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|  | **B.A. Program in Chemistry** |
|  | **FALL** | **WINTER** | **SPRING** |
| First Year | CHEM 1101 Gen Chem I (5)1MATH 1304 Calculus I (4)GE  | CHEM 1102 Gen Chem II (5)MATH 1305 Calculus II (4)GE  | CHEM 1103 Gen Chem III (5)2CS 1020 Intro Computers (4), *or* CS 1080 Intro Media Comput (4), *or* CS 1160 Intro CS (4)GE  |
| Second Year | CHEM 3301 Org Chem I (5)1PHYS 2701 Intro Physics I (4)CHEM 2200 Quant Analysis (5)2GE | CHEM 3302 Org Chem II (5)PHYS 2702 Intro Physics II (4)GE | CHEM 3303 Org Chem III (5)2PHYS 2703 Intro Physics III (4)GE |
| Third Year | CHEM 3400 Intro Biochem (4)CHEM 3501 Biophys Chem (4), *or* CHEM 3511 Physical Chem (3)MEGE | MEGE | CHEM 3200 Bioanalyt Forensic Instrumentation (4)MEGE |
| Fourth Year | MEGE | MEGE | CHEM 4700 Survey Chem Lit (2)MEGE |

Lower Division: 44 units; Upper Division: 39-40 units.

1Sequence may be taken W, Sp, Su.

2Offered during summer quarter.

GE: General Elective

ME: Major Elective

**Major Electives (3-4 courses, 11 units):** CHEM 4161 (3), CHEM 4162 (3), CHEM 4180 (2), CHEM 4240 (4), CHEM 4311 (4), CHEM 4601 (4), CHEM 4602 (4), CHEM 4810 (2), CHEM 4900 (1-4). No more than two units total of CHEM 4810 + CHEM 4900 may be applied towards the degree.