

4-YEAR CURRICULAR MAP

Bachelor of Science in Biology



FALL	YEAR 1	SPRING
‡UK Core CC1 (WRD 110) OR Foreign language 201 UK Core QFO (MA 137:Calculus with Life Science Applications <u>or</u> MA113: Calculus I) UK Core NPM (CHE 105: General College Chemistry I) UK Core NPM (CHE 111: General Chemistry I Lab) BIO 148: Introductory Biology I BIO 155: Lab for Introductory Biology I or BIO 198: Scholars Biology Research Total Credits: 16-17	UK Core CC2 (WRD 111) OR Foreign language 202 MA 138: Calculus II with Life Science Applications <u>or</u> MA 114: Calculus II CHE 107: General College Chemistry II CHE 113: Lab to Accompany General Chemistry II BIO 152: Principles of Biology II Total Credits: 15-16	
FALL	YEAR 2	SPRING
BIO 303: Introduction to Evolution <u>OR</u> BIO 304: Principles of Genetics UK CORE SSC CHE 230: Organic Chemistry I CHE 231: Organic Chemistry Lab I ‡Foreign language 201 OR WRD 110 Total Credits: 14	BIO 303: Introduction to Evolution <u>OR</u> BIO 304: Principles of Genetics UK Core HUM CHE 232: Organic Chemistry II ‡Foreign language 202 OR WRD 111 ◇ Elective (CHE 233) Total Credits: 14-16	
FALL	YEAR 3	SPRING
PHY 211: General Physics I UK Core SIR (STA 296) Tier 2 BIO Course I (BIO 315) Tier 2 BIO Course II (BIO 325) Total Credits: 16	PHY 213: General Physics II Tier 2 BIO Course III (BIO 350 or 430G) *BIO Elective ◇ Elective Total Credits: 15	
FALL	YEAR 4	SPRING
*BIO Elective *BIO Elective A&S SS UK Core ACR UK Core CCC Total Credits: 14-15	*BIO Elective *BIO Elective BIO 425: Biology Seminar UK Core GDY A&S HUM Total Credits: 16-17	

- ‡ 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 HUM =Intellectual Inquiry in the Humanities NPM=Intellectual Inquiry in the Natural/Physical/Mathematical Sciences 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.A. GDY= Global Dynamics
College of Arts & Sciences Abbreviations	SS: Social Sciences NS: Natural Sciences HUM: Humanities