



# Eureka College 2018-2019 Catalog

## Major in Biology

Complete 120 semester hours of graduation-eligible credit.

| Biology Major   |                              | Gr | Cr        |
|---|------------------------------|----|-----------|
| BIO141W   | Principles of Biology I      |    | 4         |
| BIO142  | Principles of Biology II     |    | 4         |
| BIO320  | Microbiology                 |    | 4         |
| BIO360W   | Genetics                     |    | 4         |
| Choose one of the following (Population Biology):   |                              |    |           |
| <ul style="list-style-type: none"> <li>BIO281 – Animal Behavior [3]<sup>(Alt Yrs)</sup></li> <li>BIO300W – Ecology [4]<sup>(Alt Yrs)</sup></li> </ul>   |                              |    |           |
| Choose one of the following (Structure/Function):   |                              |    |           |
| <ul style="list-style-type: none"> <li>BIO242 – Introduction to Zoology [4]<sup>(Alt Yrs)</sup></li> <li>BIO325 – Immunology [4]<sup>(Alt Yrs)</sup></li> <li>BIO342 – Comparative Vertebrate Anat [4]<sup>(Alt Yrs)</sup></li> <li>BIO370 – Physiology [3]<sup>(Alt Yrs)</sup></li> </ul>  |                              |    |           |
| Choose two of the following (Integrative):  |                              |    |           |
| <ul style="list-style-type: none"> <li>BIO421 – Biochemistry II [3]<sup>(Alt Yrs)</sup></li> <li>BIO430W – Developmental Biology [4]<sup>(Alt Yrs)</sup></li> <li>BIO466 – Organic Evolution [3]<sup>(Alt Yrs)</sup></li> </ul>   |                              |    |           |
| Choose one of the following not used above:   |                              |    |           |
| <ul style="list-style-type: none"> <li>BIO241 – Introduction to Botany [4]<sup>(Alt Yrs)</sup></li> <li>BIO242 – Introduction to Zoology [4]<sup>(Alt Yrs)</sup></li> <li>BIO264 – Human Anatomy &amp; Physiology II [4]</li> <li>BIO281 – Animal Behavior [3]<sup>(Alt Yrs)</sup></li> <li>BIO300W – Ecology [4]<sup>(Alt Yrs)</sup></li> <li>BIO325 – Immunology [4]<sup>(Alt Yrs)</sup></li> <li>BIO342 – Comparative Vertebrate Anat [4]<sup>(Alt Yrs)</sup></li> <li>BIO370 – Physiology [3]<sup>(Alt Yrs)</sup></li> <li>BIO380 – Contemporary Lab Science [4]<sup>(Sporadic)</sup></li> <li>BIO421 – Biochemistry II [3]<sup>(Alt Yrs)</sup></li> <li>BIO430W – Developmental Biology [4]<sup>(Alt Yrs)</sup></li> <li>BIO466 – Organic Evolution [3]<sup>(Alt Yrs)</sup></li> </ul> |                              |    |           |
| Required Supporting Courses   |                              |    |           |
| CHM131  | General Chemistry I          |    | 4         |
| CHM132  | General Chemistry II         |    | 4         |
| CHM220  | Organic Chemistry I          |    | 4         |
| CHM321  | Biochemistry                 |    | 3         |
| MAT121  | Precalculus or MAT171 Calc I |    | 4         |
| MAT265  | Quantitative Methods I       |    | 3         |
| <b>TOTAL</b>  |                              |    | <b>54</b> |

### Additional Necessary Check (Due to Options)

- At least 32 credits of BIO prefix credit has been earned.

| Complete one of the following options:                         |    |    |
|--|----|----|
| <input type="radio"/> Completion of a second major:            |    |    |
| <input type="radio"/> Completion of a minor:                   |    |    |
| <input type="radio"/> 12 Credits Outside of Major at 200+Level | Gr | Cr |
|  |    |    |
|  |    |    |
|  |    |    |
| <b>TOTAL</b>   |    |    |

| General Education Capabilities                                   | Date Met  |
|--|-----------|
| <i>Justice and Civic Responsibility [JCR]</i>                    |           |
| <i>Aesthetic Sensibility [AS]</i>                                |           |
| <i>Analytical Inquiry &amp; Problem Solving [AIPS]</i>           |           |
| <i>Communication [CO]</i>  |           |
| <i>Health, Fitness, and Well-Being [HFWB]</i>                    |           |
| <i>Intercultural Understanding [IU]</i>                          |           |
| <i>Scientific Literacy [SL]</i>                                  |           |
| <i>Spiritual Engagement / Examined Life [SEEL]</i>               |           |
| <i>Sustainable Practices &amp; Environmental Conscience [SP]</i> |           |
| <i>Ethical Reasoning [ER]</i>                                    |           |
| ECC490 Ethical Reasoning Seminar                                 |           |
| <b>TOTAL CAPABILITIES COMPLETED (Not Credits)</b>                | <b>10</b> |

| Writing Requirement                   | Gr | Cr       |
|---------------------------------------|----|----------|
| ENG103W Academic Writing & Research   |    | 3        |
| ENG301W Adv. Academic Writing & Rsrch |    | 3        |
| BIO141W Principles of Biology I       |    | -        |
| BIO360W Genetics                      |    | -        |
| <b>TOTAL</b>                          |    | <b>6</b> |

# GRADUATION AUDIT



Name: \_\_\_\_\_

SONISID#: \_\_\_\_\_

Degree: \_\_\_\_\_

Catalog: \_\_\_\_\_

Major 1: \_\_\_\_\_

Major 2: \_\_\_\_\_

Minor: \_\_\_\_\_

Anticipated Graduation Date: \_\_\_\_\_

| Date | Major 1<br>GPA | Major 2<br>GPA | Minor 1<br>GPA | Minor 2<br>GPA | Cumulative<br>GPA | Total<br>Credits | Remedial<br>Credits | Graduation<br>Credits |
|------|----------------|----------------|----------------|----------------|-------------------|------------------|---------------------|-----------------------|
|      |                |                |                |                |                   |                  |                     |                       |
|      |                |                |                |                |                   |                  |                     |                       |
|      |                |                |                |                |                   |                  |                     |                       |
|      |                |                |                |                |                   |                  |                     |                       |
|      |                |                |                |                |                   |                  |                     |                       |
|      |                |                |                |                |                   |                  |                     |                       |
|      |                |                |                |                |                   |                  |                     |                       |
|      |                |                |                |                |                   |                  |                     |                       |
|      |                |                |                |                |                   |                  |                     |                       |
|      |                |                |                |                |                   |                  |                     |                       |

Please review this audit with your academic advisor. Remember, you are responsible for knowing your degree requirements and keeping track of your progress toward graduation. Your advisor will provide guidance and advice. *Always consult your Eureka College Catalog for information about graduation requirements.*

- All GPA's (Major, Minor, and Cumulative) must be 2.0 or above to graduate.
- At least 120 (124 for those entering before Fall 2017) semester hours of credit must be earned to graduate with a BA/BS.

Explanation of Notations

- A,B,C,D = requirement met by Eureka College credit
- T = requirement met by transfer credit
- Pr = requirement met by proficiency
- F1516 = letter indicates semester, numbers indicate academic year that course is in progress or registered (F = fall, S= spring, SU = summer)
- N/A = not applicable
- IAI = requirement met through IAI (Illinois Articulation Initiative)