AUGSBURG UNIVERSITY®

Anoka-Ramsey Community 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 Anoka-Ramsey Community College at http://web.augsburg.edu/registrar/transfer/guides/arcc.pdf.

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

Anoka-Ramsey Course		Augsburg University
ENGL 1121 College Reading and Critical Writing	4	ENL 111 Effective Writing
CMST 2215 Public Speaking	3	COM 111 Public Speaking (LAF)
Required courses for AS degree: CSCI 1101 Intro to Computing/Problem Solving CSCI 1106 Fundamentals of Computer Science I CSCI 1107 Fundamentals of Computer Science II CSCI 2021 Machine Architecture/Organization CSCI 2100 Discrete Mathematics MATH 1400 Calculus 1	24	CSC 160 Intro to Computer Science CSC 170 Intro to Programming (Both CSCI 1106 and 1107 must be completed) CSC 345 Principles of Computer Organization MAT 171 Discrete Mathematics MAT 145 Calculus I
Choose additional 11 credits: CNET 2101 Introduction to Networks* CSCI 1115 Visual Basic Programming CSCI 1125 Object-Orientated Program w/Java CSCI 1155 Intro Functional Language CSCI 2253 Assembly Language Programming ENGR 2218 Digital Logic MATH 1201 College Algebra II w/Trigonometry MATH 1210 Pre-Calculus MATH 1401 Calculus II*	11	CSC 240 Intro Networking/Communications Transfer credit CSC 170 Intro to programming CSC 2XX level elective CSC 2XX level elective Transfer credit MAT 114 Pre-calculus MAT 114 Pre-calculus MAT 146 Calculus II
Complete 18 general credits from at least 4 goal areas: Goal area 3: Choose 1 science course with a lab Goal area 5: PSYC 1110* and SOC 11118 Goal area 6: Choose 1 ART, MUSC or THTR introduction course* or PHIL 1101 Goal area 7-10: Choose one course any goal area	18	Natural Science/Math requirement Social and Behavioral Science requirement Fine Arts* or Humanities requirement Transfer elective credit

Total credits for AS degree	60	*recommended for Augsburg
		Remaining courses to complete Augsburg BS degree:
	36-48	*Major requirements*: CSC 210 Data Structures CSC 320 Algorithms CSC 385 Formal Logic/Computation Theory CSC 450 Programming Languages MAT 271 or approved MAT elective from list *Choose one:* CSC 240 Information Security and Assurance* CSC 272 Unix and C *Choose one User-client course*: CSC 352, 396, or 395 *Choose one semester-long project*: CSC 443, 451, 395, or MIS 476 *Choose two electives*: CSC 200+*, MAT 355, PHY 261, or MAT elective from 213, 272, 270 *Choose one*: MAT 146*, 246 or 304 *Choose one MAT elective*: 163, 164, or 200+ *may transfer in
	0-4	Augsburg Experience
	5-13	*Remaining Augsburg graduation requirements:* RLN 100 Search for Meaning WEL 100 Foundations of Wellness Remaining LAF requirements (0-8 credits)
	3-27	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 www.augsburg.edu/catalog. For information about the educational opportunities available at Augsburg, please contact **Augsburg Transfer Admissions**.
E-mail: transfer@augsburg.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.

Students must receive a C- or better for the course to transfer.