

Department of Chemistry
Requirement for Major Certification by the American Chemical Society

1) Students must complete a major in Chemistry, Chemistry-Biochemistry, Chemistry-CMBB, or Chemistry-Environmental Science

	Lecture	Lab
CH241		
CH331		
CH341		
BC367 or 362		
CH411		
Total (section 2)		

Approved By:

Approved Date:

3) Required In-Depth Courses (three curricular tracks)

<i>Chemistry</i>	Lecture	Lab	<i>Biochemistry</i>	Lecture	Lab	<i>Environmental</i>	Lecture	Lab
CH242			CH242			CH242		
CH342			BC368			CH342		
			BI2XX/3XX			CH217		

4) Additional In-Depth Courses. **Select a total of 4 courses from sections 3 and 4.**

CH332			CH332			CH332		
CH431			CH342			CH431		
CH432			CH431			CH432		
CH434			CH432			CH434		
BC368			CH434			BC368		
(BC497)			(BC497)			(BC497)		
Total (section 3 +4)								

5) Additional Laboratory Experience. **Select additional lab courses for a total of 8 semesters of lab past General Chemistry.** The total lab experience must be distributed between four of the five areas of chemistry: analytical, biochemistry, organic, inorganic, and physical. Notice that research may count toward lab experience, but the area requirement still applies.

	Lab		Lab		Lab
CH255		CH255		CH255	
CH413		CH413		CH413	
CH483		CH483		CH481	
CH484		CH484		CH482	
Internship		Internship		Internship	
Total (section 5)					
Grand Totals					
Need -->	9	8	9	8	9