

Transfer Guide

Sinclair College

Wright State University

College of Engineering and Computer Science
Department of Computer Science & Engineering

Associate of Technical Study

Bachelor of Arts

COMPUTER SCIENCE

Sinclair College Courses		Wright State University Courses	
Core	Credit Hours	Credit Hours	
ENG 1101 English Composition I*	3	3	ENG 1100 Academic Writing & Reading
COM 2211 Effective Public Speaking	3	3	Additional Core COM 1010
Ohio Transfer Module Math	Credit Hours	Credit Hours	
MAT 2160 Calculus for Business & Economics	5	4	MTH 2240 Applied Calculus or MTH 2280 Business Calculus
Ohio Transfer Module Social & Behavioral Science	Credit Hours	Credit Hours	
ECO 2160 Principles of Macroeconomics	3	3	WSU Core Social Science
Ohio Transfer Module Arts & Humanities	Credit Hours	Credit Hours	
HIS 1111 Western Civilization I or HIS 1112 Western Civilization II	3	3	WSU Core Arts & Humanities History
Associate of Technical Study Concentration	Credit Hours	Credit Hours	
CIS 1111 Introduction to Problem Solving & Computer Programming	3	3	General Elective
CIS 2212 Java Software Development I*	3	4	CS 1180 Computer Science I
CIS 2217 Java Software Development II*	3	4	CS 1181 Computer Science II
CIS 2550 Linux Operating Systems and CIS 1107 Introduction to Operating Systems	3+3	4	CEG 2350 OS Concepts & Usage
CIS 1130 Network Fundamentals	3	3	CEG 2400 Intro to PC Networking
CIS 1350 Web Site Development with HTML & CSS	3	3	CS 2800 Web Design Fundamentals
CIS 2165 Database Management	3	3	Technical Elective
CIS 2268 Introduction to Oracle	3	3	CS 3700 Intro to Oracle/SQL Database
CIS 2207 Algorithms & Data Structures with Java	3	3	CS 3100 Data Structures & Algorithms
Associate of Technical Study Related Electives	Credit Hours	Credit Hours	
MAT 2570 Discrete Math*	4	4	MTH 2570 Discrete Math for Computing or CS2200 Discrete Struct & Algorithms
MAT 2170 Business Statistics I	4	4	STT 1600 Statistical Concepts
Ohio Transfer Module Natural Science	4	4	WSU Core Natural Science
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Total Hours	63	62	

All Students must earn a minimum of 30 hours in residence at Wright State to complete a baccalaureate degree

*Must earn a minimum grade of C

Students may need to complete additional course work as required by the degree program then in effect. To earn the BACS degree, students must meet the current graduation requirements.

Wright State University Bachelor of Arts in Computer Science Degree

WSU Core Communications	EGR 3350 Tech Communication for Engineers and Scientists or /ebg 2140 Research, Technical Writing and Presentation for Scientists & Engineers	3
WSU Core Mathematics	Complete	
WSU Core Global Traditions	CS 1000 Technology and Society	3
WSU Core Arts/Humanities	1 course	3
WSU Core Social Science	1 course	3
WSU Core Natural Science	Complete	
WSU Core Additional Core	Complete	
Required Computer Science	Complete	
Required Computer Engineering	CEG 3310 Computer Organization	4
	CEG 3120 Intro to the Design of Inf Tech Systems	3
	CEG 4410 Intro to Software Engineering	3
CS/CEG Technical Electives	2000/3000 level	6
	4000 level	15
Quantitative Reasoning	Complete	
General Electives		15