

ACS Certification Requirements Effective Fall 2009

A student in any chemistry concentration may attain certification by the American Chemical Society as determined by the Chemistry faculty. The Chemistry Department defines specific areas of certification including pure chemistry, biochemistry, environmental chemistry, forensic chemistry, and health sciences chemistry. The requirements for certification in these areas are outside the curricular requirements of the three major concentrations.

To attain ACS-certification within one of the following concentrations, a student must complete the following minimum requirements:

1. The student must take MATH 1920.
2. The student must take CHEM 2010, 3510, 4520, 4610, and 4991. CHEM 3510 and 4520 may be substituted for 3500 and 3420, respectively, in curricula where the lower courses are required.
3. The student must take a minimum of three advanced courses chosen from:
CHEM 3520, 4110, 4150, 4210, 4310, 4320, 4410, 4620, 4650, 4710, 4720, BIOL 4160, CEE 3410, GEOL 4711.
4. The advanced courses above must include a minimum of three credit hours of laboratory including either CHEM 4150 or 4650.
5. Requirements for specific areas of certification can be obtained from the Chemistry Advisor.

