

Student Name:

## **Checklist for BA in Biology with MINOR option (Effective Spring 2020)**

### **UKCore Requirements**

Inquiry Arts and Creativity Course (3 credits) \_\_\_\_\_

Inquiry Humanities Course (3 credits) \_\_\_\_\_

Inquiry Social Sciences Course (3 credits) \_\_\_\_\_

Inquiry NPMS – SATISFIED BY MAJOR

WRD 110 or CIS 110 (3 credits) \_\_\_\_\_

WRD 111 or CIS 111 (3 credits) \_\_\_\_\_

QF – SATISFIED BY MAJOR

SIR – SATISFIED BY MAJOR

Community, Culture, & Citizenship (3 credits) \_\_\_\_\_

Global Dynamics (3 credits) \_\_\_\_\_

### **College Requirements**

Two A&S Natural Sciences Courses – SATISFIED BY MAJOR

Two A&S Social Sciences Courses \_\_\_\_\_ (6)

Two A&S Humanities Courses \_\_\_\_\_ (6)

A&S Lab Course – SATISFIED BY MAJOR

Two A&S Electives \_\_\_\_\_ (6)

Foreign Language – Complete 202 course of one language OR 2 semesters of one language and three semesters of a different language

\_\_\_\_\_ OR

\_\_\_\_\_ \*\*\* \_\_\_\_\_

### **Pre-Major Requirements**

Biology Coursework (7-8 credit hours):

BIO 148: Introductory Biology I \_\_\_\_\_ (3)

BIO 152: Principles of Biology II \_\_\_\_\_ (3)

BIO 155: Introductory Biology Lab I **OR** BIO 198: Scholars Biology Research \_\_\_\_\_ (1-2)

Chemistry Coursework (10-14 credit hours)

CHE 105: General College Chemistry I \_\_\_\_\_ (4)

**OR** CHE 109: General Chemistry I **AND** CHE 110: General Chemistry II \_\_\_\_\_ and \_\_\_\_\_ (8)

CHE 107: General College Chemistry II \_\_\_\_\_ (3)

CHE 111: General Chemistry Lab I \_\_\_\_\_ (1)

CHE 113: General Chemistry Lab II \_\_\_\_\_ (2)

Mathematics Coursework (4 credit hours)

MA 113 **OR** MA 137: Calculus I **OR** MA 123: Elem Calculus and its Applications \_\_\_\_\_ (4)

### **Major Requirements (54 credit hours)**

1<sup>st</sup> Tier Core (8 credit hours):

BIO 303: Intro to Evolution \_\_\_\_\_ (4)

BIO 304: Principles of Genetics \_\_\_\_\_ (4)

2<sup>nd</sup> Tier Core (8 credit hours):

Two courses from the following:

BIO 315: Intro to Cell Biology \_\_\_\_\_ (4)

BIO 325: Ecology \_\_\_\_\_ (4)

BIO 350: Animal Physiology **OR** BIO 430G: Plant Physiology \_\_\_\_\_ (4)

2<sup>nd</sup> Tier Statistics (3 credit hours):

STA 296: Statistical Methods and Motivations \_\_\_\_\_ (3)

2<sup>nd</sup> Tier Seminar (1 credit hour):

BIO 425: Biology Seminar \_\_\_\_\_ (1)

Course Outside Major Department (7-9 credit hours)

CHE 230: Organic Chemistry I **OR** CHE 236: Survey of Organic Chemistry \_\_\_\_\_ (3)

CHE 231: Organic Chemistry Lab I \_\_\_\_\_ (1)

PHY 211: General Physics **OR** PHY 151: Intro to Physics \_\_\_\_\_ (3 or 5)

Graduation Composition and Communication Requirement (GCCR):

Oral Component: SATISFIED BY MAJOR

\*Written Component: BIO 398 **OR** BIO 404 **OR** BIO 405 **OR** BIO 418 **OR** BIO 430G **OR** BIO 445 **OR** WRD 305 **OR** WRD 310 \_\_\_\_\_ (1-4)

Complete the **Minor Option – (this section to include 25 – 27 credit hours)**

Complete the requirements for any minor other than the biology minor (18–21 credit hours)

Minor name:

***Declaration of Minor Form*** submitted: \_\_\_\_\_ Date

Minor Requirements \_\_\_\_\_

\_\_\_\_\_ (18–21)

Biology electives to bring the total in this category to 25–27 credit hours (depends on PHY course taken). A total of 3 hours of independent research from life sciences departments (395) may be counted in this category.

\_\_\_\_\_ (4-9)\*  
| (6 hours of BIO Prefix) |

If students double-dip major and minor requirements, additional biology electives must be taken to meet the graduation requirement of 54 hours in the B.A. in Biology.

(\* GCCR written component can fulfill 1-4 elective credit hours)

**A minimum of 6 of the 4-9 upper-level elective hours must be 300-level+ BIO courses.  
If fewer than 6 hours are needed to complete the requirements, ALL hours must be BIO courses.**

Must have a minimum of an overall GPA of 2.0 **AND** a 2.0 GPA in the major YES / NO

120 hours required for graduation – requirement met YES / NO

**At least 39 credits must be at the 300-level or above** – Requirement met YES / NO