



LAST REVISED: January 5, 2026

The following table outlines how transfer credits will be applied to the Bachelor of Arts in Computer Science degree at Miami University for students who completed an Associate of Science degree via the Ohio Guaranteed Computer Science Transfer Pathway. The OGTP designation guarantees the transfer and applicability of credits, but does not guarantee admission to a program. Some bachelor-degree granting programs may be competitive, and students should check with individual institutions for their program admission requirements.

COURSE EQUIVALENCIES FROM THE ASSOCIATE DEGREE	COURSE NUMBER	CREDIT HOURS
GENERAL EDUCATION REQUIREMENTS/OHIO TRANSFER 36		
Any Ohio Transfer 36 approved First Writing (TME001) course	ENG 111	3
Calculus I (TMM005) ¹	MTH 151	4
Any Ohio Transfer 36 approved Arts and Humanities course	Ohio Transfer 36 Elective*	3
Any Ohio Transfer 36 approved Arts and Humanities course	Ohio Transfer 36 Elective*	3
Any Ohio Transfer 36 approved Social and Behavioral Sciences course	Ohio Transfer 36 Elective*	3
Any Ohio Transfer 36 approved Social and Behavioral Sciences course	Ohio Transfer 36 Elective*	3
General Chemistry I with lab (OSC008) or Calculus-based Physics I (OSC016) ²	CHM 141 and 144 or PHY 181/183	5
Any Ohio Transfer 36 approved Natural Sciences course ²	Ohio Transfer 36 Elective*	3
Calculus II (TMM006)	MTH 251	4
Public Speaking (OCM013), Oral Communication (TMOC), or Second Writing (TME002) course ³	STC 135 or ENG 112	3
Ohio Transfer 36 approved courses [Recommended: Introduction to Ethics (OAH046) or Introduction to Logic (OAH061)]	PHL 131 or Varies*	3
PRE-MAJOR/BEGINNING MAJOR		
Discrete Mathematics (TMM023)	MTH 231	3
Computer Science I (OCS001)	CSE 163	3
Computer Science II (OCS002)	CSE 271	3
Data Structures (OCS003)	CSE 274	3
OTHER RECOMMENDATIONS		
Electives [Recommended: Introduction to Computer Science if offered, Elementary Linear Algebra (OMT019), and/or Computer Organization/Architecture] ⁴	Varies*	7-12
TOTAL HOURS FROM ASSOCIATE DEGREE:		60-65
Advising Notes: (*) Indicates that coursework will be evaluated for applicable equivalency upon transfer at the university. If a Transfer Assurance Guide (TAG) course is taken, the approved course equivalency will be awarded. ¹ A prerequisite may be needed for a student to reach Calculus I (TMM005). ² Miami University recommends completing the Calculus-Based Physics sequence (OSC016 and OSC017) to meet the Ohio Transfer 36 Natural Sciences requirement. ³ Miami University recommends students take Public Speaking (OCM013), which fulfills both Ohio Transfer 36 and a major requirement. ⁴ Miami University requires a minor or second major not related to computer science. Students could take courses toward that requirement. Another recommended course that would fulfill a major requirement is Introductory Statistics (TMM010).		



Computer Science
Bachelor of Arts

EFFECTIVE BEGINNING ACADEMIC YEAR 2024-25

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The following additional coursework will be required to complete the Bachelor of Arts in Computer Science degree at Miami University after a student has completed their Associate of Science Ohio Guaranteed Computer Science Transfer Pathway degree. Some bachelor-degree granting programs may be competitive and admission into the program is not guaranteed. Students should check with individual institutions for their program admission requirements.

Table with 4 columns: Requirement, Course Number, Credit Hours, and Remaining Coursework to Complete Bachelor's Degree Total. Rows list various general education and major requirement courses with their respective credit hours.

Advising Notes:

1 Miami University requires a total of 124 credit hours for degree completion. The total number of hours to complete a bachelor's degree represents a range of hours that may be needed depending on the individual course selections made during the associate degree program.

Summary table with 2 columns: Complete Bachelor's Degree and Total Credit Hours. Row: Bachelor's Degree Total: 124



SPECIAL NOTES

For more information, please contact:
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SAMPLE DEGREE MAP

THIRD YEAR

SEMESTER 5		SEMESTER 6	
COURSE NAME & NUMBER	CREDIT HOURS	COURSE NAME & NUMBER	CREDIT HOURS
CEC 111 Imagination, Ingenuity, and Impact I	2	CEC 112 Imagination, Ingenuity, and Impact II	2
CYB 134 Introduction to Cybersecurity	3	CSE 278 Systems I: Introduction to Systems Programming	3
CSE 174 Fundamentals of Programming	3	CSE 374 Algorithms	3
CSE 201 Introduction to Software Engineering	3	STA 261 Statistics or STA 301 Applied Statistics	3-4
Intercultural Consciousness	3	CSE Elective	3
Course for selected minor/co-major	3	Course for selected minor/co-major	3
Total SEMESTER 5 Credit Hours	17	Total SEMESTER 6 Credit Hours	17-18

FOURTH YEAR

SEMESTER 7		SEMESTER 8	
COURSE NAME & NUMBER	CREDIT HOURS	COURSE NAME & NUMBER	CREDIT HOURS
CSE 448 Senior Design Project I	2	CSE 449 Senior Design Project II	2
CSE 381 Systems II: OS, Concurrency, Virtualization, and Security	3	CSE 465 Comparative Programming	3
CSE 383 Web Application Programming	3	CSE Elective	3
CSE Elective	3	CSE Elective	3
Course for selected minor/co-major	3	Course for selected minor/co-major	3
Course for selected minor/co-major	3	Course for selected minor/co-major	3
Total SEMESTER 7 Credit Hours	17	Total SEMESTER 8 Credit Hours	17