

INSTITUTION: UW-Parkside
SCHOOL OR COLLEGE: College of Natural and Health Sciences
MAJOR: Chemistry
CONCENTRATIONS: Pre-Athletic Training, Pre-Chiropractic, Pre-Kinesiology,
 Pre-Occupational Therapy, Pre-Physician Assistant, Pre-Physical Therapy



Transfer Guide for Chemistry Major

1. Application Procedure

UW System application is required for admission to the university, along with official high school and all college transcripts. To apply, visit <https://apply.wisconsin.edu>.

2. Transfer Policies

Transfer degree seeking student must earn a minimum of 30 of their last 60 credits at UW-Parkside toward their degree to fulfill the residency requirement. Individual departments and programs may require that certain courses be taken at UW-Parkside. Students transferring from non-baccalaureate institutions to UW baccalaureate-granting institutions may generally transfer up to 72 credits earned at non-baccalaureate institutions toward the 120 credits required for degree completion. UW institutions may accept additional credits toward the degree where appropriate.

3. Requirements for the Chemistry Major (71-72 credits)

The following common requirements are in addition to the university general education requirements.

A. Core Chemistry Courses (42 credits)

<u>UWC Course</u>	<u>UW-Parkside Name</u>	<u>UWP Course</u>
CHE 145	General Chemistry I	CHEM 101
CHE 155	General Chemistry II	CHEM 102
CHE 244	Quantitative Analysis	CHEM 206
Taken at UWP	Physical Chemistry I	CHEM 302
Taken at UWP	Physical Chemistry II	CHEM 303
Taken at UWP	Physical Chemistry Laboratory I	CHEM 304
CHE 343	Organic Chemistry I	CHEM 321
CHE 363	Organic Chemistry II	CHEM 322
CHE 351 AND 361	Organic Chemistry Laboratory	CHEM 323
Taken at UWP	Chemistry of Biological Systems	CHEM 324
Taken at UWP	Instrumental Analysis Laboratory	CHEM 400

Students may substitute UWP CHEM 113, 114, and 208 for UWP CHEM 101, 102, and 206

B. Physics and Mathematics (20 credits)

MAT 221	Calculus and Analytic Geometry I	MATH 221
MAT 222	Calculus and Analytic Geometry II	MATH 222
PHY 201	General Physics I	PHYS 201
PHY 202	General Physics II	PHYS 202

C. Chemistry Elective Courses (9-10 credits)

1. Choose two courses (6 credits)

Taken at UWP	Chemical Instrumentation	CHEM 306
Taken at UWP	Inorganic Chemistry	CHEM 310
	Advanced Organic Chemistry	CHEM 402

2. Choose one course (2-3 credits)

Taken at UWP	Physical Chemistry Laboratory II	CHEM 305
Taken at UWP	Advanced Organic Laboratory*	CHEM 401

3. Choose one course (1 credit)

Taken at UWP	Senior Seminar	CHEM 495
Taken at UWP	Senior Thesis	CHEM 497

Biochemistry Concentration in the Chemistry Major (17 credits)

The concentration in biochemistry provides excellent background for careers and for graduate or professional study in biochemistry, medicine, microbiology, molecular biology, pharmacy, pharmacology, pharmaceutical chemistry and other biological sciences. Because this concentration includes biological science courses in addition to most of the courses required for the chemistry major, it also provides a broader background for chemistry students who wish to terminate their training at the baccalaureate level.

Biochemistry Concentration Requirements (17 credits)

Students in the biochemistry concentration complete the following courses rather than the electives listed under category C. Chemistry Elective Courses. UWP CHEM 307 may substitute for UWP CHEM 324 listed in category A.

1. Required courses (16 credits)

Taken at UWP	Bioscience	BIOS 101
Taken at UWP	Organismal Biology	BIOS 102
Taken at UWP	Molecular Biology	BIOS 309
Taken at UWP	Biochemistry Laboratory	CHEM 308
Taken at UWP	Advanced Biochemistry	CHEM 410

2. Choose one course (1 credit)

Taken at UWP	Senior Seminar	CHEM 495
Taken at UWP	Senior Thesis	CHEM 497

4. Skills, Foreign Language, Ethnic Diversity, & General Education Requirements

Students that earn Associate of Arts & Science Degree at a UW College will satisfy general education and skills requirements at UW-Parkside. Students may need to meet the foreign language and ethnic diversity requirement.

Students who transfer to UW-Parkside without the Associate of Arts & Science degree must complete skills, foreign language, diversity, and general education requirements as listed below.

ENGLISH AND MATH COMPUTATIONAL SKILLS

<u>UWC Course</u>	<u>UW-Parkside Name</u>	<u>UWP Course</u>
ENG 102	Composition and Reading	ENGL 101
MAT 105 OR	Survey of Mathematics	MATH 102
MAT 110	College Algebra II	MATH 112 (required for business majors)

FOREIGN LANGUAGE REQUIREMENT

Must be fulfilled by one of the following options:

- two years of one language in high school with a grade of C or better in the second year of the language
- complete course at 104 level or above at UW-Parkside (or equivalent)
- 2 college semesters of one foreign language from an accredited institution

ETHNIC DIVERSITY REQUIREMENT

Any UWP course or equivalency with the (DV) designation meets UW-P's ethnic diversity requirement.

GENERAL EDUCATION REQUIREMENT

1. **HUMANITIES AND ARTS:** 12 Credits required from at least three different departments/programs
2. **SOCIAL AND BEHAVIORAL SCIENCE:** 12 Credits required from at least three different departments/programs
3. **NATURAL SCIENCE** - 12 Credits required from at least three different departments/programs

Options are shown on page 4.

5. Contact Info

UW-Parkside Admissions Office

Amelia Tobias
Transfer Admissions Counselor
Phone: (262)595-2668
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Chemistry Department

Lori Allen
Phone: (262)595-2326
Email: allen@uwp.edu

Visit the Natural and Health Sciences Website:

<http://uwp.edu/learn/colleges/naturalhealthsciences/index.cfm>

Every effort is made to maintain accurate information; however, this information is subject to change. It is always best to check with your UW College advisor, UWP Transfer Admissions Counselor, or UWP advisor to ensure accuracy of equivalencies in your transfer plan. Students may also utilize the Student Transfer Assessment Report (STAR) and the Transfer Information System (TIS) to view equivalencies.

UWC Classes Applying to UWP General Education Requirements

Humanities & Arts
Art
ART 100, 101, 104, 105, 106, 107, 110, 111, 113, 114, 115, 122, 125, 126, 133, 134, 144, 161, 170, 175, 180, 181, 183, 209, 210, 211, 235, 236, 245, 261, 290
WOM 295
English
ENG 242 (DV), 250, 253, 255, 261, 263, 266, 264, 266, 267, 281, 284, 286
FRE 277
PHI 226
WOM 279
Humanities
ANT 260 (DV), ANT 353 (DV), INT 230, WOM 203
Music
MUS 072, 131, 170, 173, 273(DV)
WOM 102
Philosophy
PHI 101, 103, 106, 201, 202, 203(DV), 210, 211, 220, 230, 237, 241, 242, 243, 244, 248, 259(DV), 261
INT230, WOM 202, BIO 230, REL 258, REL 261
Theater
CTA 130, 131, 349
COM 103
Modern Languages
FRE 201, 203 AND 204, 205
GER 201, 203 AND 204, 205
SPA 203 AND SPA 204, 205

Social & Behavioral Sciences
Business
BUS 101, 110
Communications
CTA 100, 101, 102, 110, 160, 201, 202, 203, 204, 211, 218, 220, 221, 230, 266, 268, 298
SOC 131
Economics
ECON 101, 203, 204
Ethnic Studies
AIS 101 (DV), ANT 353, SPA 247(DV)
Geography
GEO 101, 102(DV), 104 (DV), 110, 130, 200, 277
History
HIS 101 (DV), 102 (DV), 106, 111, 112, 114, 115, 118, 119, 123, 124, 126, 127, 150, 198, 210, 211, 213, 215, 218, 222, 223, 255, 257, 258, 259, 260, 261, 262(DV), 271, 272, 273, 275, 277(DV), 278(DV), 279, 280, 283, 288, 289, 293, 297
INT 210, ART 185, ART 188, PHI 232
Health, Exercise Science, and Sports Management
HES 206
Interdisciplinary Studies
INT 210
Political Science
POL 101, 104, 106, 160, 175, 201, 204, 206, 218, 220, 221, 225, 250, 298, 352
Psychology
PSY 201, 202, 205, 208, 224, 270(DV), 311
WOM 208
Sociology & Anthropology
SOC 101, 120, 125, 134 (DV), 160, 220, 231, 234(DV), 238, 250, 270, 275, 285, 291
ANT 100, 204, 222, 302, 303, 322, 341, 351
PHI 203, 231
Women's Studies
INT 101, 208, 231
WOM 101, 138, 201, 231

Natural Sciences
Biology
BIO 101, 103, 107, 108, 109, 116, 151, 160, 161, 162, 171, 172, 180, 211, 230, 250, 286
Chemistry
CHE 112, 123, 124, 125, 145, 165, 175, 203 AND 211, 204, 214, 290,299, 351, 361
Computer Science
CPS 103, 130, 131, 211, 213, 216, 217, 245
Geography
GLG 100, 101, 104, 107, 130, 131, 169, 291, 297, 314, 350
Geoscience
GEO 106, 120, 123, 124, 125
GEO 130, NAT 250
Health, Exercise Science, and Sports Management
HES 209
Math
MAT 221, 222, 234
CPS 240, 241, 243
Physics
PHY 107, 110, 115, 141, 211, 212, 213
AST 100, 101, 105, 200
Management Information Systems
CPS 240