Transfer Credit Ohio
THE OHIO DEPARTMENT OF HIGHER EDUCATION
Guaranteed Transfer Pathways

Wright State University

Computer Science
Bachelor of Science

Effective beginning Academic Year 2024-25 (Last revised November 15, 2024)

The following table outlines how transfer credits will be applied to the Bachelor of Science in Computer Science degree at Wright State University for students who completed an Associate of Science degree via the Ohio Guaranteed Computer Science Transfer Pathway. Wright State University also offers a Bachelor of Arts in Computer Science, which can be found here: https://dam.assets.ohio.gov/image/upload/transfercredit.ohio.gov/files/transfer/pathways/WSUN_ComputerScienceBA.pdf

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 1100	3
Calculus I (TMM005)[1]	MTH 2300	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)	CHM 1210/L or PHY 2400/L	5
Any Ohio Transfer 36 approved Natural Sciences course	Ohio Transfer 36 Elective*	3
Calculus II (TMM006)	MTH 2310	4
Public Speaking (OCM013), Oral Communication (TMOC), or Second Writing (TME002) course	COM 1010 or ENG 2100	3
Ohio Transfer 36 approved courses [Recommended: Introduction to Ethics (OAH046) or Introduction to Logic (OAH061)]	PHL 3110 or Elective*	3
PRE-MAJOR/BEGINNING MAJOR		
Discrete Mathematics (TMM023)	MTH 2570 (to be submitted)[2]	4
Computer Science I (OCS001)	CS 1180	4
Computer Science II (OCS002)	CS 1181 (to be submitted)[2]	4
Data Structures (OCS003)	CS 3100 (to be submitted)[2]	3
OTHER RECOMMENDATIONS		
Electives (Recommended: Introduction to Computer Science if offered, Elementary Linear Algbra (OMT019), and/or Computer Organization/Architecture)[3]	MTH 2530	3
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] "Under review" or "to be submitted" indicates that the course does not currently carry the statewide course equivalency guarantee. However, the institution is working towards this goal and will act in good faith to ensure the appropriate equivalency is given that counts toward the degree.
[3] Additional recommended pre-major/major coursework is institution specific. Requirements may vary by institution. Consult with your academic advisor and your receiving institution to determine an appropriate program of study.

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The following additional coursework will be required to complete the Bachelor of Science in Computer Science degree at Wright State University after a student has completed their Associate of Science Ohio Guaranteed Computer Science Transfer Pathway degree. Wright State University also offers a Bachelor of Arts in Computer Science, which can be found here: https://dam.assets.ohio.gov/image/upload/transfercredit.ohio.gov/files/transfer/pathways/WSUN_ComputerScienceBA.pdf

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.

REMAINING COURSEWORK TO COMPLETE BACHELOR'S DEGREE		Course Number	Credit Hours
Wright State Core Element 1 Communication:	Technical Communications for Engineers and Computer Scientists	EGR 3350	3
Wright State Core Element 3 Global Traditions:	Technology and Society	CS 1000	3
Required Computer Science Courses:	Comparative Languages	CS 3180	3
Required Computer Science Courses:	Logic for Computer Scientists or Theoretical Foundations of Computing	CS 2210 or CS 3200	3
Required Computer Engineering Courses:	Operating System Concepts and Usage	CEG 2350	4
Required Computer Engineering Courses:	Computer Organization	CEG 3310	4
Required Computer Engineering Courses:	Introduction to Software Engineering	CEG 4110	3
Required Computer Engineering Courses:	Operating System Internals and Design	CEG 4350	3
Required Computer Engineering Courses:	Team Projects I	CEG 4980	3
Required Computer Engineering Courses:	Team Projects II	CEG 4981	3
CS/CEG Electives:	Upper-Level CS/CEG Courses (At least 15 hours must be at the 4000 level)	Varies	21
Mathematics and Statistics Courses:	Applied Statistics I or Statistics for Engineers	STT 3600 or ISE 2211	3
General Electives:	General Electives	Varies	0-4
REMAINING COURSEWORK TO COMPLETE BACHELOR'S DEGREE TOTAL:[2]			56-60

Advising Notes:
[1] Wright State University requires a total of 120 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.

COMPLETE BACHELOR'S DEGREE	Total Credit Hours
BACHELOR'S DEGREE TOTAL:	120

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SPECIAL NOTES

For more information, please contact:
Department of Computer Science and Engineering
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(937) 775-5131
https://engineering-computer-science.wright.edu/computer-science-and-engineering

SAMPLE DEGREE MAP

THIRD YEAR

SEMESTER 5

Course Name & Number	Credit Hours
CEG 2350 Operation Systems Concept and Usage	4
CEG 3310 Computer Organization	4
CS 1000 Technology and Society	3
ISE 2211 Statistics for Engineers or STT 3600 Applied Statistics I	3
Total Semester 5 Credit Hours	14

SEMESTER 6

Course Name & Number	Credit Hours
CEG 4350 Operating System Internals and Design	3
CEG/CS 3000-level Technical Elective	3
CEG/CS 3000-level Technical Elective	3
CS 2210 Logic for Computer Scientists or CS 3200 Theoretical Foundations of Computing	3
EGR 3350 Technical Communications for Engineers and Scientists	3
Total Semester 6 Credit Hours	15

FOURTH YEAR

SEMESTER 7

Course Name & Number	Credit Hours
CEG 4110 Introduction to Software Engineering	3
CEG 4980 Team Projects I	3
CEG/CS 4000-level Technical Elective	3
CEG/CS 4000-level Technical Elective	3
General Elective Credit	0-4
Total Semester 7 Credit Hours	12-16

SEMESTER 8

Course Name & Number	Credit Hours
CEG 4981 Team Projects II	3
CEG/CS 4000-level Technical Elective	3
CEG/CS 4000-level Technical Elective	3
CEG/CS 4000-level Technical Elective	3
CS 3180 Comparative Languages	3
Total Semester 8 Credit Hours	15