

| Bachelor of Science in Chemistry | |
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| MAJOR REQUIREMENTS/CHEMISTRY: 36 Credits (a) | Credits |
| CE-111: General Chemistry I | 3.0 |
| CE-111L: General Chemistry I Lab | 1.0 |
| CE-112: General Chemistry II | 3.0 |
| CE-112L: General Chemistry II Lab | 1.0 |
| CE-221: Quantitative Analysis | 3.0 |
| CE-221L: Quantitative Analysis Lab | 2.0 |
| CE-241: Organic Chemistry I | 3.0 |
| CE-241L: Organic Chemistry I Lab | 2.0 |
| CE-242: Organic Chemistry II | 3.0 |
| CE-242L: Organic Chemistry II Lab | 2.0 |
| CE-311: Chemical Literature | 1.0 |
| CE-322: Instrumental Analysis | 3.0 |
| CE-322L: Instrumental Analysis Lab | 1.0 |
| CE-341: Physical Chemistry I | 3.0 |
| CE-341L: Physical Chemistry I Lab | 1.0 |
| CE-410: Seminar in Chemistry | 1.0 |
| Take 3 Credits from Chemistry 400+ level CE-xxx: (Except CE-499) _____ | 3.0 |
| REQUIREMENTS OUTSIDE MAJOR: 18 Credits | Credits |
| MA-125: Calculus with Analytic Geometry I | 4.0 |
| MA-126: Calculus with Analytic Geometry II | 4.0 |
| PH-211: General Physics and Calculus I | 4.0 |
| PH-211L: General Physics with Calculus I Lab | 1.0 |
| PH-212: General Physics with Calculus II | 4.0 |
| PH-212L: General Physics with Calculus II Lab | 1.0 |
| FREE ELECTIVES: 38 Credits | Credits |
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| (a) Students desiring certification by the ACS should enroll in the CE.ACS program and should consult with the department chair and academic advisor. | |

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| GENERAL EDUCATION REQUIREMENTS: 36 Credits | | Credits |
| First Year Seminar | FY-101: First Year Seminar *(Select Section "CE") | 3.0 |
| Reading and Writing | EN-101: College Composition I | 3.0 |
| | EN-102: College Composition II | 3.0 |
| Mathematics | Fulfilled in Outside Major Requirements with MA-125 or MA-126 | 0.0 |
| Natural Sciences | Fulfilled in Major Requirements with required CE courses | 0.0 |
| Literature | 3 Credits from courses designated with Course*Type: LIT | 3.0 |
| Aesthetics and Creativity | 3 Credits from Art, Music, Theatre, or Dance | 3.0 |
| Technological Literacy | IT102: Information Technology for Scientists | 3.0 |
| Reasoned Oral Discourse | Fulfilled in the Major Requirements with CE-410 | 0.0 |
| Historical Perspective | 3 Credits from courses designated with Course*Type: HS.SV | 3.0 |
| Social Science | 3 Credits from courses designated with Course*Type: SS.SV | 3.0 |
| Historical Perspective/Social Sciences | 3 Credits from courses designated with Course*Type: HS.SV or 3 Credits from courses designated with Course*Type: SS.SV | 3.0 |
| Interdisciplinary Perspectives | 3 Credits from courses designated with Course*Type: ISP | 3.0 |
| Cultural Diversity and Global Understanding or Foreign Language | 3 Credits from courses designated with Course*Type: CD and 3 Credits from courses designated with Course*Type: GU or 6 Credits from the SAME foreign language | 6.0 |
| Experiential Education | One course designated with Course*Type: EX | 0.0 |
| Writing Intensive | Two courses from Chemistry (CE) designated with Course*Type: WT | 0.0 0.0 |

Minimum Credits for Bachelor of Science in Chemistry = 128.0

NOTES:

* 58 credits must be completed at the 200 level or higher.