



Saint Paul College
Approved Courses for Computer Science Transfer Pathway (AS)

This guide is intended for students completing the Computer Science AS Transfer Pathway. Students who do not intend to complete the 60 credit program should refer to our Transfer Guide for Saint Paul Community College at <http://web.augsburg.edu/registrar/transfer/guides/stpaul.pdf>.

The table below lists the Saint Paul courses that have approved equivalencies at Augsburg University or fulfill requirements for the B.S Computer Science major and general graduation requirements.

Saint Paul Course	Augsburg University	
ENGL 1711 and 1712 Composition 1 and 2	6	ENL 111 Effective Writing
COMM 1710 Fundamentals of Public Speaking	3	COM 111 Public Speaking
<i>Required courses for AS degree:</i>		
CSCI 1410 Computer Science/Information CSCI 1523 Intro Computing and Programming CSCI 1524 Intro Algorithms/Data Structures CSCI 1533 ANSI C Language Programming CSCI 1541 Java Programming CSCI 2460 Discrete Structures of Computer Science CSCI 2469 Advanced Programming Principles CSCI 2570 Machine Architecture/Organization MATH 2749 Calculus 1	34	CSC elective credit CSC 160 Intro to Computer Science CSC 210 Data Structures CSC elective credit CSC 170 Introduction to Programming MAT 171 Discrete Mathematics CSC 2XX elective credit CSC 345 Principles Computer Organization MAT 145 Calculus I
<i>Complete 17 general credits from at least 6 goal areas:</i> Goal area 3: PHYS 2700 w/lab* Goal area 4: MATH 2750* Goal area 5: PSYC 1710 and SOCI 1710 Goal area 6: Choose 1 ART, MUSC, or THTR introduction course Goal area 7-10: Choose one course any goal area	17	PHY 121/Natural Science requirement MAT 146/major requirement Social and Behavioral Science requirement Fine Arts requirement Transfer elective credit
Total credits for AS degree	60	*recommended for Augsburg

		<i>Remaining courses to complete Augsburg Computer Science B.S. degree:</i>
	44	<i>Major requirements:</i> CSC 320 Algorithms CSC 385 Formal Logic/Computation Theory CSC 450 Programming Languages MAT 271 Discrete Mathematical Structures <i>Choose one:</i> CSC 240 Information Security and Assurance CSC 272 Unix and C <i>Choose one User-client course:</i> CSC 352, 396, or 395 <i>Choose one semester-long project:</i> CSC 443, 451, 395, or MIS 476 Choose two electives: CSC 200+, MAT 355, or PHY 261 <i>Choose one elective for computing with data:</i> MAT 213, MIS 270, MAT 145, or 271 <i>Choose one:</i> MAT 146*, 246, or 304 <i>Choose one MAT elective:</i> 163, 164, or 200+ *may transfer in
	4	Choose 1 Keystone course
	0-4	Augsburg Experience
	8-16	<i>Remaining Augsburg graduation requirements:</i> RLN 100 Search for Meaning WEL 100 Foundations of Wellness Remaining LAF requirements (1-3 courses)
	4-12	Elective credits
	68	Total credits completed at Augsburg
	128	Final credit count for Augsburg B.S. degree

Refer to the [current catalog](#) for more information. For information about the educational opportunities available at Augsburg, please contact **Augsburg Transfer Admissions**.

E-mail: transfer@augsborg.edu

Phone: (612) 330-1001

<http://www.augsburg.edu/transfer/>

Students pursuing a B.A. degree in Computer Science, MIS, or other Computer Science major will have variations in the required course work at Augsburg. Please consult with an Augsburg transfer specialist for more details.