

## B.S. and ACS Approved Degrees in Chemistry

### Requirements for the Chemistry B.S. degree program

General Chemistry	CHM 1045 & 1045L; 1046 & 1046L <b>or</b> CHM 1050, 1050L; 1051, 1051L
Analytical Chemistry	CHM 3120 & 3120L; 4130 & 4130L
Inorganic Chemistry	CHM 4610, 4610L
Organic Chemistry	CHM 2210; 2211, 2211L
Physical Chemistry	CHM 4410, 4410L; 4411, 4411L
General Physics (calculus based)	PHY 2048C; 2049C
Calculus I, II, and III	MAC 2311; 2312; 2313

No required course with a grade below C- can be applied toward any of the degree programs in the Chemistry Department.

**Minor:** The required calculus courses constitute a minor in Mathematics, and no other minor is necessary.

### ACS Approved Program

The above courses constitute the Chemistry core of the B.S. degree program. To meet the American Chemical Society (ACS) approved program, two additional Chemistry courses are required from the electives listed below. Electives to satisfy the ACS approved degree are listed below. Graduate courses may be substituted if appropriate. Courses with a C or L suffix are laboratory courses. CHM 4905 and CHM 4906 must include a final written report to be counted toward the ACS approved degree.

BCH 4053	General Biochemistry I
BCH 4053L	General Biochemistry I Laboratory
BCH 4054	General Biochemistry II
CHS 4100C	Techniques in Radiochemistry
CHM 4905	Directed Individual Study
CHM 4906	Honors Work
BCH 5xxx; CHM 5xxx	Certain graduate courses may be taken as electives in

	the undergraduate program; see an advisor for details.
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A one hour course in Scientific Glassblowing (CHM 4090L) is also offered; however, it will not count toward the ACS degree. Seating for this course is limited.