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|  | **Fall** | | **Spring** | |
| **FR** | **CHEM1301 Chemical Principles I (3)**  **BIO1402 Unity of Life and lab (4)**  **DWHP1200 Dimensions of Wellness Core (2)\***  **ENGL1311 Composition I (3)**  **Computer Literacy Core (3)\***  SEMESTER HRS: 15 hrs. | | **CHEM1302 Chemical Principles II (3)**  **CHEM 1203 General Chemistry Lab (2)**  **RELS Religious Studies Core (3)\***  **ENGL1312 Composition II (3)**  **MATH1311 Pre-Calculus (3)**  SEMESTER HRS: 14 hrs. | |
| **SO** | **CHEM2311 Organic Chemistry I (3)**  **CHEM2111 Organic Chemistry I lab (1)**  **Literature/Arts Core (3)\***  **MATH2312 Calculus I (3)**  **Second Language Core (3)\***  **Philosophy Core (3)\***  SEMESTER HRS: 16 hrs. | | **CHEM2312 Organic Chemistry II (3)**  **CHEM2112 Organic Chemistry II lab (1)**  **MATH2313 Calculus II (3)**  **RELS or PHIL Core (3)\***  **Second Language Core (3)\***  **PEHP PE activity course (1)\***  SEMESTER HRS: 14 hrs. | |
| **JR** | **PHYS2305 Physics I (3)**  **PHYS2105 Physics I lab (1)**  **CHEM3421/L Quant. Analysis & lab (4)**  **Elective (upper division) (3)**  **Elective (upper division) (3)**  SEMESTER HRS: 14 hrs. | | **History Core (3)\***  **PHYS2306 Physics II (3)**  **PHYS2106 Physics II lab (1)**  **CHEM3441/L Inorganic Chemistry and lab (4)**  **Chemical Research (2)**  **Fine Arts Core (3)\***  SEMESTER HRS: 16 hrs.  SEMESTER HRS: hrs. | |
| **SR** | **CHEM4431/L Physical Chem. I & lab (4)**  **CHEM4351 Biochemistry I (3)**  **CHEM4151 Biochemistry I lab (1)**  **Elective (upper division) (3)**  **Social/Behavioral Science Core (3)\***  SEMESTER HRS: 14 hrs. | | **CHEM4422/L Instrument Analysis & lab (4)**  **Upper Division CHEM course (3)**  **CHEM4432/L Physical Chem. II & lab (4)**  **Elective (upper division) (3)**  **Elective (upper division) (3)**  SEMESTER HRS: 17 hrs. | |
| **ADVANCED min. 36 hrs.** | | **TOTAL MAJOR: min. 45 hrs.** | | **TOTAL DEGREE: min. 120 hrs.** |

CORE OPTIONS

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| **FINE ARTS**  Any three-hour Performance or History course in Visual Art, Dance, Music, or Theatre (Computer Graphic Arts courses will not satisfy this requirement) | **HISTORY**  HIST 1311, 1312, 1321, 1322, or 3310H (Honors students only)  **MATH**  In Major | **PHILOSOPHY**  First course, PHIL 1381 or 1381H (Honors students only)  Second course, any three-hour PHIL course (only if not opting for RELS as second course) |
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| **RELIGIOUS STUDIES**  Choose from RELS 1327H (Honors students only), 1310, 1340, 1345, 1355, 1360, 1370, 1375, 1399, 2320, 2329, 2330, 2335, 2345, 2350, 3300 | **NATURAL SCIENCE**  In Major | **SOCIAL SCIENCE**   * ANTH 1311 * CLST 2315 * ECON 2301 * GOVT 1315, 1316 or 4310H (Honors students only) * PSYC 1301 * SOCI 1311 or 4310H (Honors students only) |

\*Core courses are interchangeable and can be taken in any order. Discuss substitutions, changes, or customizing your plan to include pre-recs or a minor with your adviser.