

# CHEMISTRY 'BASIC' MAJOR CHECKLIST

All **'basic'** majors must complete the following required courses (additional course work is required for the ACS major and for the Biochemistry concentration). Also, **writing proficiency** must be completed by the **end of the junior year** through CHE 265L, 266L, 342, 346, 356 373 or 395Y:

<u>Course</u>	<u>Date Completed</u>
CHE 111. Principles of Chemistry (co-req. CHE112)	
CHE 112. Principles of Chemistry I: Laboratory ( <b>OR</b> CHE 112H by invitation)	
CHE 151. Principles of Chemistry II: Lecture (Prereq. CHE 111/112; co-req. CHE 152)	
CHE 152. Principles of Chemistry II: Laboratory ( <b>OR</b> 152H Laboratory by invitation)	
MA 170. Calculus I	
MA 180. Calculus II (completed before Che 265 or 266)	
CHE 230. Organic Chemistry I (Prereq. CHE 151 and 152 (or 152H))	
CHE 235. Organic Chemistry II (Prereq CHE 230)	
PHY 115 Principles of Physics I or 125 General Physics	
PHY 116. Principals of Physics II <b>OR</b> PHY 126. General Physics II	
CHE 265. Physical Chemistry Fundamentals I (Prereq. MA 180 and PHY 116 or 126) <b>OR</b> CHE 266. Physical Chemistry Fundamentals II (Prereq. CHE 151 /152 (or 152H), PHY 115 (or 125), and MA 180.)	
CHE 265L. Physical Chemistry Fundamentals I Lab. <b>OR</b> CHE 266L. Physical Chemistry Fundamentals II Lab.	
CHE 355. Modern Methods of Chemical Analysis (Prereq CHE 230)	

13 Additional chemistry credits from CHE 265L, 341, 380, 266, 342, 391H, 266L, 356, 392H, 270, 372, 393H, 373 or 330. At least two credits must come from CHE 342, 356, or 373:

<u>Course</u>	<u>Date Completed</u>