

B.A. Chemistry

Four Year Proposed Schedule

Year	Fall Semester	Spring Semester
1	IQL (Math 141 <i>Statistics</i>) or ITW INCHEM 111 <i>General Chemistry I</i> BIO 110 <i>Molecules and Cells</i> INPHYS 141 <i>College Physics I</i> <p style="text-align: right;">16 credits</p>	IQL (Math 141 <i>Statistics</i>) or ITW CHEM 112 <i>General Chemistry II</i> PHYS 142 <i>College Physics II</i> ISP <p style="text-align: right;">16 credits</p>
2	CHEM 221 <i>Organic Chemistry I</i> CHEM 251 <i>Quantitative Analysis</i> MATH 151 <i>Calculus I</i> ISP <p style="text-align: right;">16 credits</p>	CHEM 222 <i>Organic Chemistry II</i> MATH 152 <i>Calculus II</i> ISP ISP <p style="text-align: right;">16 credits</p>
3	CHEM 375 <i>Biochemistry</i> ISP Elective Elective <p style="text-align: right;">16 credits</p>	CHEM 342 <i>Physical Chemistry II</i> ISP Elective Chemistry Elective [CHEM 363] [*] <p style="text-align: right;">16 credits</p>
4	Elective or Chemistry Elective Elective Elective <p style="text-align: right;">12 credits</p>	Elective or Chemistry Elective Elective Elective <p style="text-align: right;">12 credits</p>

* Students working on teacher certification **must** choose CHEM 363 (Inorganic Chemistry) as one of their Chemistry Electives due to a requirement for certification.

Possible Chemistry Electives

- Consult the course catalog for course prerequisites and offerings

CHEM 321 Organic Chemistry III

CHEM 421 Advanced Synthetic Chemistry

CHEM 333 Medicinal Chemistry

CHEM 454 Instrumental Analysis

CHEM 341 Physical Chemistry I

CHEM 461 X-Ray Crystallography

CHEM 365 Organometallics

CHEM 481 Laboratory Teaching Practicum

CHEM 373 Polymer Chemistry

CHEM 298/498 Independent Study
(undergraduate research)