



Eureka College

MAJOR IN BIOLOGY

2015-2016 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	3 hrs.
_____	BIO300W – Ecology	4 hrs.

Plus one of the following:

_____	BIO242 – Introduction to Zoology	4 hrs.
_____	BIO325 – Immunology	4 hrs.
_____	BIO342 – Comparative Vertebrate Anatomy	4 hrs.
_____	BIO370 – Physiology	3 hrs.

Plus one of the following:

_____	BIO430W – Developmental Biology	4 hrs.
_____	BIO466 – Organic Evolution	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	4 hrs.
_____	BIO242 – Introduction to Zoology	4 hrs.
_____	BIO264 – Human Anatomy and Physiology II	4 hrs.
_____	BIO281 – Animal Behavior	3 hrs.
_____	BIO300W – Ecology	4 hrs.
_____	BIO325 – Immunology	4 hrs.
_____	BIO430W – Developmental Biology	4 hrs.
_____	BIO342 – Comparative Vertebrate Anatomy	4 hrs.
_____	BIO370 – Physiology	3 hrs.
_____	BIO380 – Contemporary Laboratory Science	4 hrs.
_____	BIO466 – Organic Evolution	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.
_____	MAT121 – Precalculus	4 hrs.
_____	MAT265 – Quantitative Methods I	3 hrs.

Plus one of the following supporting courses:

_____	CHM221 – Organic Chemistry II	4 hrs.
_____	CHM322 – Biochemistry	3 hrs.

NOTES: If you choose a 3 semester hour class in one or more of the Biology areas, take elective BIO classes as needed to reach 32 semester hours.