

4-YEAR CURRICULAR MAP

Bachelor of Arts in Chemistry

FALL		YEAR 1		SPRING	
‡UK Core CC1	3	UK Core CC2			3
UK Core QFO (MA113: Calculus I <u>AND</u> MA 193: Supp. Workshop I <u>OR</u> MA 137: Calculus I for Life Sciences)	4-5	UK Core HUM			
UK Core NPM (CHE 105: General Chemistry I)	4	A&S NS (CHE 107: General Chemistry II)			3
UK Core NPM (CHE 111: General Chemistry I Lab)	1	A&S Lab (CHE 113: General Chemistry II Lab)			2
UK Core ACR	3	MA 114: Calculus II <u>AND</u> MA 194: Supp. Workshop II			
UK 101 (optional)	1	<u>OR</u> MA 138: Calculus II for Life Sciences			4-5
Total Credits: 16-17			Total Credits: 15-16		
FALL		YEAR 2		SPRING	
UK Core SIR (STA 210: Intro. to Statistical Reasoning)	3	UK Core CCC			3
UK Core SSC	3	CHE 226: Analytical Chemistry			3
CHE 230: Organic Chemistry I	3	CHE 232: Organic Chemistry II			3
CHE 231: Organic Chemistry Lab I	1	CHE 233: Organic Chemistry II Lab			1
PHY 211: General Physics I	5	PHY 213: General Physics II			5
Total Credits: 15			Total Credits: 15		
FALL		YEAR 3		SPRING	
‡Foreign language 101	4	‡Foreign language 102			4
A&S HUM	3	A&S SS			3
CHE 440G: Introductory Physical Chemistry	3	CHE 441: Physical Chemistry Lab			2
*CHE Major field option	3	*CHE Major field option			3
WRD 310: Writing in the Natural Sciences	3	*CHE Major field option			3
Total Credits: 16			Total Credits: 15		
FALL		YEAR 4		SPRING	
‡Foreign language 201	3	A&S SS			3
UK Core GDY	3	*CHE Major field option			3
A&S HUM	3	*CHE Major field option			3
*CHE Major field option	3	◊Elective			3
*CHE Major field option	3	◊300+ Elective			3
Total Credits: 15			Total Credits: 15		

‡ 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, instead of CC1 and CC2.

* To be discussed with your academic advisor. Consider pursuing a 2nd major or minor.

‡ 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 - French, German, Greek, or Latin is recommended.

◊ 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 address 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		CC1= Composition and Communication I
HUM =Intellectual Inquiry in the Humanities		CC2= Composition and Communication II
NPM=Intellectual Inquiry in the Natural/Physical/Mathematical Sciences		QFO= Quantitative Foundations
SSC=Intellectual Inquiry in Social Sciences		SIR= Statistical Inferential Reasoning
ACR=Intellectual Inquiry in Arts & Creativity		CCC= Community, Culture and Citizenship in U.S.A.
GCCR = Graduation Composition and Communication Requirement		GDY= Global Dynamics
College of Arts & Sciences Abbreviations	SS: Social Sciences	NS: Natural Sciences
		HUM: Humanities