

## Wayne State University

<b>Student name</b>	Mcgowan, Matthew L
<b>Student ID</b>	*****9243
<b>Degree</b>	Bachelor of Science in Computer Science
<b>Audit date</b>	05/07/2024 3:35 PM

### Degree progress



Requirements



Credits

Overall GPA  
**3.46**

**Level** Undergraduate **Classification** Senior **Major** Computer Science **Program** BS in Computer Science **College** College of Engineering **Access ID** GR1281

## Bachelor of Science in Computer Science

**COMPLETE**

Credits required: 120   Credits applied: 122   Catalog year: Fall 2018   GPA: 3.46

- ✓ You meet the minimum GPA requirement
- ✓ General Education Requirements
- ✓ Additional Requirements for BS in Computer Science
- ✓ Math Requirements for BS in Computer Science
- ✓ Major Requirements

### Blocks included in this block

[General Education](#)  
[General Education Competency Requirements](#)  
[General Education Inquiry Requirements](#)  
[Program Requirements for BS in Computer Science](#)  
[Math Requirements for BS in Computer Science](#)  
[Major in Computer Science](#)

## General Education

**COMPLETE**

GPA: 3.18

- ✓ General Education - Competency Requirements
- ✓ General Education - Inquiry Requirements

Many General Education Courses can also satisfy program requirements elsewhere on your audit. Pay close attention to your college, major, minor and other requirements to identify courses that will also satisfy a general education requirement.

## General Education Competency Requirements

**COMPLETE**

GPA: 3.36

Please note that some General Education courses may also be fulfilled by major or minor requirements. Please consult your advisor.

Wayne State University			Mcgowan, Matthew L - *****9243		
	Course	Title	Grade	Credits	Term
✔ Basic Composition (BC)	ENG 1020	Intro: College Writing	B	3	Winter 2019
✔ Intermediate Composition (ICN)	ENG 3010	Intermediate Writing	A	3	Winter 2020
✔ Oral Communication (OC)	ENG 3060	Tech Comm 2: Presentations	B-	3	Spring/Summer 2020
✔ Quantitative Experience (QE)	MAT 1800	Elem Functions	A-	4	Winter 2020

## General Education Inquiry Requirements

COMPLETE

GPA: 3.07

Please note that some General Education courses may also be fulfilled by major or minor requirements. Please consult your advisor.

	Course	Title	Grade	Credits	Term
✔ Civic Literacy (CIV)	PS 1030	American Govt System	A-	3	Fall 2018
✔ Cultural Inquiry (CI)	MUH 1351	Hist/Styles:Rock n Roll	B-	3	Fall 2019
✔ Diversity, Equity and Inclusion Inquiry (DEI)	PHI 1110	Ethical Iss: Health Care	C+	3	Winter 2019
✔ Global Learning Inquiry (GL)	LAS 2420	Puerto Rico & Cuba	B	3	Winter 2019
✔ Natural Scientific Inquiry (NSI)	NFS 2030	Nutrition & Health	A-	3	Winter 2019
	PHY 2175	Unversity Physics Engrns1	A-	4	Winter 2022
✔ Laboratory Requirement Satisfied by PHY 2175/2171					
✔ Social Inquiry (SI)	HIS 1050	US Since WW2	C+	3	Fall 2018

## Program Requirements for BS in Computer Science

COMPLETE

GPA: 3.37

	Course	Title	Grade	Credits	Term
✔ Intermediate Composition (IC)	ENG 3010	Intermediate Writing	A	3	Winter 2020
✔ Technical Communication II: Presentations (OC)	ENG 3060	Tech Comm 2: Presentations	B-	3	Spring/Summer 2020
✔ University Physics for Engineers I (NSI)	PHY 2175	Unversity Physics Engrns1	A-	4	Winter 2022
✔ University Physics for Engineers II	PHY 2185	Unversity Physics Engrns2	B	4	Fall 2022
✔ University Physics Laboratory I or II	PHY 2171	University Physics Lab1	A	1	Winter 2022

# Math Requirements for BS in Computer Science

COMPLETE

GPA: 3.72

	Course	Title	Grade	Credits	Term
✓ Calculus I	MAT 2010	Calculus 1	A	4	Spring/Summer 2020
✓ Calculus II	MAT 2020	Calculus 2	A	4	Fall 2020
✓ Calculus III	MAT 2030	Calculus 3	A	4	Winter 2021
✓ Elementary Linear Algebra	MAT 2250	Elem Linear Algebra	A	3	Spring/Summer 2021
✓ Probability and Statistics in Engineering	BE 2100	Basic Engg 3:Problty&Stats	C+	3	Winter 2021

## Major in Computer Science

COMPLETE

GPA: 3.59

	Course	Title	Grade	Credits	Term
✓ Problem Solving and Programming + Lab					
✓ Problem Solving and Programming + Lab	CSC 1100	Prb Slvg&Prgmg	A-	3	Winter 2020
	CSC 1101	Problem Solv&Prgmg Lab	A	1	Winter 2020
✓ Fundamental Structures in Computer Science + Lab					
✓ Fundamental Structures in Computer Science + Lab	CSC 1500	Fundmtl Structures	A-	3	Fall 2020
	CSC 1501	Fdtl Structures in CSC: Lab	A	1	Fall 2020
✓ Computer Science I + Lab					
✓ Computer Science I + Lab	CSC 2110	Computer Sci 1	A	3	Fall 2020
	CSC 2111	Computer Sci 1: Lab	A	1	Fall 2020
✓ Computer Science II + Lab					
✓ Computer Science II + Lab	CSC 2200	Computer Sci 2	C	3	Winter 2021
	CSC 2201	Computer Sci 2: Lab	A	1	Winter 2021
✓ Ethics in Computer Science	CSC 3010	Ethics in Computer Science	A	3	Winter 2021
✓ Java Programming	CSC 3020	Java Programming	A	3	Spring/Summer 2022
✓ Computer Architecture and Organization + Lab					
✓ Computer Architecture and Organization	CSC 3100	Cputr Arctcr&Orgzn	B+	4	Winter 2022

✔ Algorithm Design and Analysis	CSC 3110	Algorithm Dsgn&Anlys	B+	3	Spring/Summer 2022
✔ Software Engineering + Lab					
✔ Software Engineering	CSC 4110	Software Engg	B	4	Winter 2023
✔ Computer Operating Systems + Lab					
✔ Computer Operating Systems	CSC 4420	Cptr Operating Sys	A	4	Spring/Summer 2022
✔ Introduction to Theoretical Computer Science	CSC 4500	Intr: Thry Cptr Sci	A	3	Fall 2022
✔ Introduction to Database Management Systems	CSC 4710	Intro: Database Mgt Sys	A	3	Fall 2022
✔ Senior Project and Computer Ethics + Lab					
✔ Senior Capstone Project	CSC 4996	Sr Capstone Project	A	4	Fall 2023
✔ Computer Science Electives	CSC 3400	Humn-Cputr Interaction	B+	3	Winter 2023
	CSC 3750	Intro: Web Technology	A-	3	Winter 2023
	CSC 5430	Game Progmng&Dsgn 1	A-	3	Fall 2023
	CSC 5870	Computer Graphics 1	B	3	Winter 2023

## Electives

Credits applied: 5

Classes applied: 3

Course	Title	Grade	Credits	Term
CSC 5431	Game Pgmmng&Dsgn1:Lab	A	1	Fall 2023
ENG 1010	Basic Writing	S	2	Fall 2018
MAT 1050	Algebra with Trig	C+	2	Fall 2019

## Legend

✔	Complete	○	Not complete
ⓘ	Complete (with classes in-progress)	⚠	Nearly complete - see advisor
@	Any course number		

## Disclaimer

You are encouraged to use this degree audit report as a guide when planning your progress toward completion of the above requirements. Your academic advisor or the Registrar's Office may be contacted for assistance in interpreting this report. This audit is not your academic transcript and it is not official notification of completion of degree or certificate requirements. Please contact the Registrar's Office regarding this degree audit report, your official degree/certificate completion status, or to obtain a copy of your academic transcript.