



Eureka College 2024-2025 Catalog

Major in Mathematics/Tchr Licensure

Complete 120 semester hours of graduation-eligible credit.

Mathematics Major		Gr	Cr
MAT131	Intro to Mathematical Prgrmng [PR: MAT121 or MAT162]		3
MAT171	Calculus w/ Analytic Geometry I [PR: MAT121 or placement]		5
MAT271	Calculus w/ Analytic Geometry II [PR: MAT171]		4
MAT272	Calculus w/ Analytic Geom III [PR: MAT271]		4
MAT275	Differential Equations (Alt Yrs.) [PR: MAT271]		3
MAT280	Discrete Mathematics [PR: MAT171; rec PR: CSC135]		3
MAT310	Probability and Statistics (Alt Yrs.) [PR: MAT271]		3
MAT315	Linear Algebra [PR: MAT271]		3
MAT320	Abstract Algebra (Alt Yrs.) [PR: MAT280 or MAT315]		3
MAT340W	Foundations of Geometry (Alt Yrs.) [PR: MAT271]		3
MAT415	Real Analysis (Alt Yrs.) [PR: MAT272 or MAT315]		3
Choose one of the following:			
<ul style="list-style-type: none"> • PHS110 – Introduction to Physical Science • PHS111 – Introduction to Earth Science • PHY ___ - Any Physics Course 			
			4
Professional Education			
EDU165	Foundations of American Educ		3
EDU170	Intro to Curriculum & Instruct		2
EDU227W	Educational Psychology [PR: sophomore standing]		3
EDU229	Educating the Exceptional Child [PR: sophomore; CR: EDU229F]		3
EDU229F	Exceptional Child Field Exp. [PR: sophomore standing, CR: EDU229]		.5
EDU241	Beg Sec Methods in Social Scien [PR: none; CR: EDU240F]		3
EDU240F	Beg Sec Methods Field Exp.		.5
EDU351	Language & Diversity in Educ. [PR: EDU227W, PSY101, or IC]		3
EDU355	Education Law [PR: junior standing or IC]		1
EDU372D	Secondary Diversity Practicum [PR: Admission to Teacher Ed Program]		1
EDU373D	Secondary Content Practicum [PR: Admission to Teacher Ed Program]		1
EDU390L	Integrating Tech. into Teaching [PR: EDU170]		2
EDU415W	Secondary Classroom Mgt [PR: Admission to Teacher Ed Prog & junior or senior standing]		2

EDU431W	Educational Assessment [PR: junior or senior standing]		2
EDU441	Adv Sec Methods in Social Sci [PR: EDU170; EDU240, or IC; junior standing]		3
EDU455	Education Seminar [Current Student Teacher; CR: EDU456 & EDU470A-E]		1
EDU456W	Teacher Performance Assessmt [PR: Current Student Teacher; CR: EDU470A-E]		2
EDU470D	Secondary Student Teaching [PR: Admission to Teacher Ed Prog; Completion of all Teacher Ed courses; 2.75 cumulative GPA, & 3.00 Major GPA]		12
SPE358L	Explicit Instruction [PR: junior or senior standing or IC]		3
TOTAL			

Additional State Content Area Standards			
PSY207	Middle Childhood & Adol. Dev.		3
TOTAL			

Requirements continued next page.



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10 Essentials	Date Met
<i>Justice and Civic Responsibility [JCR]</i>	
<i>Aesthetic Sensibility [AS]</i>	
<i>Analytical Inquiry & 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 & 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 & Resear		3
MAT340W Foundations of Geometry		3
EDU227W Educational Psychology		3
ECC490W Ethical Reasoning Seminar		3
TOTAL		15

GRADUATION AUDIT



Name: _____

SONISID#: _____

Degree: _____

Catalog: 2024-2025 _____

Major 1: Mathematics _____

Major 2: Secondary Education w/ Teacher's License _____

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)