

Undergraduate Chemistry Course Offerings

Chemistry Courses with Prerequisites, Corequisites, and Semester(s) Offered				
Subject	Course Number	Title	Prerequisite	Semester(s) Offered
CHEM	1211K	Chemical Principles I	N/A	Fall, Spring
CHEM	1212K	Chemical Principles II	CHEM 1211K or CHEM 1310	Fall, Spring, Summer
CHEM	1310	General Chemistry	N/A	Fall, Spring, Summer
CHEM	1315	Survey of Organic Chemistry	CHEM 1310 or CHEM 1212K	Fall, Spring, Summer Variable
CHEM	2214	Quantitative Analysis	CHEM 1212K	Fall, Spring
CHEM	2311	Organic Chemistry I	CHEM 1212K	Fall, Spring, Summer
CHEM	2312	Organic Chemistry II	CHEM 2311	Fall, Spring, Summer
CHEM	2313	Bioorganic Chemistry	CHEM 2311	Fall, Spring
CHEM	2380	Synthesis Lab I	CHEM 2312 or CHEM 2313	Fall, Spring, Summer
CHEM	2601	Professional Skills for Chemists	N/A	Fall, Spring
CHEM	2801	Special Topics	Variable	Variable
CHEM	3111	Inorganic Chemistry	CHEM 1212K AND CHEM 2312 or CHEM 2313	Fall, Spring Variable
CHEM	3216	Analytical Chemistry	CHEM 2214	Fall, Spring
CHEM	3216L	Analytical Chemistry Lab	CHEM 2214	Fall, Spring
CHEM	3371	Organic Chemistry Lab	CHEM 2313 or CHEM 2312	Fall, Spring
CHEM	3380	Synthesis Lab II	CHEM 2380 AND CHEM 3111	Fall
CHEM	3411	Physical Chemistry I	CHEM 1212K	Fall, Spring
CHEM	3412	Physical Chemistry II	CHEM 1212K AND PHYS 2212	Fall, Spring
CHEM	3481	Physical Chemistry Lab	CHEM 3411 AND CHEM 3412 AND CHEM 2380	Spring
CHEM	3511	Survey of Biochemistry	CHEM 2312 or CHEM 2313	Fall, Spring, Summer Variable
CHEM	3700	Alternative Energy	CHEM 1211K and PHYS 2212	Fall
CHEM	4113	Inorganic Energy Conversion	CHEM 3111	Spring Variable
CHEM	4311	Advanced Organic Chemistry	CHEM 2312/3	Fall
CHEM	4341	Applied Spectroscopy	CHEM 2312/3	Fall

CHEM	4452	Solid State Chemistry	CHEM 3111, CHEM 3412	Spring Variable
CHEM	4485	Computational Chemistry	CHEM 1212K or CHEM 1310	Spring Variable
CHEM	4511	Biochemistry I	CHEM 2311	Fall, Spring
CHEM	4512	Biochemistry II	CHEM 4511 AND CHEM 2312 or CHEM 2313	Fall, Spring
CHEM	4521	Biophysical Chemistry	CHEM 3411, CHEM 4511	Spring
CHEM	4581	Biochemistry Lab I	CHEM 4511 AND CHEM 3216 AND CHEM 3216L	Fall, Spring
CHEM	4582	Biochemistry Lab II	CHEM 4512 AND CHEM 4582	Fall, Spring
CHEM	4601	Chemistry Seminar	CHEM 4512	Fall Variable, Spring
CHEM	4740	Atmospheric Chemistry	CHEM 3411	Spring
CHEM	4760	Biocatalysis	CHEM 3511 or CHEM 4511, CHEM 3411	Fall Variable, Spring Variable
CHEM	4765	Drug Design, Development and Delivery	CHEM 3511 or CHEM 4511	Spring
CHEM	4775	Polymer Science & Engr. I	CHEM 2312/3, CHEM 3411	Fall, Spring, Variable Summer
CHEM	4803	Special Topics	Variable	Variable

Please note the following:

This schedule is unofficial and subject to change.

In addition to the list above, you can check the [Schedule of Classes in Buzzport from previous semesters](#) for specific times/days when classes have been offered in the past. While the schedule can change in any given semester, previous class schedules can provide a rough estimate for future course schedules. Look for CHEM Courses or any semester prior to Spring 2020.

Undergraduate Research and Undergraduate Internships (CHEM 2694, 2695, 2698, 2699, 4694, 4695, 4698, and 4699) are offered on a by-student basis in coordination with their Faculty mentor. For more information, contact your advisor.

Updated 7/15/21