

4-YEAR CURRICULAR MAP

Bachelor of Arts in Biology – Topical Focus

Students who have multiple interests or interests that do not fall into the requirements for a minor offered at the University of Kentucky may select a 12 hour credit hour sequence of courses with a topical focus. Courses in several disciplines and in the various interdisciplinary programs may be combined to pursue the topical focus. **Students interested in pursuing this option MUST have the 12 credit hour sequence of courses APPROVED IN ADVANCE by the Director of Undergraduate Studies, Dept. of Biology. Students must submit an APPROVAL OF TOPICAL FOCUS FORM to the DUS.**

FALL		YEAR 1		SPRING	
‡UK Core CC1 (WRD 110) UK Core QFO (MA 123: Elementary Calculus and Its Applications <u>OR</u> MA 137: Calculus I with Life Science App <u>OR</u> MA 113: 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		UK Core CC2 (WRD 111) CHE 107: General College Chemistry II CHE 113: Lab to Accompany General Chemistry II BIO 152: Principles of Biology II ‡Foreign language 201		Total Credits: 14	
FALL		YEAR 2		SPRING	
BIO 303: Intro to Evolution <u>OR</u> BIO 304: Principles of Genetics CHE 236: Survey of Organic Chemistry <u>OR</u> CHE 230: Organic Chemistry I CHE 231: Organic Chemistry Lab I A&S SS ‡Foreign language 202 Total Credits: 14		BIO 303: Intro to Evolution <u>OR</u> BIO 304: Principles of Genetics UK Core HUM UK Core SSC (STA 296) UK Core SIR		Total Credits: 13	
FALL		YEAR 3		SPRING	
PHY 151: Intro to Physics <u>OR</u> PHY 211: General Physics I Topical Focus Course I Tier 2 BIO Course I BIO Elective Total Credits: 13-15		Tier 2 BIO Course II A&S SS A&S HUM Topical Focus Course II ◇ Elective(s)		Total Credits: 16	
FALL		YEAR 4		SPRING	
*BIO Electives Topical Focus Course III UK Core ACR UK Core CCC ◇ Elective(s) Total Credits: 15-17		*BIO Electives BIO 425: Biology Seminar Topical Focus Course IV A&S HUM GCCR Requirement UK Core GDY		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, 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