

Chemistry Minor

Please note that a grade of "C" or higher is required for all courses in the minor

Required Chemistry Courses: 14 Total Credits

Course Prefix & Number	Course Title	Credits	Pre-Requisites
<input type="checkbox"/> CHM 2045 <input type="checkbox"/> CHM 2045L	General Chemistry I & Lab	4	MAC 1105 AND 1 year of high school Chem.
<input type="checkbox"/> CHM 2046 <input type="checkbox"/> CHM 2046L	General Chemistry II & Lab	4	CHM 2045 & Lab
<input type="checkbox"/> CHM 2210 <input type="checkbox"/> CHM 2210L	Organic Chemistry I & Lab	5	CHM 2046 & Lab
<input type="checkbox"/> CHM 4060	Use of Chemical Literature	1	CHM 2211

Required Chemistry Electives: Choose 10 Credits of courses from the following list:

Course Prefix & Number	Course Title	Credits	Pre-requisites
<input type="checkbox"/> CHM 2211*	Organic Chemistry II	3	CHM 2210
<input type="checkbox"/> CHM 2211L	Organic Chem. II Lab	2	CHM 2211 & CHM 2210L
<input type="checkbox"/> CHM 3120C	Elementary Analytical Chemistry & Lab	4	CHM 2046 & Lab
<input type="checkbox"/> BCH 3023 OR <input type="checkbox"/> BCH 3053 OR <input type="checkbox"/> BCH 4033 (Fall Only)	Introductory Biochemistry* *Offered prior to Spring 2014 OR Introductory Biochemistry** **Offered beginning Spring 2014 OR Advanced Biochemistry I** **Offered beginning Fall 2014	3 3 3	CHM 2211 AND BSC 2010 CHM 2210 AND BSC 2010 CHM 2211 AND BSC 2010
<input type="checkbox"/> BCH 3023L	Biochemistry Lab	2	BCH 3023
<input type="checkbox"/> CHM 3610	Intermediate Inorganic Chemistry	3	CHM 2046 & Lab
<input type="checkbox"/> CHM 3610L	Intermediate Inorganic Chemistry Lab	1	CHM 2046 & Lab AND CHM 3610 as co-requisite
<input type="checkbox"/> CHM 4410 (Fall only)	Physical Chemistry I	4	CHM 2046 & Lab AND MAC 2312 AND PHY 2054 & Lab
<input type="checkbox"/> CHM 4410L	Physical Chemistry I Lab	1	CHM4410
<input type="checkbox"/> CHM 4411 (Spring only)	Physical Chemistry II	4	CHM 2046 & Lab AND MAC 2312 AND PHY 2054 & Lab
<input type="checkbox"/> CHM 4300 (Spring only)	Biomolecules	3	CHM 2211
<input type="checkbox"/> CHM 4413 (Spring only)	Biophysical Chemistry	3	CHM 4410
<input type="checkbox"/> CHM 4932**	Special Topics**	1-3	Consent of Instructor
<input type="checkbox"/> CHS 4300 (Fall only)	Clinical Chemistry	3	BCH 3023

Chemistry Residency Requirement: At least 8 credits of minor-applicable Chemistry courses must be completed at USF

*CHM 2211 is a pre-requisite for CHM 4060, which is a required course for the Chemistry minor. **Special Topics vary each semester. Recent topics include: Polymer Chemistry, Organometallic Chemistry, Medicinal Chemistry. NOTE: CHM4932 Peer Leading does not count towards the minor.

NOTE: Students pursuing a major in the Department of Chemistry **cannot** earn a minor in Chemistry

NOTE: Biology Majors **cannot** count Biochemistry (BCH 3053/L) towards both their major and the Chemistry minor. Students must meet with an advisor to plan additional appropriate coursework.

USF Chemistry Advising

SCA 203; tel. 813-974-3250; fax. 813-974-2876 Email: chemadvise@usf.edu

Schedule your advising appointment at <http://chemistry.usf.edu/advising/appt/>

Students apply for a minor when submitting a graduation application, therefore, you do not "declare" a minor