

**Student ID:** \_\_\_\_\_  
**Student Name:** \_\_\_\_\_  
**Adviser Name:** \_\_\_\_\_

**Catalog: 2019-20 College of Liberal Arts**  
**Program: Biology Minor**  
**Minimum Credits Required:** \_\_\_\_\_

## Biology Minor

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## Minor Requirements

Six (6) core courses and an additional four (4) semester hours of BIO prefix elective course credit are required: four (4) core biology courses, two (2) core chemistry courses, and 4 semester hours of elective courses. At least four (4) of the courses required for the biology minor must be taken at Rollins College or as part of a Rollins sanctioned program (e.g., Duke Marine lab, University of London). Of these four (4), at least three (3) must be **BIO** courses beyond *BIO 120/BIO 121*. To declare this minor, a student must have a minimum 2.0 GPA in at least two (2) of the courses listed on the minor map.

## Core Biology Courses (Four Courses)

### BIO 120 and BIO 121 Required

Course Name	Crs:	Term Taken	Grade	Gen Ed
BIO 120 - General Biology I				
BIO 121 - General Biology II <i>Prereq(s):</i> BIO 120 and CHM 120				

### Two (2) courses satisfying two (2) out of the following three (3) clusters:

#### Molecular biology/genetics

Course Name	Crs:	Term Taken	Grade	Gen Ed
BIO 308 - Genetics <i>Prereq(s):</i> BIO 121 and CHM 121 or CHM 131.				
BIO 310 - Microbial Genetics <i>Prereq(s):</i> BIO 121 and CHM 121 or CHM 131				
BIO 341 - Molecular Biology <i>Prereq(s):</i> BIO 121 and CHM 220/220L.				

#### Ecosystems/Field study

Course Name	Crs:	Term Taken	Grade	Gen Ed
BIO 210 - Introduction to Marine Science <i>Prereq(s):</i> BIO 121 or ENV 225 . and				
BIO 388 - Marine Biology Lab <i>Prereq(s):</i> BIO 210.				
BIO 316 - Ecology <i>Prereq(s):</i> BIO 121 or ENV 225.				
BIO 330 - Field Botany and Florida Ecosystems <i>Prereq(s):</i> BIO 121 or ENV 225.				

#### Physiology

Course Name	Crs:	Term Taken	Grade	Gen Ed
BIO 311 - Plant Physiology <i>Prereq(s):</i> BIO 121 and CHM 121 or CHM 131.				
BIO 312 - Animal Physiology <i>Prereq(s):</i> BIO 121 and CHM 121 or CHM 131.				
BIO 329 - Microbial Physiology <i>Prereq(s):</i> BIO 229 and CHM 121 or CHM 131				
BIO 360 - Cell Biology <i>Prereq(s):</i> BIO 121 and CHM 121 or CHM 131.				

## Core Chemistry Courses

(two courses in Chemistry selected from the list below.)

Course Name	Crs:	Term Taken	Grade	Gen Ed
CHM 120 - Chemistry I or				

<i>Prereq(s):</i> Completion of Math Skills Inventory				
CHM 130 - Advanced Chemistry I <i>Prereq(s):</i> Completion of Math Skills Inventory.				
CHM 121 - Chemistry II or <i>Prereq(s):</i> CHM 120 or CHM 130 or consent.				
CHM 131 - Advanced Chemistry II <i>Prereq(s):</i> CHM 130 or CHM 120 and instructor consent.				
CHM 220/220L - Organic Chemistry I <i>Prereq(s):</i> C- in CHM 121 or CHM 131 or consent.				

## Biology Electives

Four (4) semester hours

A minimum of four (4) semester hours from BIO 210 and above.

After satisfying core requirements in the cellular/molecular biology ecosystems/field study, and physiology clusters, additional courses from these lists may be used as electives.

### Notes: