

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 Applications <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 <p style="text-align: right;">Total Credits: 16</p>	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 <p style="text-align: right;">Total Credits: 14</p>	
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 <p style="text-align: right;">Total Credits: 14</p>	BIO 303: Intro to Evolution <u>OR</u> BIO 304: Principles of Genetics UK Core HUM UK Core SSC (STA 296) UK Core SIR <p style="text-align: right;">Total Credits: 13</p>	
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 <p style="text-align: right;">Total Credits: 13-15</p>	Tier 2 BIO Course II A&S SS A&S HUM Topical Focus Course II ◇ Elective(s) <p style="text-align: right;">Total Credits: 16</p>	
Fall	YEAR 4	Spring
*BIO Electives Topical Focus Course III UK Core ACR UK Core CCC ◇ Elective(s) <p style="text-align: right;">Total Credits: 15-17</p>	*BIO Electives BIO 425: Biology Seminar Topical Focus Course IV A&S HUM/Graduation writing requirement-if BIO 350 not taken UK Core GDY <p style="text-align: right;">Total Credits: 16</p>	

‡ 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. Consider pursuing a 2nd major or minor.

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

College of Arts & Sciences Abbreviations

SS: Social Sciences NS: Natural Sciences Lab: College Laboratory or Field Experience HUM: Humanities