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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)
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\*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.