



## Computer Science, B.A., Transfer Program

Students who complete an ATS degree at Sinclair Community College may transfer into the Bachelor of Arts degree in Computer Science at Wright State University. Students should verify their satisfactory academic progress (SAP) requirements with the financial aid office before pursuing classes outside of their associates.

### Admission Requirements to the Computer Engineering Program at Wright State

1. Cumulative GPA of 2.25
2. Grade "C" or better in, ENG 1101, CIS 2212, CIS 2217, & MAT 2570

This agreement will expire two years from date of signature. Please note, requirements are subject to change. Contact a Wright State advisor in your major at least once a year to verify current requirements.

*Thomas Sudkamp* 7/16/16

Dr. Thomas Sudkamp  
Provost  
Wright State University

Date

*David L. Collins* 7.22.16

Dr. David L. Collins  
Provost  
Sinclair College

Date



Department of Computer Science and Engineering

Baccalaureate Completion Program: The following tables show the requirements of the A.T.S. degree at Sinclair Community College and how the courses will transfer to the Bachelor of Arts degree in Computer Science at Wright State University.

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

\*Must earn a minimum grade of C

<b>WSU Courses to complete BACS degree *</b>	<b>Cr</b>
<b>Core</b>	<b>12</b>
Element I, ENG 2140 Research, Technical Writing and Presentation for Scientists & Engineers (Or EGR 3350 Technical Communication for Engineers and Computer Scientists)	
Element III, CS 1000 Technology and Society	
Element IV, Arts or Humanities, 1 course	
Element V, Social Science, 1 additional course	
<b>CS/CEG Major Courses</b>	<b>31</b>
CEG 3310 Computer Organization	4
CEG 3120 Intro to Design of Tech Systems	3
CEG 4410 Intro to Software Engineering	3
CS/CEG Technical Electives - 2000 level or higher (may take at SCC)	6
CS/CEG Technical Electives - 4000 level	15
<b>General Electives (may take at Sinclair)</b>	<b>15</b>
<b>Total Hours Needed to complete Program</b>	<b>58</b>