



Eureka College

## MAJOR IN BIOLOGY

2017-2018 CATALOG

**REQUIREMENTS FOR A MAJOR IN BIOLOGY:** a minimum of 32 hours of coursework, plus a minimum of 22 hours of required supporting courses, consisting of the following:

***All of the following:***

_____	BIO141W – Principles of Biology I	4 hrs.
_____	BIO142 – Principles of Biology II	4 hrs.
_____	BIO320 – Microbiology	4 hrs.
_____	BIO360W – Genetics	4 hrs.

***Plus one of the following:***

_____	BIO281 – Animal Behavior <sup>(Alt 2)</sup>	3 hrs.
_____	BIO300W – Ecology <sup>(Alt 2)</sup>	4 hrs.

***Plus one of the following:***

_____	BIO242 – Introduction to Zoology <sup>(Alt 2)</sup>	4 hrs.
_____	BIO325 – Immunology <sup>(Alt 3)</sup>	4 hrs.
_____	BIO342 – Comparative Vertebrate Anatomy <sup>(Alt 3)</sup>	4 hrs.
_____	BIO370 – Physiology <sup>(Alt 3)</sup>	3 hrs.

***Plus one of the following:***

_____	BIO421 – Biochemistry II	3 hrs.
_____	BIO430W – Developmental Biology <sup>(Alt 2)</sup>	4 hrs.
_____	BIO466 – Organic Evolution <sup>(Alt 2)</sup>	3 hrs.

***Plus one of the following (Note: courses used to fulfill other majors requirements cannot be used to meet the Elective requirement):***

_____	BIO241 – Introduction to Botany <sup>(Alt 2)</sup>	4 hrs.
_____	BIO242 – Introduction to Zoology <sup>(Alt 2)</sup>	4 hrs.
_____	BIO264 – Human Anatomy and Physiology II	4 hrs.
_____	BIO281 – Animal Behavior <sup>(Alt 2)</sup>	3 hrs.
_____	BIO300W – Ecology <sup>(Alt 2)</sup>	4 hrs.
_____	BIO325 – Immunology <sup>(Alt 3)</sup>	4 hrs.
_____	BIO430W – Developmental Biology <sup>(Alt 2)</sup>	4 hrs.
_____	BIO342 – Comparative Vertebrate Anatomy <sup>(Alt 3)</sup>	4 hrs.
_____	BIO370 – Physiology <sup>(Alt 3)</sup>	3 hrs.
_____	BIO380 – Contemporary Laboratory Science <sup>(Alt ?)</sup>	4 hrs.
_____	BIO421 – Biochemistry II	3 hrs.
_____	BIO466 – Organic Evolution <sup>(Alt 2)</sup>	3 hrs.

***Plus the following required supporting courses:***

_____	CHM131 – General Chemistry I	4 hrs.
_____	CHM132 – General Chemistry II	4 hrs.
_____	CHM220 – Organic Chemistry I	4 hrs.
_____	CHM321 – Biochemistry	3 hrs.
_____	MAT121 – Precalculus	4 hrs.
_____	MAT265 – Quantitative Methods I	3 hrs.

**NOTES:**