

Chemistry Major Program

Science A Chemistry	36 credits with these required course: 6 credits introductory CHEM 101/101 ☐ or CHEM 121/122 ☐ 3 credits analytical CHEM 265 ☐ 3 credits inorganic CHEM 245 ☐ 6 credits organic CHEM 221/222 ☐ 3 credits physical CHEM 231 ☐ 3 credits structural CHEM 325 ☐ 6 credits from the list of 3 credit CHEM courses below ☐ 255-Biochemistry, 321 Intermediate Organic, 322-Heterocyclic, 331-Quantum (<i>note that this requires 232 be taken also</i>), 332-Statistical Thermo, 341-Inorganic & Theoretical I, 342-Inorganic & Theoretical II, 355-Advanced Biochemistry, 361-Analytical Spectroscopy, 362-Separations & Analysis, 421-Physical Organic, 422-Advanced Organic 6 credits in Chemistry or another Science _____ ☐ Students must also complete the junior and senior seminars CHEM 391 ☐ and CHEM 491 ☐ - non-credit courses
Science B	12 credits: a Science other than Science A or Science C _____ ☐ _____ ☐
Science C	6 credits: a Science other than Science A or Science B _____ ☐ <i>(NOTE: Science B or C must be Mathematics and include MATH 106/107 or 121/122 or 126/127 (calculus I/II))</i>
Arts X	12 credits: a second Humanities or Social Science discipline _____ ☐ _____ ☐
Arts Y	6 credits: a third Humanities or Social Science discipline _____ ☐
Approved electives	18 credits: from Science, MATH, CSCI, STAT courses and PHIL 210 _____ ☐ _____ ☐ _____ ☐ _____ ☐
Open elective	30 credits: any Arts or Science courses _____ ☐ _____ ☐ _____ ☐ _____ ☐ _____ ☐ _____ ☐

Requirements:

Physics 121/122 must be taken as an approved or open elective.