required.
- 141 Theatre in the City**1 cr
Prereq: None. Freq: Spring, Occasionally Fall.
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: None. Freq: Spring, Occasionally Fall.
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.
- 206 Theatre History To 1660**.....3 cr
Prereq: None. Freq: Alternate Falls (odd years).
A study of production practices, representative plays and playwrights, personalities, physical structures, and theatre traditions from 500 B.C. to 1660. Field trips to theatrical productions required. Additional fees required.
- 207 Theatre History from 1660 to the Present**.....3 cr
Prereq: None. Freq: Alternate Springs (even years).
A study of production practices, representative plays and playwrights, personalities, physical structures, and theatre traditions from 1660 to the present. Field trips to theatrical productions required. Additional fees required.
- 210 Plays From Stage to Screen**3 cr
Prereq: None. Freq: Occasionally.
A study of selected plays by either genre or author that traces the evolution of the script from stage production to cinematic presentation.
- 212 Intermediate Technical Production**.....2-3 cr
Prereq: THEA 010, 132, 133 and consent of instructor.
Freq: Fall, Spring.
Student serves as supervisor, crewhead, 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**.....2-3 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 or dramaturg. Requires additional journal and evaluation. May be repeated for up to 6 credits.
- 217 Theatre Dance II**2 cr
Prereq: THEA 117. Freq: Occasionally
Different theatre dance styles will be explored (jazz, soft shoe/tap, chorus dancing, etc). May be taken for credit each time a different topic is studied.

- 221 Theatrical Makeup II**.....1 cr
Prereq: THEA 121. Freq: Spring.
 Intermediate study of principles and techniques of theatrical makeup. Lab fee required.
- 225 Acting II**3 cr
Prereq: THEA 125 or consent of instructor. Freq: Spring .
 Basic study of character development and script analysis through improvisational exercises, monologue work and scene work. All prepared material will be drawn from contemporary playwrights. Field trips to additional theatrical productions required. Additional fees required
- 228 Voice for the Actor I**3 cr
Prereq: THEA 125 or 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.
- 240 Creative Dramatics in the Classroom**.....3 cr
Prereq: THEA 125 or consent of instructor. Freq: Alternate Falls.
 Exploration of and participation in spontaneous drama activities; emphasis on materials and ideas applicable for use with primary through high school students. A portion of this class is in off-site schools. Additional local travel required.
- 262 Introduction to Stage Lighting**.....3 cr
Prereq: THEA 132 or consent of instructor.
Freq: Alternate Springs (odd years).
 Introduction to basic lighting theories and practice. Includes stage wiring, familiarization with instruments, terms, computer assisted drafting, and basic planning for theoretical productions; and work on current productions.
- 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: None. Freq: Occasionally.
 Selected topics in Theatre Arts will be examined.
- 295 Sophomore Seminar**.....1 cr
Prereq: 15 credits in THEA. Freq: Fall
 Students will focus on the development and presentation of portfolios and audition materials to prepare them for professional careers and/or graduate study.
- 310 Fundamentals of Stage Direction**3 cr
Prereq: THEA 125 and 132, or consent of instructor.
Freq: Alternate Falls.
 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.
- 312 Production Designer Studio**3-5 cr
Prereq: THEA 212 and consent of instructor. Freq: Fall, Spring.
 Student serves as designer 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 or a dramaturge. 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, Shakespeare, Brecht, etc. May be taken for credit each time a different topic is studied. Field trips to theatrical productions required. Additional fees required.
- 321 Three Dimensional Makeup**2 cr
Prereq: THEA 221 or consent of instructor. Freq: Spring.
 Principles and techniques of three-dimensional prosthetic makeup for the stage. Lab fee required.
- 325 Acting III**3 cr
Prereq: THEA 225. Freq: Alternate Falls (even years)
 Extensive study of character development and script analysis through improvisational exercises, monologue and scene work. The majority of students' prepared material will be drawn from classical playwrights (i.e Shakespeare, Moliere, Chekov). 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.
- 331 Contemporary Drama**.....3 cr
Prereq: THEA 207 or concurrent registration or consent of instructor. Freq: Occasionally.
 A study of British, American, and/or European drama from Ibsen through to the present. (Cross listed with ENGL 331.)
- 345 Playwriting**3 cr
Prereq: None. Freq: Occasionally.
 The fundamental techniques of playwriting. Emphasis on creation of an original play for the stage. Field trips to additional theatrical productions required. Additional fees required.

- 350 Dramatic Literature and Style to 1850.....3 cr**
Prereq: THEA 206. Freq: Alternate Fall
 This course in dramatic literature and style will introduce learners to the major playwrights, theatrical texts, and dramatic styles represented in the world theatre "canon" to the year 1850. While focusing on the reading and interpretation of the most significant theatrical texts from a variety of periods, cultures, and genres, this course will stress the need to consider and analyze theatrical texts in context of their original production conventions and performance settings.
- 351 Dramatic Literature and Style, 1850 to the Present3 cr**
Prereq: THEA 207. Freq: Alternate Spring
 This course in dramatic literature and style will introduce learners to the major playwrights, theatrical texts, and dramatic styles represented in the world theatre "canon" from 1850 to the present. While focusing on the reading and interpretation of the most significant theatrical texts from a variety of periods, cultures, and genres, this course will stress the need to consider and analyze theatrical texts in context of their original production conventions and performance settings
- 362 Problems in Lighting Design3 cr**
Prereq: THEA 262 and consent of instructor.
Freq: Alternate Springs (odd years).
 Intermediate instruction in lighting design. Practical application of lighting theory is stressed. Includes hand and CAD drafting and special applications of lighting for theoretical and practical exercises and work on current productions.
- 373 Scenic Design.....3 cr**
Prereq: THEA 132 or consent of instructor.
Freq: Alternate Springs (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. Lab fee required.
- 383 Costume Design3 cr**
Prereq: THEA 133 or consent of instructor.
Freq: Alternate Falls (even years).
 Examination of fundamentals inherent in the costume design process including theory, historical research and rendering styles. Lab fee required.
- 390 Special Topics in Theatre Arts.....1-4 cr**
Prereq: None. Freq: Occasionally.
 Selected topics in Theatre will be examined.
- 391 Women In Theatre3 cr**
Prereq: THEA 206 or 207 or consent of instructor. Freq: Occasionally.
 An exploration of contributions women have made in theatre as dramatists, actors, directors, designers and producers. The focus will be primarily on the 20th century.
- 410 Problems in Stage Direction4 cr**
Prereq: THEA 310 and consent of instructor. Freq: Fall.
 Application of directing principles to play scripts with particular emphasis on various textual elements. Exercises and directing of one-act play presentations.
- 412 Production Designer Main Stage3-5 cr**
Prereq: THEA 312 and consent of instructor. Freq: Fall, Spring.
 Student serves as designer 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.
- 421 Problems in Three Dimensional Makeup2 cr**
Prereq: THEA 321 and consent of instructor. Freq: Spring.
 Intermediate study of special problems in three-dimensional prosthetic makeup for the stage. Lab fee required.
- 425 Acting IV3 cr**
Prereq: THEA 325. Freq: Alternate Spring (even years)
 The culmination of all acting process work. Students will be expected to focus their specific acting approach concerning script breakdown and analysis to highly stylized period material (i.e. Shakespeare, Moliere, Checkov). Field trips to theatrical productions required. Additional fees required.
- 426 Acting for Music Theatre.....3 cr**
Prereq: THEA 125, 225. Freq: Alternate Falls (odd years)
 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.
- 427 Musical Theatre Workshop2 cr**
Prereq: None
 This performance-based workshop course that allows learner to study, research, prepare, and perform scenes, songs, and dances from selected musical theatre texts. This course may be repeated for credit, with the instructor's permission. Field trips to theatrical productions required. Additional fees required.
- 441 Methods of Teaching Drama in the
 *Secondary School3 cr**
Prereq: Completion of theatre arts major through 310 and admission to TEDU program. Freq: Occasionally.
 A study of the methods and materials appropriate for teaching speech and drama in the secondary school. A portion of this class is at off-site schools. Additional local travel required.
- 445 Playwriting II.....3 cr**
Prereq: THEA 345 and consent of instructor.
Freq: Alternate Falls (even years)
 This theoretical and practical course in playwriting 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." Staged readings required.
- 473 Problems in Scenic Design.....3 cr**
Prereq: THEA 373 and consent of instructor.
Freq: Alternate Springs (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.

- 483 Problems in Costume Design**3 cr
Prereq: THEA 383 and consent of instructor.
Freq: Alternate Falls (even years).
 Intermediate study of special problems in costume research and theory, plus projects in costume design. Lab fee required.
- 490 Special Topics in Theatre Arts**.....1-4 cr
Prereq: Consent of instructor. Freq: Occasionally.
 Selected topics in theatre arts will be examined.
- 495 Senior Seminar**.....3 cr
Prereq: Consent of instructor. Freq: Fall.
 For students in their senior year. This course will focus on a different period of history, playwright or genre each time it is taught. 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 and audition materials to prepare them for professional and/or graduate study. Field trips to theatrical productions required. Additional fees required.
- 499 Independent Study**1-5 cr
Prereq: Consent of instructor and department chair.
Freq: Fall, Spring, Summer.
 Regularly available under supervision of individual instructors; may include apprenticeships and internships on or off campus.

WOMEN’S STUDIES

Greenquist 318 • (262) 595-2162 • www.uwp.edu/academic/womens.studies

Degree Offered:

UW-Parkside offers a minor in women’s studies through the Women’s Studies Program, and a concentration under the Interdisciplinary Studies (ISTD) Program. The major draws upon existing UW-Parkside courses, along with distance education and online courses provided in collaboration with other UW System campuses through the UW System Women’s Studies Consortium. Interested students should consult the program directors through the Women’s Studies Office.

Faculty:

Fay Yokomizo Akindes, Ph.D and Laura Gellott, Ph.D (co-directors). Many other faculty teach women’s studies courses through their departments; serve on the women’s studies steering committee and/or community advisory board; or work on collaborative projects and initiatives such as Women in Math, Science, and Technology Day.

Professors:

Kavenik, Ph.D., Kolb-Gregory Ph.D., Statham, Ph.D., Vopat, Ph.D.

Associate Professors:

Beyer, Ph.D., Gee, Ph.D., Gellott, Ph.D., Haller, Ph.D., Khan, Ph.D., Lyter, Ph.D., Saffioti-Hughes, Ph.D., Schleiter, Ph.D.

Assistant Professors:

Akindes, Ph.D., Castor Ph.D., Funkenstein, Ph.D., Lenard, Ph.D., Wolf, Ph.D.

Senior Lecturer:

Christie, M.F.A., Wilson, M.S.

Lecture:

Reinders, M.A.

Instructor:

Opffer, M.A., A.B.D.

Student Organizations/Clubs

The Womyn’s Center (Wyllie Concourse, (262) 595-2170)

Career Possibilities

Nonprofit organizations, business, creative arts, education, government, health, journalism, law, medicine and social work, especially pertaining to women’s issues. Graduate school with emphasis in the humanities, social sciences or the professions. Careers are strengthened and enhanced by a minor or major in women’s studies. Students are encouraged to discuss career options early with the program directors and to consider internships and other activities which allow them to explore career possibilities.

Department Overview

Women’s studies is an interdisciplinary program that draws upon all departments in the university to provide a systematic analysis of women’s experiences in society. Its goal is to provide insights and generate activities that will lead to an improvement in the position of women and to 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 past, present and future social trends.

Students electing the minor or the women’s studies concentration in the interdisciplinary studies major 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 which 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 directors 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.

Requirements for the Women’s Studies Minor

(The Women’s Studies curriculum is currently undergoing a process of review and revision. Students should consult with the program office, Greenquist 318, for additional information.)

Eighteen credits are required for the minor. Students must take three core courses:

- WOMS 110 Introduction to Women’s Studies-Theories and Methodology. 3 cr
- WOMS 111 Introduction to Women’s Studies-Women in History 3 cr
- or**
- WOMS 112 Introduction to Women’s Studies-Women in Literature 3 cr

UNDERGRADUATE PROGRAMS

- WOMS 495 Women's Studies Seminar 3 cr
or
- WOMS 494 Internship in Women's Studies 1-3 cr
or
- WOMS 497 Women's Studies Senior Thesis 3 cr
or
- WOMS 499 Independent Study 1-3 cr

Plus at least one course from each of the following three areas:
Creativity, Institutions in Society, Science and Professions.

1. Creativity: These are courses offered by the departments of Art, English, Philosophy, Modern Languages, Music, and Theatre Arts and are listed under "Women's Studies" in the semester course schedule.

Examples include but are not limited to:

- THEA 391 Women in Theatre 3 cr
- ENGL 367 Studies in American Ethnic Literature
Black Women Novelists 3 cr
- ENGL 417 Studies in English Literature
Foremothers of the British Novel 3 cr
- ENGL 458 Studies in Film: Women in Film. 3 cr
- ENGL 464 Studies in Cultural Patterns:
Women and Myth 3 cr
- ENGL 464 Studies in Cultural Patterns:
Gay and Lesbian Literature. 3 cr
- ENGL 469 Studies in Women Writers 3 cr
- HUMA 102 Introduction to Humanities -
World Cultures 1500 to Present
(certain sections). 3 cr
- WOMS 112 Introduction to Women's Studies-
Women in Literature 3 cr

2. Institutions in Society: These are courses offered by the departments of Communication, Economics, Geography, History, Political Science, Psychology, Sociology/Anthropology and listed under "Women's Studies" in the semester course schedule.

Examples include but are not limited to:

- COMM 315 Communication and Gender 3 cr
- HIST 235 History of Feminism. 3 cr
- HIST 236 Women in Modern Society. 3 cr
- POLS 203 Women, Power, and Politics 3 cr
- PSYC 230 Psychology of Human Sexuality 3 cr
- PSYC 380 Psychology of Gender 3 cr
- SOCA 207 Marriage and Family
(certain sections). 3 cr
- SOCA 213 Gender and Society. 3 cr
- SOCA 226 Peoples of Africa 3 cr
- SOCA 324 African-American Studies 3 cr
- SOCA 354 Class, Status and Power
(certain sections). 3 cr
- WOMS 111 Introduction to Women's Studies-
Women in History 3 cr

3. Science and Professions: Courses offered by a variety of departments including Biological Sciences, Business Management, Geosciences, Computer Science, Teacher Education, Sociology/Anthropology, and Health, Physical

Education and Athletics. Courses applicable to the minor are listed under "Women's Studies" in the semester course schedule.

Examples include but are not limited to:

- MGT 446 Global Issues in Management 3 cr
- HPEA 321 Women's Health Issues 3 cr
- HPEA 330 Sport in Society 3 cr
- SOCA 430 Medical Sociology. 3 cr
- WOMS 250 Women in Science 3 cr

Each semester, courses appropriate for the women's studies minor are listed in the course schedule. Since courses are offered on a rotating basis, students are advised to consult with women's studies faculty and directors to assist them with course selection and proper completion of requirements.

Students may count 3 credits of internship (494) or independent study (499) toward the minor. Arrangements for these projects must be made with individual women's studies faculty.

Courses in Women's Studies (WOMS)

- 110 Introduction to Women's Studies-
Theories and Methodology.....3 cr
Prereq: None. Freq: Fall.

This course introduces students to the field of women's studies, its theoretical and methodological bases, and the challenges it creates for other academic disciplines. It emphasizes the diversity among women including diversity in race and ethnicity, sexual preferences, physical abilities, etc.

- 111 Introduction to Women's Studies-
Women in History.....3 cr
Prereq: None. Freq: Alternate Springs.

This course considers important characters and events in various historical periods from ancient Greece to the modern world. A diversity of cultures (i.e., European, African, Asian, indigenous American) is considered. (Cross listed as HIST 111.)

- 112 Introduction to Women's Studies-
Women in Literature.....3 cr
Prereq: None. Freq: Alternate Springs.

This course 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 as ENGL 112.)

- 250 Women in Science.....3 cr
Prereq: None. 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.

- 290 Special Topics in Women's Studies.....3 cr
Prereq: None. Freq: Occasionally.

Selected topics in women's studies will be examined.

UNDERGRADUATE PROGRAMS

- 390 Special Topics in Women’s Studies**.....1-4 cr
Prereq: None. Freq: Occasionally.
 Selected topics in women’s studies will be studied.
- 490 Special Topics in Women’s Studies**.....3 cr
Prereq: None. Freq: Occasionally.
 Selected topics in women’s studies will be examined.
- 494 Internship in Women’s Studies**.....3 cr
Prereq: Consent of instructor. Freq: Fall, Spring, Summer.
 Work experience in a women’s studies-related environment or supervised experience in planned projects that expose students to applied settings that serve women. Emphasis on applying feminist analysis, qualitative research methods, communication and other skills, while increasing career knowledge and awareness.
- 495 Women’s Studies Seminar**3 cr
Prereq: WOMS 110, 111 or 112 and another WOMS course.
Freq: Alternate Years.
 Focuses on developments in feminist theory and methodology, with the goal of integrating theory and methods acquired in earlier women’s studies courses and encouraging students to apply the material to the community around them. The seminar allows students to work in their own interests within a broad theme selected by the instructor.

- 497 Women’s Studies Senior Thesis**.....3 cr
Prereq: WOMS 110; 111 or 112; another WOMS course; and consent of instructor. Freq: Fall, Spring, Summer.
 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, Summer.
 Individual research projects in women’s studies. Up to 3 credits may be applied to the minor.

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. East 5 miles to Wood Road.

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

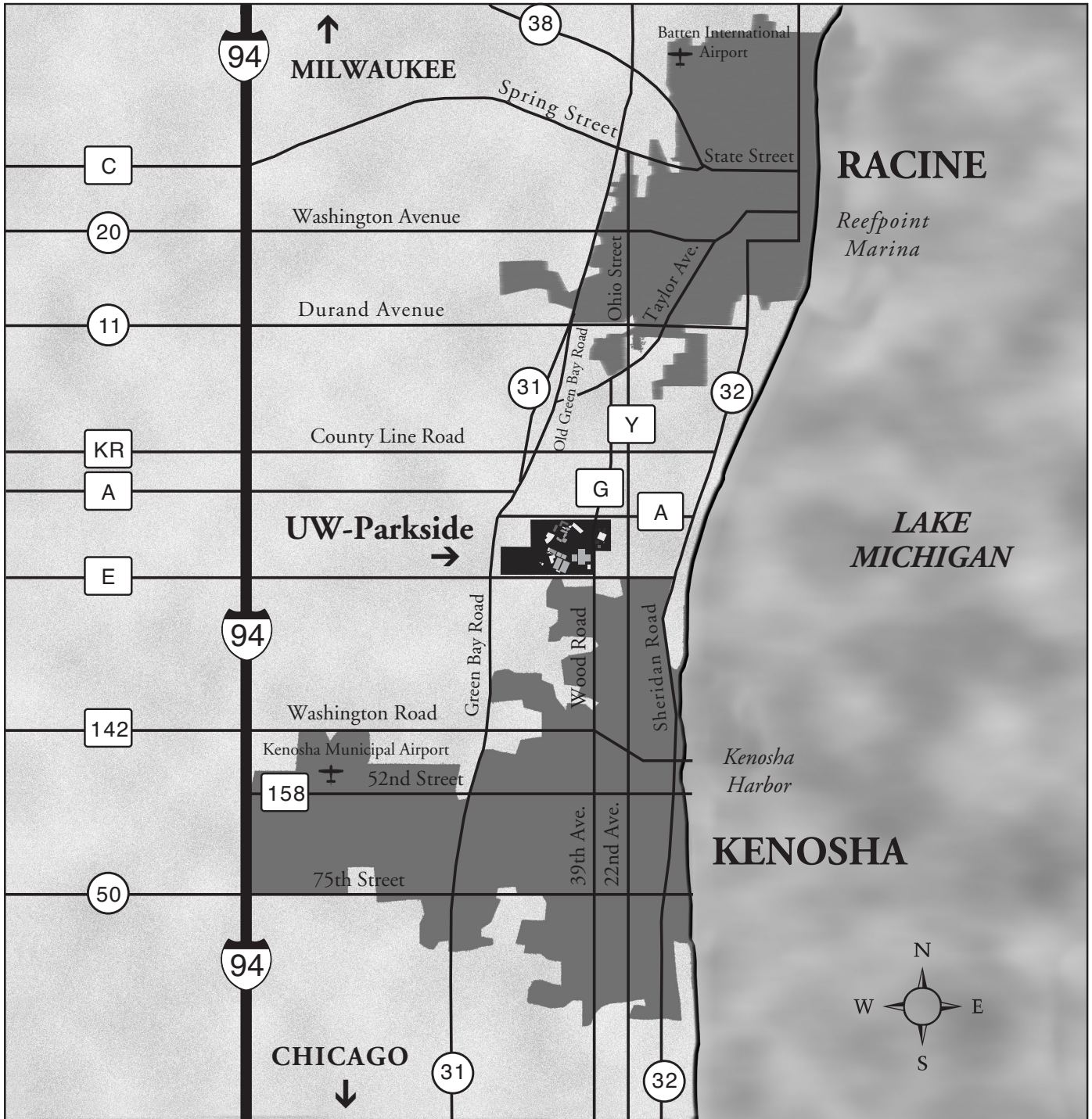
Access from 30th Avenue (Wood Road), 22nd Avenue, Sheridan Road (Highway 32), Highway 31.

From Racine

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

By Local Bus

Kenosha Transit and Racine's Belle Urban System (BUS) service the campus. For schedules and route information, call 653-4287 (Kenosha) or 637-9000 (Racine)



ENGLISH

Communication Arts 235 • (262) 595-2139 • www.uwp.edu/academic/english

Degree Offered:

Bachelor of Arts.

Professors:

Canary, Ph.D.; Dean, Ph.D.; Kavenik, Ph.D.; Kummings, Ph.D.; Lindner, Ph.D.; McLean, Ph.D.; Vopat, Ph.D.

Associate Professors:

Graffin, Ph.D. (Chair); Saffioti-Hughes, Ph.D.

Assistant Professor:

Lenard, Ph.D. ; McRoy, Ph.D.

Senior Lecturers:

Christie, M.F.A.; Jagielnik, M.A.; King, M.A.; Logsdon, M.A.; McGuire, M. Phil.

Lecturers:

Glaub, M.A.; Karpowicz, M.A.; Miller, M.A.; Schroeder, M.A.; Tutlewski, M.A.

Visiting Assistant Professor:

Martínez, M.A.

Student Organizations/Clubs:

The department has an active English Club open to majors and other interested students, and 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, and 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 ful-

fills Wisconsin Department of Public Instruction requirements for teacher-training; it is also appropriate for students generally interested in linguistics and language study.

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 English literature and the various genres. 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 professor Saffioti-Hughes, senior lecturer Logsdon or the department chair 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: American History 101 and 102; British History 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

The English major consists of a minimum of 36 credits (for the standard and writing concentrations) or 42-45 credits (for the language arts concentration) in courses in English and related disciplines beyond the required freshman composition sequence and recommended Introduction to Literature course. 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 done in English courses at UW-Parkside. Unapproved portfolios

should 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
 - a) his or her assessment of the English major or
 - b) his or her assessment of his/her 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 or the department chair's office.

The Standard Major

The standard major in English is particularly recommended for students intending to go on to graduate study in literature.

One course from ENGL 216, 217 (British Lit.)	3 cr
Two courses from ENGL 226, 227, 237	6 cr
Literary Analysis (ENGL 266)	3 cr
One course in women's literature*	3 cr
One course in minority literature*	3 cr
Two advanced British literature courses, one of which is Shakespeare	6 cr
Two advanced American literature courses (300/400 level)	6 cr
One advanced modern/cultural literature course (300/400 level)	3 cr
Senior Seminar (ENGL 495)	3 cr
or	
Senior Thesis (ENGL 497)	3 cr
Total	36 cr

* One of the courses in women's literature or minority literature must be at the 300/400 level.

The Writing Concentration

The writing concentration in English is especially recommended for students planning to pursue careers or graduate work in writing.

One course from ENGL 216, 217 (British Lit.)	3 cr
Two courses from ENGL 226, 227, 237	6 cr
Advanced Composition (ENGL 201)	3 cr
One course in creative or professional writing (ENGL 202, 204, 206, 207, 402,403, 406, 407)	3 cr
Literary Analysis (ENGL 266)	3 cr
Advanced Expository Writing (ENGL 310)	3 cr
Two courses in advanced British, American or modern literature (300/400 level)	6 cr

One 300-400 level writing course, which might include a course from disciplines other than English	3 cr
Internship in Writing (ENGL 494)	3 cr
Senior Seminar (ENGL 495)	3 cr
or	
Senior Thesis (ENGL 497)	3 cr
Total	36 cr

The Language Arts Concentration

The language arts concentration in English is recommended for students seeking to combine an English major with teaching licensure. Note that the requirements differ according to the level at which a person intends to teach. The first list applies to those seeking licensure for early childhood: birth to age 8 or middle childhood-early adolescence: ages 6-12, 13; the second list applies to those seeking licensure for early adolescence-adolescence: ages 10-21 or early childhood-adolescence: birth to age 21. Those not seeking licensure may select either list.

Students should consult the Teacher Education section of the catalog for information on the education courses required for the particular age level for which licensure is sought.

The English/Language Arts Major for Early Childhood to age 8 or Middle Childhood-Early Adolescence: Ages 6-12, 13 licensure, 42 credits*

Because these requirements are subject to change, consult an English advisor for the latest information.

A. BASIC LITERATURE: one class from each section (21 credits)

British Literature Survey:

ENGL 216	British Literature to 1800	3 cr
ENGL 217	British Literature, 1800-1920	3 cr

American or Contemporary Literature:

ENGL 226	American Literature to 1855	3 cr
ENGL 227	American Literature, 1855-1920	3 cr
ENGL 237	Contemporary Literature, 1920-Present	3 cr

Women's Literature:

ENGL 112	Intro to Women's Studies: Women in Literature	3 cr
ENGL 269	Intro to Women Writers **	3 cr

Literature of Diversity:

ENGL 267	Literature of Diversity**	3 cr
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** NOTE: ENGL 269 and ENGL 267 may be combined by executive action. If they are combined, then reduce required credits by 3.

Shakespeare:

ENGL 320	Shakespeare	3 cr
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World Literature:

ENGL 246	Intro to World Literature	3 cr
ENGL 247	Intro to Modern World Literature	3 cr
ENGL 364	The Epic and Mythology	3 cr

Literary Analysis:

ENGL 266	Literary Analysis	3 cr
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Recommended Course:

ENGL 354	Young Adult Literature*	3 cr
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B. LANGUAGE ARTS: complete each section as indicated (18 credits)

ENGL 187	Introduction to Language	3 cr
ENGL 201	Advanced Composition	3 cr

Advanced Literature: (6 credits)

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

With approval from an adviser, some 400-level courses may be substituted for those listed above.

Linguistics: (3 credits)

ENGL 382	Modern English Grammar	3 cr
or		
PSYC 304	Language Development (with permission)	3 cr

Speech or Drama Course: (3 credits)**C. SENIOR SEMINAR/SENIOR THESIS:**

ENGL 495 or 497	3 cr
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The English/Language Arts Major for Early Adolescence-Adolescence: Ages 10-21 or Early Childhood-Adolescence: Birth to age 21 licensure, 48 credits

Because these requirements are subject to change, consult an English adviser for the latest information.

A. BASIC LITERATURE (24 credits)**One class from each section.****British Literature Survey:**

ENGL 216	British Literature to 1800	3 cr
ENGL 217	British Literature, 1800-1920	3 cr

American or Contemporary Literature:

ENGL 226	American Literature to 1855	3 cr
ENGL 227	American Literature, 1855-1920	3 cr
ENGL 237	Contemporary Literature, 1920-Present	3 cr

Women's Literature:

ENGL 112	Intro to Women's Studies: Women in Literature	3 cr
ENGL 269	Intro to Women Writers **	3 cr

Literature of Diversity:

ENGL 267	Literature of Diversity	3 cr
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** NOTE: ENGL 269 and ENGL 267 may be combined by executive action. If they are combined, then reduce required credits by 3.

Shakespeare:

ENGL 320	Shakespeare	3 cr
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World Literature:

ENGL 246	Intro to World Literature	3 cr
ENGL 247	Intro to Modern World Literature	3 cr
ENGL 364	The Epic and Mythology	3 cr

Literary Analysis:

ENGL 266	Literary Analysis	3 cr
ENGL 354	Young Adult Literature	3 cr

B. LANGUAGE ARTS: complete each section as indicated (21 credits)

ENGL 187	Introduction to Language	3 cr
ENGL 201	Advanced Composition	3 cr

Advanced Literature: (6 credits)

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

With approval from an adviser, some 400-level courses may be substituted for those listed above.

Linguistics: (6 credits)

ENGL 380	History of English Language	3 cr
ENGL 382	Modern English Grammar	3 cr
or		
PSYC 304	Language Development (with permission)	3 cr

Speech or Drama Course: (3 credits)**C. SENIOR SEMINAR/SENIOR THESIS:**

ENGL 495 or 497	3 cr
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Teacher Licensure

Students seeking teacher licensure in the English major or minor must also fulfill Wisconsin Department of Public Instruction requirements. These requirements are included in the Teacher Education section of this catalog.

Students are urged to consult the English Department's teacher education liaison for the current requirements for the major or minor. Additional information about the teacher education program and other requirements for licensure can be obtained from the teacher education adviser at (262) 595-2100.

Requirements for the English Minor

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. English Minor for Those Seeking Teaching Licensure: (30 credits)

Because these requirements are subject to change, consult an English adviser for the latest information.

ENGL 187 Introduction to Language. 3 cr

American Literature (3 Credits)

ENGL 226 American Literature to 1855. 3 cr

or

ENGL 227 American Literature, 1855-1920. 3 cr

Writing (6 credits)

ENGL 201 Advanced Composition 3 cr

ENGL 266 Literary Analysis. 3 cr

Linguistics (3 Credits)

ENGL 380 History of English Language. 3 cr

or

ENGL 382 Modern English Grammar 3 cr

Upper Division English Courses Other Than

ENGL 380, 382 (9 credits)

British Literature Including Shakespeare (3 credits)

ENGL 216 British Literature to 1800. 3 cr

or

ENGL 320 Shakespeare. 3 cr

World and Contemporary Literature (3 credits)

ENGL 247 Introduction to
Modern World Literature 3 cr

ENGL 364 The Epic and Mythology 3 cr

B. English Minor for Those NOT Seeking Teaching Licensure: 21 credits

Basic Literature (6 credits) - two courses from

ENGL 167, 216-247, 267, 269

Shakespeare (3 credits)

ENGL 320

Writing (3 credits) - one course from:

ENGL 104, 201-209, 266, 310, 401-409, 489, 494

Advanced Work (9 credits) - 3 credits 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

Writing - ENGL 310, 401-409, 494

Professional Writing Certificate

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:

2 courses (6 credits)

ENGL 104 Basic Reporting. 3 cr

ENGL 201 Advanced Composition 3 cr

ENGL 202 Technical Writing 3 cr

ENGL 204 Writing for Business/Industry. 3 cr

COMM 250 Media/Message Design 3 cr

2 courses (6 credits)

ENGL 310 Advanced Expository Writing. 3 cr

ENGL 402 Advanced Technical Writing. 3 cr

ENGL 403 Advanced Business Writing. 3 cr

ENGL 404 Advanced Non-Fiction Writing. 3 cr

1 course (3 credits)

ENGL 494 Internship in Writing/Editing 3-6 cr

COMM 494 Communication Internship
(project must entail writing). 3 cr

Film Studies Certificate

Housed within the English Department, the University of Wisconsin-Parkside 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, participate in the film studies certificate presentation/discussion, and maintain a GPA of 3.0 or higher in all film certificate courses.

Required courses (9 credits)

ENGL 252 Introduction to Film. 3 cr

ENGL 258 History of Film to 1950 3 cr

ENGL 259 History of Film from 1950. 3 cr

Elective courses (6 credits)

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 towards completion of the film studies certificate. These courses will be determined on a semester-by-semester basis. Please contact the program coordinator for more information.

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 English 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.

Entering students whose placement examinations indicate that they need more preparation before taking ENGL 101 are required to take ENGL 100 first. Students not yet ready for ENGL 100 are required to begin with ACSK 090 (Composition Preparation), a course that will count in the semester 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.

Courses in English (ENGL)

- 100 Fundamentals of English**.....3 cr
Prereq: English placement test or ACSK 090 with grade of C-minus or better. Freq: Fall, Spring.
 Emphasizes basic elements of sentence style and paragraph construction in the context of short papers.
- 101 Composition and Reading**.....3 cr
Prereq: English placement test 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-minus or better. Freq: Occasionally.
 Writing for newspapers with emphasis on journalistic style, format, copy editing, and on various reporting methods.

- 112 Introduction to Women's Studies: Women in Literature**.....3 cr
Prereq: None. Freq: Alternate Springs.
 This course 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 as WOMS 112.)
- 166 Literacy Tutor Training**.....1 cr
Prereq: None. Freq: Frequently.
 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 cr
Prereq: None. Freq: Fall, Spring.
 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.
- 187 Introduction to Language**3 cr
Prereq: ENGL 101 with a grade of C-minus or better. Freq: Every third semester.
 An introduction to major areas in the study of language, including phonology, syntax, semantics, historical, comparative linguistics and socio-linguistics.
- 201 Advanced Composition**.....3 cr
Prereq: ENGL 101 with a grade of C-minus 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-minus 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: Yearly.
 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-minus 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-minus 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 British Literature to 1800**3 cr
Prereq: ENGL 101 with a grade of C-minus 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 British Literature, 1800-1920**3 cr
Prereq: ENGL 101 with a grade of C-minus 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 American Literature to 1855**3 cr
Prereq: ENGL 101 with a grade of C-minus or better or consent of instructor. Freq: Fall, Spring.
 Survey of major writers such as Hawthorne, Poe, Emerson, Thoreau, Melville and principal developments from colonial times to mid-19th century.
- 227 American Literature, 1855-1920**3 cr
Prereq: ENGL 101 with a grade of C-minus 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 Modern and Contemporary Literature, 1920 to the Present**3 cr
Prereq: ENGL 101 with a grade of C-minus 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 Introduction to World Literature**3 cr
Prereq: ENGL 101 with a grade of C-minus or better or consent of instructor. Freq: Fall.
 Broad survey of ancient, medieval, and Renaissance, including nonwestern literatures, exclusive of English literature.
- 247 Introduction to Modern World Literature**3 cr
Prereq: ENGL 101 with a grade of C-minus or better or consent of instructor. Freq: Spring.
 Broad survey of several national and regional literatures including nonwestern literatures, since the Renaissance, exclusive of those of England and the United States.
- 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.
- 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-minus or better. Freq: Fall, Spring.
 Stresses original criticism of literature (English, 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-minus or better. Freq: Yearly.
 An introductory survey of literature of various ethnic groups.
- 269 Introduction to Women Writers**3 cr
Prereq: ENGL 101 with a grade of C-minus or better. Freq: Alternate years.
 An introduction to important women writers in their cultural contexts.
- 290 Special Topics in English**1-4 cr
Prereq: ENGL 101 with a grade of C-minus 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**
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. Freq: Alternate Years.
 A study of the history and development of drama from its beginnings through Shaw.
- 312 British Novel**3 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Alternate Years.
 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: Alternate Years.
 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. 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.
- 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 the short story in America.
- 324 American Poetry**3 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Yearly.
 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: Yearly.
 A study of British, American, and/or European drama since World War I. (Cross listed with THEA 331)
- 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.
- 353 Teaching English for Early Adolescence-Adolescence: Ages 10-21 or Early Childhood-Adolescence: Birth - Age 21**3 cr
Prereq: TEDU 210, 230; Admission to Teacher Education. Freq: Alternate Falls.
 Current materials, methods and activities for teaching English at the middle/secondary level. Off-campus clinical experiences are an integral part of this course. Satisfies teacher education course 353 requirement. (Cross listed with TEDU 353.)
- 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, three cr in lit 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. (Cross listed with ETHN 367.)
- 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 187 or equivalent. Freq: Yearly.
 An examination of the development of the English language from its Indo-European origins through the periods of Old, Middle, and Early Modern English. Includes attention to orthography, phonology, morphology and syntax.
- 382 Modern English Grammar**3 cr
Prereq: ENGL 187 or equivalent. Freq: Yearly.
 An introduction to traditional, structural, transformational and other models of English grammar.
- 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: Occasionally.
 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.
- 469 Studies in Women Writers**1-6 cr
Prereq: ENGL 266; and 167 or a 200-level survey; or consent of instructor. Freq: Alternate years.
 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.
- 489 Teaching Composition**.....3 cr
Prereq: ENGL 201 or consent of instructor. Freq: Occasionally.
 Methods and materials for the teaching of writing. Evaluation techniques.
- 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. 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.
- 497 Senior Thesis**3 cr
Prereq: Consent of English faculty; sr st or 21 cr toward ENGL maj. 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**cr arr
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.