

## 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	3
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	1	<u>OR</u> MA 138: Calculus II for Life Sciences	4-5
<b>Total Credits: 16-17</b>		<b>Total Credits: 15-16</b>	
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
<b>Total Credits: 15</b>		<b>Total Credits: 15</b>	
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	4	CHE 441: Physical Chemistry Lab	2
*CHE Major field option	3	*CHE Major field option	3
		*CHE Major field option	3
		CHE 372: Communication in Chemistry (GCCR)	1
<b>Total Credits: 14</b>		<b>Total Credits: 16</b>	
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	CHE 472: Communication in Chemistry (GCCR)	1
*CHE Major field option	3	◊Elective	3
		◊300+ Elective	3
<b>Total Credits: 15</b>		<b>Total Credits: 16</b>	

‡ 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.

\* To be discussed with your academic advisor. Consider pursuing a 2<sup>nd</sup> 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 4<sup>th</sup> 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.

### 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

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

GCCR = Graduation Composition and Communication

### College of Arts & Sciences Abbreviations

SS: Social Sciences

NS: Natural Sciences

Lab: College Laboratory or Field Experience

HUM: Humanities