Undergraduate Bachelor Degrees’ Curricula
The student chooses either the B.A. or the B.S. curriculum and selects from a variety of courses within each option. Both curricula provide the opportunity for the pursuit of course work in other academic areas, the B.A. more so than the B.S. It is expected that, by the end of the second year, the student, in consultation with a faculty advisor, will select the curriculum more suitable for his/her goals. Students planning to do graduate work in chemistry should select the B.S. degree.

A B.S. graduate, whose program includes: (a) Instrumental Analysis (CHEM 513); (b) Advanced Inorganic Chemistry (CHEM 546); and (c) Biochemistry for Chemists (CHEM 423, previously 490A), or BIOCHEM 523 will be certified by the American Chemical Society (ACS).

A minimum grade of C- in prerequisite courses or permission of the instructor, is required for enrollment in all chemistry courses.

Chemistry Department Advisors will provide information and guidance only on Chemistry major degree requirements. College and University requirements should be checked with the CNS (College of Natural Sciences) Academic Advising Office in Morrill II South, Room 220.

For more information, including research opportunities in Chemistry see the Chemistry website at: http://www.chem.umass.edu/Undergraduate/currentStudents.html

Departmental Honors
Chemistry majors (both B.S. and B.A.) enrolled in Commonwealth Honors College should choose Departmental Honors in Chemistry (HN-CCDEPT). Four honors courses in chemistry, one at the 200 level or above, one at the 300 level or above, and the capstone courses (499Y/T or 499Y/P) are required for Departmental Honors. These four courses are part of the eight needed for Commonwealth Honors College graduation, not additional courses. Students should see the Chemistry Department Honors Coordinator Prof. Justin Fermann, ISB 341B, 5-2054, fermann@chem.umass.edu further information and advice.

The Minor
The chemistry minor requires a minimum of 15 credits of passed chemistry (CHEM) courses number 200 or higher, exclusive of 291A Sophomore Seminar, 388 Independent Research Project, 391A Junior Year Writing in Chemistry, 396 Independent Study, 496 Independent Research, and 499 Honors Thesis.

Students petitioning for certification of completion of the minor requirements should present a transcript or grade report to the Chemistry Department Chief Undergraduate Advisor. This must be done during the semester in which the student expects to graduate. The appropriate form is available from several offices on campus, including the Undergraduate Registrar’s Office, 213 Whitmore and the Chemistry Undergraduate Office, 341 Integrated Sciences Building.

Science Major/Chemistry concentration
Chemistry may be elected as the area of primary concentration in the science major, an interdepartmental program administered by the College of Arts and Sciences Deans and Records Office. The Chemistry Department Chief Undergraduate Advisor must approve the program of a student who wishes to major in Science/Chemistry. This major is acceptable for secondary school teaching.

Curriculum adopted Spring 2011
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