

Chemistry with Business Emphasis, B.S., Comprehensive Major

The following is a hypothetical schedule, based on the 2019-2020 catalog. It assumes no transferred credits, no requirements waived by placement tests, no courses taken in the summer or winter, and no remedial courses that may be required. UW-Eau Claire cannot guarantee all courses will be offered as shown, but will provide a range of courses that will enable prepared students to fulfill their requirements in a timely period. This is just a guide. Please consult your advisor, your degree audit, and the catalog to create your personalized degree plan. Note: In order to complete their degrees in four years, students should plan to take 15 credits each semester or 30 credits each year.

FIRST YEAR

FIRST SEMESTER			SECOND SEMESTER		
Subj/Area/Course	Title	Crs	Subj/Area/Course	Title	Crs
CHEM 105 ^a	General Chemistry I Lecture	3	CHEM 109 ^a	General Chemistry II Lecture & Lab	4
CHEM 106 ^a	General Chemistry I Lab (K1L)	2			

SOME TIME IN THE FIRST YEAR:

Subj/Area/Course	Title	Crs	Subj/Area/Course	Title	Crs
WRIT 114 or 116	Blugold Seminar (S1)	5	ECON 103	Principles of Microeconomics (K2)	3
MATH 111, 112, 113, or 114	A Short Course in Calculus (S2), Precalculus (S2), Trigonometry, or Calculus I (S2)	2-4	LE Core Elective	Humanities (K3)	3
			LE Core Elective	Equity, Diversity, Inclusivity (R1)	3
			TOTAL FIRST YEAR		30

SECOND YEAR

FIRST SEMESTER			SECOND SEMESTER		
Subj/Area/Course	Title	Crs	Subj/Area/Course	Title	Crs

SOME TIME IN THE SECOND YEAR:

Subj/Area/Course	Title	Crs	Subj/Area/Course	Title	Crs
CHEM 213	Quantitative Analysis (S3)	4	CHEM 218	Introduction to Inorganic Chemistry (Spring Only)	3
ACCT 201	Principles of Accounting I	3	PHYS 211	General Physics I (K1L)	5
ECON 104	Principles of Macroeconomics (K2)	3	IS 240	Information Systems in Business	3
BCOM 206, BCOM 207, ENGL 312, or ENGL 313	Communications Requirement (S1)	2-3	LE Core Elective	Civic, Social Environmental Responsibility (R3)	3
			TOTAL SECOND YEAR		30

SOME TIME IN THE FIRST OR SECOND YEAR

Subj/Area/Course	Title	Crs	Subj/Area/Course	Title	Crs
MATH 111, 112, 113, or 114	A Short Course in Calculus (S2), Precalculus (S2), Trigonometry, or Calculus I (S2)	2-4			

THIRD YEAR

FIRST SEMESTER			SECOND SEMESTER		
Subj/Area/Course	Title	Crs	Subj/Area/Course	Title	Crs
CHEM 325	Organic Chemistry I with Lab	4	CHEM 326	Organic Chemistry II with Lab	4

SOME TIME IN THE THIRD YEAR

Subj/Area/Course	Title	Crs	Subj/Area/Course	Title	Crs
PHYS 212	General Physics II	4	BUSINESS ELECTIVE ^b	Business Elective	3
MATH 246	Elementary Statistics (S2)	4	LE Core Elective	Integration (I1)	3
LE Core Elective	Equity, Diversity, Inclusivity (R1+DD)	3			
			TOTAL THIRD YEAR		30

FOURTH YEAR

FIRST SEMESTER			SECOND SEMESTER		
Subj/Area/Course	Title	Crs	Subj/Area/Course	Title	Crs
CHEM 411	Survey of Industrial Chemistry (Fall Only)	3	CHEM 460	Polymer Chemistry (Spring Only)	3
BUSINESS ELECTIVE ^b	Business Elective	3	CHEM 274	Chemical Industry Seminar (Spring Only)	1
			BUSINESS ELECTIVE ^b	Business Elective	3

SOME TIME IN THE FOURTH YEAR

Subj/Area/Course	Title	Crs	Subj/Area/Course	Title	Crs
LE Core Elective	Integration (I1)	3	LE Core Elective	Global Learning (R2)	3
LE Core Elective	Humanities (K3)	3	LE Core Elective	Fine Arts (K4)	3
			ELECTIVE ^c		3
			TOTAL FOURTH YEAR		30

RECOMMENDATIONS FOR HIGH IMPACT PRACTICES (HIPs)

The University of Wisconsin-Eau Claire encourages all students to participate in High Impact Practices. The following information identifies any specific recommendations that faculty in this major have concerning which HIPs might be most beneficial to students, and any recommendations about when those HIPs best fit into the degree plan. Students should also consult their faculty advisor for information on HIPs. There are many additional high impact opportunities available. Talk to your academic advisor for more information about incorporating HIPs like [Study Abroad](#), [Intercultural Immersion](#), [Internship](#), and/or [Student/Faculty Collaborative Research](#) into your time at UW-Eau Claire.

NOTES

Liberal Education Core (LE Core)

The LE Core comprises 17 learning experiences across 11 learning outcomes. Students must complete a minimum of 36 credits in courses approved for the LE Core.

- K1 – Natural Sciences; two experiences (one lab science experience is required in K1 or K2).
- K2 – Social Sciences; two experiences (one lab science experience is required in K1 or K2).
- K3 – Humanities; two experiences.
- K4 – Fine Arts; one experience.
- S1 – Written and Oral Communication; two experiences (one experience must satisfy the University writing requirement).
- S2 – Mathematics; one experience (must satisfy the University math competency requirement).
- S3 – Creativity; one experience (can be fulfilled in a student's major).
- R1 – Equity, Diversity, and Inclusivity; two experiences (one experience must meet the UW System Design for Diversity (DD) requirement).
- R2 – Global Perspectives; one experience.
- R3 – Civic and Environmental Issues; one experience.
- I1 – Integration; two experiences (one experience can be fulfilled in a student's major).
- SL—Service Learning; 30 hours

Additional LE Core Information

- Most LE Core learning experiences are course based, and many courses meet more than one learning outcome (e.g., K3 and R2 or K1 and R3).
- Some learning experiences can also be met outside of a traditional course (e.g., undergraduate research (S3), study abroad (I1)).
- S1 – An English placement score that fulfills the University writing requirement fulfills one S1 experience.
- S1 – A foreign Language placement score that qualifies the student to enter the 102 level satisfies one S1 experience.
- S1, R2 – A foreign language placement score that qualifies the student to enter the 202 level satisfies one experience in S1 and the R2 experience.
- S2 – A math placement score that qualifies the student to enter Math 111, 112, 113 or 114 fulfills the S2 experience.
- S3 – Completion of two credits from any approved music ensemble fulfills the S3 experience.
- I1 – Any semester long study abroad program can fulfill one I1 experience.

Course Suggestions (if applicable)

- Only 6 of the 9 credits from CHEM 105, CHEM 106 (K1) and CHEM 109 will count towards the major. As an alternative, CHEM 115 (K1) may be substituted for CHEM 105, CHEM 106 (K1) and CHEM 109.
- Select three courses from the following:

FIN 320 – Principles of Finance	MKTG 330 – Principles of Marketing
MGMT 340 – Organizational Behavior	MKTG 336 – Business Logistics Management
MGMT 341 – Operations Management	MKTG 337 – Professional Selling
MGMT 345 – Managing Global Organizations	MKTG 433 – Sales Management
MGMT 446 – Organizational Change and Development	MKTG 437 – Business to Business Marketing
- Electives need to be carefully selected to ensure that a student's degree comprises at least 39 credits of upper division courses (300-400 level). While students are encouraged to take additional courses in chemistry and business, electives can be selected from any discipline as long as the student meets the course prerequisites.