



# Eureka College 2024-2025 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 [PR: MAT121 or placement]		5
MAT280	Discrete Mathematics [PR: MAT171]		3
<b>One of the following:</b>			
<b>Internship Option</b>			
CSC495	Computer Science Internship [PR: 2.25 GPA & completed Internship Agreement]		3+
<b>Mathematics Option</b>			
MAT271	Calculus w/ Analytic Geometry II [PR: MAT171]		4
MAT315	Linear Algebra [PR: MAT171]		3
One of the following:			
<ul style="list-style-type: none"> <li>MAT310 – Probability [PR: MAT271]</li> <li>MAT320 – Abstract Algebra [PR: MAT270 or MAT315]</li> <li>MAT340 – Foundations of Geometry [PR: MAT271]</li> <li>MAT415 – Real Analysis [PR: MAT272 or MAT315]</li> </ul>			
			3
<b>TOTAL</b>			

Computer Science Acadeum Courses		Gr	Cr
CSC203	Computer Systems		3
CSC204	Programming Logic and Design		3
CSC207	Programming in C/C++ [PR: CSC203]		3
CSC209	Java Programming [PR: CSC204 or CSC207]		3
CSC212	System Administration		3
CSC217	Theoretical Found. Of Comp Sci [PR: CSC207 & MAT171]		3
CSC301	Algorithms and Data Structures [PR: CSC204 or CSC207 & MAT171]		3
CSC309W*	Network Theory and Design [PR: CSC203]		3
CSC315	Decision Support Systems		3
CSC320	System Analysis and Design [PR: CSC203]		3
CSC330	Database Concepts & Program. [PR: CSC204 or CSC207]		3
CSC340	Intro. To Internet Applications [PR: CSC203]		3
CSC416	Intro. To Information Security [PR: CSC309W]		3
<b>TOTAL</b>			

\*CSC309W meets Eureka writing requirements.

^Optional minor in Mathematics

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 <b>W</b> Course		3
CSC309W Network Theory and Design		3
ECC490W Ethical Reasoning Seminar		3
<b>TOTAL</b>		<b>15</b>

# GRADUATION AUDIT



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

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

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

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

**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)