

Bachelor of Science.....Major Codes BI01-BI10

Biology Major

General Education CORE 42 Requirements 42* 32

UE 100 First Year Experience** 1

Biology Requirements 40

BIO 108 Principles of Biology I..... 3... was BIO 110

BIO 109 Principles of Biology I Lab 1

BIO 111 Principles of Biology II..... 4

BIO 210 Molecular Cell Biology 4

BIO 231 General and Medical Microbiology..... 5

BIO 305 Genetics..... 4

BIO 402 General Ecology

OR

BIO 481 Aquatic Ecology..... 4

BIO Electives (200 level or higher) 15***

Supporting Requirements 23

MATH 140 Algebra & Trigonometry
(MATH 130 + MATH 135 = MATH 140)

OR

MATH 150 Calculus with Analytic Geometry I 5

CHEM 140 General Chemistry I..... 3... was CHEM 151

CHEM 141 General Chemistry I Lab 1

CHEM 142 General Chemistry II..... 5... was CHEM 152

CHEM 301 Organic Chemistry I..... 5

PHYS 160 Elementary College Physics I With Lab 4... was PHYS 151

Electives 24

Total Hours 120***

*Required courses in Biology, Chemistry/Physics and Mathematics satisfy major requirements and 10 hours of the General Education Core 42.

**Degree Requirement H (UE 100), may also be met by HNRS 101 (2 credit hours).

***Electives should be chosen based on the following divisions:

Biomedical Sciences 15

Recommended courses: BIO 201 or 331, 240, 301, 308, 350, 361, 362, 370, 380, 433, 442, 455, 456, 464, 475, 490, 491, 498, 499

Field/Conservation Biology 15

Recommended courses: BIO 250, 300, 302, 303, 304, 312, 316, 322, 331, 332, 352, 361, 370, 440, 455, 464, 490, 491, 498, 499

General Biology 15

Recommended courses: Two from each of the following:

Biomedical Sciences electives and Field/Conservation Biology electives

**** Must include at least-39 Upper Division (300-400 level) hrs.

Although not required for the BS in Biology, some students may need additional courses to meet admission requirements for professional or graduate school. Students should contact their advisor and perspective professional or graduate school for information regarding the specific courses required.

Updated 4/2/18 to reflect CORE 42.