### Bachelor of Science in Biology

#### Fall Year 1
- **UK Core CC1 (WRD 110) or Foreign language 201**
- **UK Core QFO (MA 137: Calculus with Life Science Applications or 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: 16-17**

#### Spring Year 1
- **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**

#### Fall Year 2
- **BIO 303: Introduction to Evolution OR 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**

#### Spring Year 2
- **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**

#### Fall Year 3
- **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**

#### Spring Year 3
- **PHY 213: General Physics II**
- **Tier 2 BIO Course III (BIO 350 or 430G)**
- *BIO Elective
- ◇Elective

**Total Credits: 15**

#### Fall Year 4
- *BIO Elective
- *BIO Elective
- A&S SS
- UK Core ACR
- UK Core CCC

**Total Credits: 14-15**

#### Spring Year 4
- *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.

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**UK Core Abbreviations**
- 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.
- GCCR = Graduation Composition and Communication Requirement
- GDY = Global Dynamics

**College of Arts & Sciences Abbreviations**
- SS: Social Sciences
- NS: Natural Sciences
- HUM: Humanities

Updated 6/25/2021