Eureka College
2022-2023 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: 2022-2023 _____

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)