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

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.