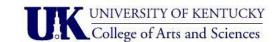
## **4-YEAR CURRICULAR MAP**

## **Bachelor of Science in Biology**



YEAR 1

**‡UK Core CC1 (WRD 110) OR Foreign language 201** UK Core QFO (MA 137:Calculus with Life Science

Applications or 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

BIO 303:Introduction to Evolution OR BIO 304: Principles of

Biology Research

**SPRING** 

UK Core CC2 (WRD 111) OR Foreign language 202 MA 138: Calculus II with Life Science Applications or

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

YEAR 2

**FALL SPRING** 

Genetics

**UK CORE SSC** 

**FALL** 

CHE 230: Organic Chemistry I

CHE 231: Organic Chemistry Lab I

Tier 2 BIO Course I (BIO 315)

**Total Credits: 14** ¤Foreign language 201 OR WRD 110

BIO 303: Introduction to Evolution OR 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** 

YEAR 3

**FALL SPRING** 

PHY 211: General Physics I PHY 213: General Physics II

UK Core SIR (STA 296) Tier 2 BIO Course III (BIO 350 or 430G)

**Total Credits: 16-17** 

\*BIO Elective

Tier 2 BIO Course II (BIO 325) **Total Credits: 16**  Flective **Total Credits: 15** 

YEAR 4

**FALL SPRING** 

\*BIO Elective \*BIO Elective \*BIO Elective \*BIO Elective

A&S SS **BIO 425: Biology Seminar** 

**UK Core ACR UK Core GDY UK Core CCC A&S HUM** 

> **Total Credits: 14-15 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 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 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 2<sup>nd</sup> major or minor.

**UK Core Abbreviations** 

**HUM** =Intellectual Inquiry in the Humanities

NPM=Intellectual Inquiry in the Natural/Physical/Mathematical

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