

CHEMISTRY MAJOR WITH AN AMERICAN CHEMICAL SOCIETY CERTIFICATION AND A BIOCHEMISTRY CONCENTRATION

Requirements

Chemistry major with American Chemical Society certified major requirements with a concentration in biochemistry, requirements include:

| Code | Title | Credits |
|--------------------------------------|--|-----------|
| Major Requirements (Basic) | | |
| CHEM 231 | General Chemistry I | 4 |
| CHEM 232 | General Chemistry II | 4 |
| CHEM 294 | Chemistry Colloquium (two credits are required, preferably taken each semester sophomore year) | 2 |
| CHEM 336 | Inorganic Chemistry | 4 |
| CHEM 341 | Organic Chemistry I | 4 |
| CHEM 342 | Organic Chemistry II | 4 |
| CHEM 355 | Introduction to Analytical Chemistry | 2 |
| CHEM 455 | Advanced Analytical Chemistry I | 2 |
| or CHEM 457 | Advanced Analytical Chemistry II | |
| CHEM 371 | Physical Chemistry I | 4 |
| CHEM 494 | Chemistry In Context | 2 |
| Beyond the basic major requirements: | | |
| CHEM 461 | General Biochemistry | 4 |
| CHEM 462 | Advanced Biochemistry | 2 |
| CHEM 463 | Biochemistry Analysis | 4 |
| CHEM 372 | Physical Chemistry II | 2 |
| CHEM 475 | Methods in Physical Chemistry | 2 |
| CHEM 485 | Synthesis And Analysis | 2 |
| CHEM 457 | Advanced Analytical Chemistry II (whichever has not yet been taken) | 2 |
| or CHEM 455 | Advanced Analytical Chemistry I | |
| Supporting Courses | | |
| MATH 235 | Calculus I | 4 |
| MATH 236 | Calculus II | 4 |
| PHYS 231 | Introductory Physics I | 4 |
| PHYS 232 | Introductory Physics II | 4 |
| Total Credits | | 66 |