# 4-YEAR CURRICULAR MAP

## Bachelor of Science in Chemistry - Biochemistry

**FALL**  
**YEAR 1**  
‡UK Core CC1  
UK Core QFO (MA113: Calculus I AND MA 193: Supp. Workshop I OR MA 137: Calculus I for Life Sciences)  
UK Core NPM (CHE 105: General Chemistry I)  
UK Core ACR  

**SPRING**  
A&S NS (CHE 107: General Chemistry II)  
A&S Lab (CHE 113: General Chemistry II Lab)  
MA 114: Calculus II AND MA 194: Supp. Workshop II  
MA 138: Calculus II for Life Sciences  
BIO 148: Introductory Biology I  

**Total Credits: 15-16**

‡‡Incoming students are strongly encouraged to take WRD 112 to fulfill the CC1 and CC2 requirements if they have any of the following: an ACT English score of 32 or Higher, an SAT Verbal score of 720 or Higher, or an AP English Composition score of 4 or 5. If the student has been accepted into the University Honors Program, the student is required to take WRD 112 to fulfill CC1 and CC2.

††Students who have taken at least 2 years of a language in high school can complete the A&S Foreign Language Requirement with 3 college semesters of a different language. Students choosing this option should replace the 4th semester of language with electives. Also note that if you take a foreign language placement exam, you may be exempt from 1 or more of the beginning semesters of that language. In this case, replace the by-passed language courses with electives. Any language sequence may be used to satisfy the foreign language requirements.

◊6 hours of 'free' electives - that do not count toward any other requirement - must be taken. Additional electives may be required to reach the required minimum of 120 hours.

• **Race and Ethnicity Requirement:** The College requires its students to complete an approved race and ethnicity (R&E) course that will adddress the changing meanings of race and ethnicity across time and space. Students may double-dip courses to satisfy the R&E requirement with any other requirement.

### UK Core Abbreviations

- **HUM** = Intellectual Inquiry in the Humanities  
- **NPM** = Intellectual Inquiry in the Natural/Physical/Mathematical Science  
- **SSC** = Intellectual Inquiry in Social Sciences  
- **ACR** = Intellectual Inquiry in Arts & Creativity  
- **GCC** = Graduation Composition and Communication Requirement  
- **CC1** = Composition and Communication I  
- **CC2** = Composition and Communication II  
- **QFO** = Quantitative Foundations  
- **SIR** = Statistical Inferential Reasoning  
- **CCC** = Community, Culture and Citizenship in U.S.  
- **GDY** = Global Dynamics

### College of Arts & Sciences Abbreviations

- **SS** = Social Sciences  
- **NS** = Natural Sciences  
- **Lab** = College Laboratory or Field Experience  
- **HUM** = Humanities

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Updated 6/25/2021