



# Eureka College 2023-2024 Catalog

## Major in Mathematics

Complete 120 semester hours of graduation-eligible credit.  
Minimum of 37 hours of major coursework.

Mathematics Major		Gr	Cr
MAT131	Intro to Mathematical Prgrmng		3
MAT171	Calculus w/ Analytic Geometry I		5
MAT271	Calculus w/ Analytic Geometry II		4
MAT272	Calculus w/ Analytic Geom III		4
MAT275	Differential Equations <sup>(Alt Yrs.)</sup>		3
MAT280	Discrete Mathematics		3
MAT310	Probability and Statistics <sup>(Alt Yrs.)</sup>		3
MAT315	Linear Algebra		3
MAT320	Abstract Algebra <sup>(Alt Yrs.)</sup>		3
MAT340W	Foundations of Geometry <sup>(Alt Yrs.)</sup>		3
MAT415	Real Analysis <sup>(Alt Yrs.)</sup>		3
<b>TOTAL</b>			

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
Elective <i>W</i> Course		3
MAT340W Foundations of Geometry		3
ECC490W Ethical Reasoning Seminar		3
<b>TOTAL</b>		<b>15</b>

# GRADUATION AUDIT



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

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

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

**Catalog:** 2023-2024 \_\_\_\_\_

**Major 1:** Mathematics \_\_\_\_\_

**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)