

5-YEAR CURRICULAR MAP

Bachelor of Science in Chemistry – Traditional

Bachelor of Arts in Hispanic Studies



FALL	YEAR 1		SPRING
‡UK Core CC1	3	UK Core CC2	3
Foreign language 101	4	Foreign language 102	4
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	A&S NS (CHE 107: General Chemistry II)	3
UK Core NPM (CHE 105: General Chemistry I)	4	A&S Lab (CHE 113: General Chemistry II Lab)	2
UK Core NPM (CHE 111: General Chemistry I Lab)	1	MA 114: Calculus II <u>AND</u> MA 194: Supp. Workshop II <u>OR</u> MA 138: Calculus II for Life Sciences	4-5
UK 101	1		
	Total Credits: 17-18		Total Credits: 16-17
FALL	YEAR 2		SPRING
Foreign language 201	3	Foreign language 202	3
MA 213: Calculus III	4	MA 322: Matrix Algebra	3
CHE 226: Analytical Chemistry	3	CHE 231: Organic Chemistry Lab I	1
CHE 230: Organic Chemistry I	3	CHE 232: Organic Chemistry II	3
PHY 231: General Univ. Physics I	4	PHY 232: General Univ. Physics II	4
PHY 241: General Univ. Physics Lab I	1	PHY 242: General Univ. Physics II Lab II	1
	Total Credits: 18		Total Credits: 15
FALL	YEAR 3		SPRING
UK Core SIR (STA 210: Intro. to Statistical Reasoning)	3	SPA 310	3
SPA 210	3	UK Core GDY	3
SPA 211	3	CHE 410G: Inorganic Chemistry	2
CHE 532: Spectrometric Identification of Organic Compounds	2	CHE 441: Physical Chemistry Lab	2
CHE 547: Principles of Physical Chemistry I	3	CHE 442G: Thermodynamics and Kinetics	3
WRD 310: Writing in the Natural Sciences	3	CHE 533: Qualitative Organic Analysis Lab	2
	Total Credits: 17		Total Credits: 15
FALL	Year Abroad		SPRING
Language Course 1	3	Language Course 4	3
Language Course 2	3	Language Courses 5-8 Internship (SPA classes) [12 credits]	
Language Course 3	3		
A&S Social Science	3		
A&S Social Science	3		
	Total Credits: 15		Total Credits: 15
FALL	YEAR 5		SPRING
CHE 412: Inorganic Chemistry Lab	2	UK Core SSC	3
CHE 422: Instrumental Analysis	4	UK Core HUM Language Course 10 (SPA 371/372)	3
CHE 550: Biological Chemistry I	3	*CHE Major field option	3
*CHE Major field option	3	UK Core ACR	3
SPA 323 (GCCR) Language9	3	UK Core CCC	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 to fulfill CC1 and CC2.

◊ 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

GCCR = 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