

NEW for Class of 2015 Chemistry Major Requirements

Major in Chemistry

Either CHE 135 or both CHE 131 and 132;
CHE 241, 250;
MAT 170, or both MAT 140 and 141, and
MAT 171;
PHY 210;
PHY 230, or both PHY 120 and MAT 230;
CHE 332, CHE 362, BMB 310;
Two of the following courses: CHE 242,
CHE 350, or CHE 361;
One additional 300-level CHE course, or
CHE 242 if not used to satisfy the previous
requirement;
CHE 500 (a new 2-credit course)

ACS Certified Major in Chemistry

Either CHE 135 or both CHE 131 and 132;
CHE 241, 250;
MAT 170, or both MAT 140 and 141, and
MAT 171;
PHY 210; PHY 230, or both PHY 120 and
MAT 230;
CHE 242, CHE 332, CHE 350, CHE 361, CHE
362, BMB 310, and one additional 300-level
CHE course;
CHE 405 or an additional 300-level CHE
course with a significant lab component; CHE
500

Recommended First-Year/Sophomore Preparation

Students contemplating a major in chemistry should typically complete their general chemistry course(s), either CHE 135 or both CHE 131 and 132, during the first year. CHE 241 should typically be completed in the sophomore year. The calculus sequence, either MAT 170 or both MAT 140 and 141, and MAT 171 should also be completed by the end of the sophomore year. PHY 210 and either MAT 230 or PHY 230 should be completed by the end of the sophomore year. CHE 250 should be taken in the CentreTerm of either the sophomore or junior year. Completion of one of CHE 242 or BMB 210 is a prerequisite for BMB 310.

ACS Certified Major in Chemistry with Biochemistry emphasis

Either CHE 135 or both CHE 131 and 132;
CHE 241 and CHE 250;
MAT 170, or MAT 140 and 141, and
MAT 171;
PHY 210
PHY 230, or PHY 120 and MAT 230
CHE 242, CHE 361, CHE 362, BMB 310, BMB 320, BMB
316
Two of the following: CHE 332, CHE 350, or any other
300-level CHE course
CHE 405 or an additional 300-level CHE course with a
significant lab component
CHE 500

Requirements for the Chemistry Minor

Either CHE 135 or both CHE 131 and 132; CHE 241, 250; PHY
110 or 210
One CHE course numbered 300 or higher, or BMB 310. Two
additional CHE course numbered 200 or higher.