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| UNIVERSITY CORE (min. 44 cr. required) | | | |
| Foundation Requirements (min. of 21-31) | cr # | 3 | |
| ENG 110 Composition (can test out) | 0-3 | | |
| ENG 120 Critical Writing | 4 | | |
| ENG 201 Writing in the Disciplines | 3 | | |
| COM 200 Public Speaking | 3 | | |
| CIS 101, CIS 103, CIT 110, CS 121, TS 3145 | 3-45 | | |
| PHY 111 Physics I | 4 | | |
| MAT 131 Calculus I | 4 | | |
| Second Language Proficiency (can test out) | | | |
| Two Language courses* selected from: ARA/ASL/CHI/FRE/ITA/JPN/POR/RUS/SPA | | | |
| *See second language placement policy | | | |
| | 0-3 | | |
| | 0-3 | | |

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| MAJOR REQUIREMENTS (53-65 cr) | cr | 3 |
| Major Courses (53 cr.) | | |
| CHE 111 General Chemistry I | 4 | |
| CHE 112 General Chemistry II | 4 | |
| CHE 223 Organic Chemistry I | 5 | |
| CHE 224 Organic Chemistry II | 5 | |
| CHB/PHS 232 Bioanalytical Chemistry & Instrumentation | 4 | |
| CHE 300 Introduction to Physical Chemistry | 4 | |
| CHE 326/BIO 327 Biochemistry | 4 | |
| BIO 251 Principles of Human Anatomy | 4 | |
| CHB 200 Fundamentals of Chemical Biology | 3 | |
| CHB 301 Bioinformatics | 3 | |
| BIO 335 Molecular and Cellular Biology | 4 | |
| BIO 334 General Physiology | 4 | |
| CHB 392/492 Seminar in Chemical Biology I/II | 2 | |
| CHB 480 Research in Chemical Biology | 3 | |

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| Areas of Knowledge (AOK; min. of 17 cr.) | | |
| See web class schedule for list of approved courses | | |
| | cr # | 3 |
| Western Heritage - WH | | |
| 1 course (formerly AOK 2) | | |
| World Cultures & Traditions - WC | | |
| 1 course (formerly AOK 3) | | |
| Humanistic & Creative Expressions - HCE | | |
| 1 course (formerly AOK 4) | | |
| | | |
| 1 course (formerly AOK 5) | | |
| PHY 112 Physics II | 4 | |
| ONE additional course from WH, WCT, HCE, or | | |
| In-Depth Sequence (12 cr.) | | |
| BIO 101 Biology I | 4 | |
| BIO 102 Biology II | 4 | |
| BIO 231 Genetics | 4 | |

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| Major Elective (3-4 cr.) | | |
| Students select one course from the list below in consultation with an advisor. | | |
| PHS 200 Fundamentals of Pharm Sci | 3 | |
| BIO 359 Immunology | 4 | |
| BIO 325 Neurobiology | 3 | |
| CHE 370 Membrane Transport & Ionic Channels | 3 | |
| BIO 346 Intro to Gen Pharmacology | 3 | |
| CHE 221 Analytical Methods and Techniques | 4 | |
| CHE 331 Instrumental Analysis | 4 | |
| BIO 264 Microbiology | 4 | |
| Required Math and Science Courses (8 cr.) | | |
| BIO 101 Biology I (in-depth sequence) | 0 | |
| BIO 102 Biology II (in-depth sequence) | 0 | |
| BIO 231 Genetics (in-depth sequence) | 0 | |
| MAT 131 Calculus I (taken in Core) | 0 | |
| MAT 132 Calculus II | 4 | |
| MAT 141 Introductory Statistics for Life Sciences | 4 | |
| PHY 111 Physics I (taken in Core) | 0 | |
| PHY 112 Physics II (taken in Core) | 0 | |

Required Learning Experiences:
1 Learning Community = (2 linked courses) or INT Course

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| OPEN ELECTIVES (1-7 cr.) | cr | 3 |
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