

Chemistry

Please refer to the current [Undergraduate Academic Catalog](#) to see the course descriptions and a major description with requirements for Chemistry.

New students considering a major in chemistry should select General Chemistry I (**CHEM 111**) and an appropriate course in mathematics (e.g. **MATH 121** or **MATH 122**). CHEM 111 fulfills the first semester of the two-semester natural science sequence (CHEM 111-112). CHEM 111 also fulfills a requirement for majors in biology and environmental science. Course descriptions for the mathematics courses can be found in the information for the Department of Mathematics. Please visit the [Chemistry Department's website](#) for more information.

Below please find some examples of first semester schedules for a Chemistry major. There are many variations of a first semester schedule; the examples are just meant to help you see that there are many ways to reach the same goals.

For information about the General Education Requirements Met below visit the [General Education Requirements](#) website.

Example 1:

Course (credits)	Requirement(s) Met
1. CHEM 111 - General Chemistry I with Lab (4)	Major, NS
2. ARTH 114A - History of Western Art I (3)	ALPA
3. MATH 121** - Calculus I (3)	QR
4. ITAL 101** - Beginning Italian (3)	FL
5. FSEM 100D5 - Scientific Controversies in the Media (3)	FSEM

Example 2:

Course (credits)	Requirement(s) Met
1. CHEM 111 - General Chemistry I with Lab (4)	Major, NS
2. FSEM 100X - Celluloid Vampire: Dracula (3)	FSEM
3. MATH 121** - Calculus I (3)	QR
4. COMM 209 - Argumentation (3)	ALPP, SI*

Example 3: Athletes for varsity sports must register for the 400-level course of the sport. Practice times for varsity sports can vary, but generally speaking, athletes should allow for enough time to get to and from practice on weekdays from 3 - 6 p.m. Please check with the individual coach for your sport to verify specific practice times each semester.

Course (credits)	Requirement(s) Met
1. CHEM 111 - General Chemistry I with Lab (4)	Major, NS
2. MATH 121** - Calculus I (3)	QR
3. GERM 101** - Beginning German (3)	FL
4. FSEM 100B8 - Ethics & Literature (3)	FSEM

5. PHYD 412 - Intercollegiate Riding - Men & Women (1)	Major, NS
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*These paths assume fall matriculation. Students entering in the spring semester will make appropriate adjustment for sequencing issues.

**Please note that not all sections of a course may have the Across-the-Curriculum (ATC) attribute(s). Across-the-Curriculum designations for a course are dependent on instructor and semester. ATC designations for each course are listed in the Banner description for the semester in which you are registering.*

***This particular course is in a discipline that allows students with demonstrated competence upon admission to UMW (such as AP/IB credit, dual enrollment, etc.) to begin courses at a higher level. Please read the Academic Planning Guide carefully to see if you meet the requirements. For example: students may begin at any level language course for which they feel prepared (101, 102, 105, 201, 202 or 205), but must then complete the rest of the sequence in order without repeating or skipping any levels.*