Eureka College
2023-2024 Catalog

Major in Computer Science

Complete 120 semester hours of graduation-eligible credit.
Minimum of 50 hours of major coursework.

Computer Science Eureka Courses		Gr	Cr
MAT171	Calculus w/ Analytic Geometry I		4
MAT280	Discrete Mathematics		3
One of the following: • Internship Option Or • Mathematics Option			
Internship Option			
CSC495 – Computer Science Internship			3+
Mathematics Option			
MAT271	Calculus w/ Analytic Geometry II		4
MAT315	Linear Algebra		3
One of the following: • MAT310 – Probability • MAT320 – Abstract Algebra • MAT340 – Foundations of Geometry • MAT415 – Real Analysis			
			3
TOTAL			

Computer Science Acadeum Courses		Gr	Cr
CSC203	Computer Systems		3
CSC204	Programming Logic and Design		3
CSC207	Programming in C/C++		3
CSC209	Java Programming		3
CSC212	System Administration		3
CSC217	Theoretical Found. Of Comp Sci		3
CSC301	Algorithms and Data Structures		3
CSC309W	Network Theory and Design		3
CSC315	Decision Support Systems		3
CSC320	System Analysis and Design		3
CSC330	Database Concepts & Program.		3
CSC340	Intro. To Internet Applications		3
CSC416	Intro. To Information Security		3
TOTAL			

Optional minor in Mathematics

Complete one of the following options:			
◯ Completion of a second major:			
◯ Completion of a minor:			
◯ 12 Credits Outside of Major at 200+Level		Gr	Cr
TOTAL			

10 Essentials	Date Met
Justice and Civic Responsibility [JCR]	
Aesthetic Sensibility [AS]	
Analytical Inquiry & Problem Solving [AIPS]	
Communication [CO]	
Health, Fitness, and Well-Being [HFWB]	
Intercultural Understanding [IU]	
Scientific Literacy [SL]	
Spiritual Engagement / Examined Life [SEEL]	
Sustainable Practices & Environmental Conscience [SP]	
Ethical Reasoning [ER]	
ECC490W Ethical Reasoning Seminar	

Writing Requirement		Gr	Cr
ENG103W	Academic Writing & Research		3
ENG301W	Adv. Academic Writing & Rsrch		3
	Elective *W* Course		3
CSC309W	Network Theory and Design		3
ECC490W	Ethical Reasoning Seminar		3
TOTAL			**15**

GRADUATION AUDIT

Name: _____

SONISID#: _____

Degree: _____

Catalog: 2023-2024 _____

Major 1: Computer Science _____

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)