

BACHELOR OF SCIENCE IN CHEMISTRY
with Astrophysics Minor

The following is a course of study that will lead to a BS in Chemistry, with a Minor in Astrophysics. Please note that this only a general outline: your actual 4 year plan will most likely vary.

Fall – Year 1 (16 credits) CHEM 1137 MATH 1131 (Calc 1) ENGL 1010/1011 (Writing requirement) BIOL 1107/1108/1110	Spring – Year 1 (15 credits) CHEM 1138 MATH 1132 (Calc 2) PHYS 1601 Gen Ed Content Area I-A
Fall – Year 2 (17 credits) CHEM 2443 (Organic I) MATH 2110 (Multivariable) [Related Elective 1] PHYS 1602 PHYS 2701 (Astrophys I) [Related Elective 2] Gen Ed Content Area I-B	Spring – Year 2 (17 credits) CHEM 2444 (Organic II) CHEM 2445 (Organic Lab) MATH 2410 (Elem Diff Eq) [Related Elective 3] PHYS 2702 (Astrophys II) [Related Elective 4] Gen Ed Content Area I-C
Fall – Year 3 (17 credits) CHEM 3563 (P Chem I) MCB 2000 (Bio Chem) PHYS 4710* (Stars) [Astro Elective 1] Gen Ed Content Area I-D Gen Ed Content Area II	Spring – Year 3 (16 credits) CHEM 3564 (P Chem II) CHEM 3565W (P Chem Lab) CHEM 3332 (Quanti Chem) PHYS 4720* (Galaxies) [Astro Elective 2] Gen Ed Content Area II
Fall – Year 4 (15 credits) CHEM 3334 (Instrument Analysis I) CHEM 3210 (Descrip Inorganic) Gen Ed Content Area IV (if needed) / Elective PHYS 4730* (Cosmology) [Astro Elective 3] Elective (perhaps second “W” Course)	Spring – Year 4 (15 credits) CHEM 3214 (Inorganic Lecture) CHEM 3215 (Inorganic Lab) Gen Ed Content Area IV (if needed) / Elective Elective Elective

NOTES:

- 120 total credits are required for a degree.
- ***Restricted elective selected from PHYS 4710, 4720, 4730, 4130, 4150, 4096W.**
- An appropriate number of Gen Ed courses are listed, though the order they appear is arbitrary and specific choices are not made, with the exception of AREA III – Science and Technology.
- In addition to those listed, students must take one other W course and satisfy the foreign language requirement. For a synopsis of Gen Ed requirements for CLAS, students should see the catalog for the year in which their major is declared, or the webpage of the academic services center <http://clasadvising.uconn.edu/general-education-requirements/>
- For more details please see the university catalog, the chemistry plan of study, and contact your advisor.