

CHEMISTRY MAJOR

Concentration VI: Chemistry Business Program

A similar, but different option is Conc V: Chemistry General Program, with a General Business Minor

Typical Schedule (TENTATIVE - Expect changes, consult with your advisor)

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| <p>First Year Fall [14-17 cr]</p> <p>CHEM 131^{ap pph} (General Chemistry I) [3] CHEM 135L^{pph} (Special Gen Chem Lab I) [1] MATH 231^{pph} (Calculus with Functions I) [3] GenEd Cluster 1 [3] WRTC 103 &/or other GenEd [3-6]</p> <p>^{ap}If AP Chem = 3-5, CHEM 131/132 [6]</p> | <p>First Year Spring [14-17 cr]</p> <p>CHEM 132^{ap,pph} (General Chemistry II) [3] CHEM 136L^{pph} (Special Gen Chem Lab II) [2] MATH 232 (Calculus with Functions II) [3] GenEd Cluster 1 [3] GenEd^{pph} [3-6]</p> <p>^{ap}If CHEM 131/132 is complete, consider CHEM 270 [3] BIO 140^{pph} (Foundations I) [4]</p> |
| <p>Second Year Fall [16 cr]</p> <p>CHEM 241^{pph} (Organic Chemistry I) [3] CHEM 287L^{pph} (Inorganic/Organic Lab I) [2] PHYS 240^{pph} (University Physics I) [3] PHYS 140L^{pph} (University Physics Lab I) [1] ECON 200 (Intro to Macroecon, C4GE) [3] MATH 236 (Calculus II) [4]</p> | <p>Second Year Spring [15-17 cr]</p> <p>CHEM 242^{pph} (Organic Chemistry II) [3] CHEM 270 (Inorganic) [3] CHEM 288L (Inorganic/Organic Lab II) [2] PHYS 250^{pph} (University Physics I) [3] PHYS 250L^{pph} (University Physics Lab I) [1] ECON 201 (Intro to Microeconomics) [3] GenEd &/or elective^{pph,e} [0-2]</p> |
| <p>Third Year Fall [15-18 cr]</p> <p>CHEM 351 (Analytical Chemistry) [4] CHEM 361 (Biochemistry I) [3] CHEM 481 (Literature & Seminar I) [1] CIS 204 (Computer Information Systems) [3] MATH 220^{pph} (Elementary Statistics) [3] GenEd &/or electives^{e,pph} [1-4]</p> <p>^eSuggestions: Research [1-2], BIO 150^{pph} (Fndtns II)</p> | <p>Third Year Spring [15-17 cr]</p> <p>CHEM 331 (Physical Chemistry I) [3] CHEM 336L (Applied Physical Chemistry Lab) [2] CHEM 482 (Literature & Seminar II) [1] ACTG 244 (Accounting, Non-Business Majors) [3] GenEd &/or electives^e [6-8]</p> <p>^eSuggestions: Research [1-2]</p> |
| <p>Fourth Year Fall [15-16 cr]</p> <p>MGT 305 (Management & Org. Behavior) [3] MKT 380 (Principles of Marketing) [3] Required Upper Div Chem, Sci, Bus elective^{up}[3] GenEd &/or electives^e [6-8]</p> <p>^{up}CHEM 390 counts if 3 credits are earned with same faculty mentor AND a paper/presentation is prepared ^eSuggestions: Research, more BIO^{pph}</p> | <p>Fourth Year Spring [15-17 cr]</p> <p>FIN 345 (Finance Fundamentals, Non-Bus Maj) [3] Required Upper Div Chem, Sci, Bus elective^{up} [2-4] GenEd &/or electives^e [10-12]</p> <p>^eSuggestions: Research, more BIO^{pph}</p> |

^e **Elective courses include:** Legal Environment of Business (COB 218), Research (CHEM 390, 497, 499), Instructional Experiences (CHEM 315), Chemical Hazards (CHEM 325-F,even), 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), PChem II (CHEM 432 –F), Intermediate Organic (CHEM 440-F,even), Polymers CHEM (445,445L-F,odd), Nuclear (CHEM 450, 450L-Sp,even), Lasers (CHEM 455-V), Inorganic II (CHEM 470 –F), etc. [See Undergrad Catalog]

^{pph}**Most pre-Professional health (pre-med, pre-pharm, etc) programs 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]