



# Eureka College 2024-2025 Catalog

## Major in Biology

Complete 120 semester hours of graduation-eligible credit.  
Minimum of 37 hours of coursework plus required supporting coursework.

Biology Major		Gr	Cr
BIO141	Principles of Biology I [PR: or CR: MAT103 or placement]		4
BIO142	Principles of Biology II [PR: BIO141]		4
BIO250	Molecular & Cellular Biology [PR: C or better in BIO141]		3
BIO360W	Genetics [PR: BIO142; PR or CR: CHM221]		4
BIO430W	Developmental Biology [PR: BIO142; rec PR: BIO242]		4
BIO466	Evolutionary Biology [PR: BIO360W]		3
Choose one of the following (Population Biology):			
<ul style="list-style-type: none"> <li>BIO300W – Ecology [4] [PR: BIO142, BIO/EVS121, or IC]</li> <li>EVS305W – Conservation Biology [4] [PR: BIO142 or BIO/EVS121; rec PR: BIO300W]</li> </ul>			
			4
Choose two of the following (Structure/Function):			
<ul style="list-style-type: none"> <li>BIO220 - Microbiology [4] ] [PR: BIO142/263 &amp; CHM121/131]</li> <li>BIO241 – Introduction to Botany [4] [PR: BIO142, BIO/EVS121, or IC]</li> <li>BIO242 – Introduction to Zoology [4] [PR: BIO142, BIO/EVS121, or IC]</li> <li>BIO264 – Human Anatomy &amp; Physiology II [4] [PR: C or better in BIO263 or 142]</li> <li>BIO325 – Immunology [4] [PR: BIO142 &amp; CHM221]</li> <li>BIO342 – Comparative Vertebrate Anat [4] [PR: BIO142]</li> </ul>			
			4
			4
Choose one of the following not used above:			
<ul style="list-style-type: none"> <li>BIO220 - Microbiology [4] [PR: BIO142/263 &amp; CHM121/131]</li> <li>BIO241 – Introduction to Botany [4] [PR: BIO142, BIO/EVS121, or IC]</li> <li>BIO242 – Introduction to Zoology [4] [PR: BIO142, BIO/EVS121, or IC]</li> <li>BIO263 – Human Anatomy &amp; Physiology I [4] [PR: MAT095R or placement]</li> <li>BIO264 – Human Anatomy &amp; Physiology II [4] [PR: C or better in BIO263 or 142]</li> <li>BIO300W – Ecology [4] [PR: Bio142, BIO/EVS121, or IC]</li> <li>BIO325 – Immunology [4] [PR: BIO142 &amp; CHM221]</li> </ul>			

<ul style="list-style-type: none"> <li>BIO342 – Comparative Vertebrate Anat [4] {PR: BIO142}</li> <li>BIO380 – Contemporary Lab Science [4] [PR: BIO142]</li> <li>CHM321 – Biochemistry I [3] [PR: BIO141, BIO142, &amp; CHM221]</li> <li>BIO/CHM421 – Biochemistry II [3] [PR: BIO141, BIO142, &amp; CHM220]</li> <li>EVS305W – Conservation Biology [4] [PR: Bio142 or BIO/EVS121; rec PR: BIO300W]</li> </ul>		
<b>Required Supporting Courses (all of the following):</b>		
CHM131 General Chemistry I [PR or CR: MAT121 or placement]		4
CHM132 General Chemistry II [PR: CHM131 & MAT121]		4
CHM220 Organic Chemistry I [PR: CHM132]		4
MAT260 Statistics [PR: MAT103 or placement]		3
<i>Plus one of the following:</i>		4-5
<ul style="list-style-type: none"> <li>MAT121- Precalculus [PR: MAT103 or placement]</li> <li>MAT171- Calculus with Analytic Geometry I [PR: MAT121 or placement]</li> </ul>		
<b>TOTAL</b>		
<b>Additional Necessary Check (Due to Options)</b>		
<input type="radio"/> 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>		

10 Essentials	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>	
ECC490W Ethical Reasoning Seminar	

Writing Requirement	Gr	Cr
ENG103W Academic Writing & Research		3
ENG301W Adv. Academic Writing & Rsrch		3
BIO360W Genetics		4
BIO430W Developmental Biology		4
ECC490W Ethical Reasoning Seminar		3
<b>TOTAL</b>		<b>15</b>

# GRADUATION AUDIT



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

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

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

**Catalog:** 2024-2025 \_\_\_\_\_

**Major 1:** Biology \_\_\_\_\_

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

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

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

Date	Major 1 GPA	Major 2 GPA	Minor 1 GPA	Minor 2 GPA	Cumulative GPA	Total Credits	Remedial Credits	Graduation 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 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)