CHEMISTRY MAJOR
Concentration I: American Chemical Society Accredited Chemistry Program
Typical Schedule *(TENTATIVE - Expect changes, consult with your advisor)*

First Year Fall (14-17 cr)	**First Year Spring (15-16 cr)**
CHEM 131[ap, pph] (General Chemistry I) [3] CHEM 135L[pph] (Special Gen Chem Lab I) [1] MATH 235 [pph] (Calculus I) [4] GenEd Cluster 1 [3] WRTC 103 &/or other GenEd [3-6] [ap]If AP CChem = 3-5, CHEM 131/132 [6]	CHEM 132[ap, pph] (General Chemistry II) [3] CHEM 136L[pph] (Special Gen Chem Lab II) [2] MATH 236 (Calculus II) [4] GenEd Cluster 1 [3] GenEd[pph] [3-4] [ap]If CHEM 131/132 is complete, consider CHEM 270 [3] [pph]BIO 140 (Foundations of Biology I) [4]
Second Year Fall (15-17 cr)	**Second Year Spring (15-17 cr)**
CHEM 241[pph] (Organic Chemistry I) [3] CHEM 287L[pph] (Inorganic/Organic Lab I) [2] PHYS 240[pph] (University Physics I) [3] PHYS 240L[pph] (University Physics Lab I) [1] GenEd &/or electives[e, pph] [6-8] [e] Suggestions: [e] Research &/or BIO 150[pph] (FndtnsII) All ACS programs require 400 lab hours; 345 met by Core and ACS Chemistry courses. Remainder can be met by research or other lab course(s).	CHEM 242[pph] (Organic Chemistry II) [3] CHEM 270 (Inorganic Chemistry I) [3] CHEM 288L (Inorganic/Organic lab II) [2] PHYS 250[pph] (University Physics II) [3] PHYS 250L[pph] (University Physics Lab II) [1] GenEd &/or electives[e, pph] [3-5] [e] Suggestions: Research;
Third Year Fall (15-17 cr)	**Third Year Spring (15-17 cr)**
CHEM 351 (Analytical Chemistry) [4] CHEM 361[pph] (Biochemistry I) [3] CHEM 481 (Literature & Seminar I) [1] MATH 237 (Calculus III) [4] GenEd &/or electives[e] [3-5] [e]Suggestions: Research [1-2]	CHEM 331 (Physical Chemistry I) [3] CHEM 352 (Instrumental Analysis) [3] CHEM 352L (Instrumental Analysis Lab) [2] CHEM 482 (Literature & Seminar II) [1] MATH 238 (Linear Algebra w/ Diff Eq) [4] GenEd &/or electives[e] [2-4] [e]Suggestions: Research [1-2]
Fourth Year Fall	**Fourth Year Spring**
CHEM 432 (Physical Chemistry II) [3] CHEM 438L (Physical Chemistry II Lab) [2] CHEM 470 (Inorganic Chemistry II) [3] GenEd &/or electives[e] [7-9] [e]*Suggestions*: Research, MATH 220[pph], more BIO[pph]	GenEd &/or electives[e] [15-17] [e]*Suggestions*: Research, more BIO[pph]

[e] **Chemistry elective courses include**: Research (CHEM 390,497,499), Instr Exper (CHEM 315), Chem Hazards (CHEM 325-F,odd), Environmental Chem (CHEM 353-Sp,odd), Environmental Field Camp (CHEM 354-Su), GeoChem (CHEM 355 -F), BioChem II (CHEM 362, 366L -Sp), Materials (CHEM 375 -F), Intermediate Organic (CHEM 440-F,even), Polymers (CHEM 445,455L-F,odd), Nuclear (CHEM 450,450L-Sp,even), Lasers (CHEM 455-F even), etc. [See Undergrad Catalog]

[pph]**Most pre-Professional health programs (pre-med, pre-pharm, etc) require**: BIO 140,150, CHEM 131,132,135L (or 131L),136L (or 132L), 241, 242, 242L or 287L, MATH 220, 235, PHYS 240, 240L, 250, 250L.
PPH recommendations: CHEM 361 and additional Bio courses. **Pre-med GenEd recommendations:** PHIL 120 (C1CT), SOCI 110 (C4GE), PSYC 101 (C5SD). **Pre-Pharm GenEd recommendations:** PHIL 150 (C1CT), SCOM 122 (C1HC), ECON (C4GE), PSYC 101 or 160 (C5SD). [See Undergrad Catalog]