College of Southern Maryland/Old Dominion University
2020-2021 Catalog
ASSOCIATES DEGREE TRANSFER PROGRAM PATHWAY
Associate of Science in Computer Science to
Bachelor of Science in Computer Science

CSM A.S. degree in Computer Science				ODU B.S. in Computer Science			
***Major courses-all require a grade of C or better**				**Major**			
ENG	1010	Composition and Rhetoric*	3	ENGL	110C	English Composition I	3
MTH	1200	Calculus I and Analytic Geometry*	4	MATH	211	Calculus I	4
CSC	1110	Program Design and Development	3	CS	1ELE	CS Elective	3
PHY	1010/1010L	Fundamentals of Physics 1 with Lab*	4	PHYS	111N	Introductory General Physics 1	4
PHY	1020/1020L	Fundamentals of Physics 2 with Lab*	4	PHYS	112N	Introductory General Physics 2	4
MTH	1210	Calculus II*	4	MATH	212	Calculus II	4
ENG	1020	Composition & Literature*	3	ENGL	211C	English Composition II	3
CSC	2591	Computer Science I*	4	CS	1ELE	Elective	4
SOC	1010	Intro to Sociology	3	SOC	201S	Intro to Sociology	3
CSC	2740	Data Structures and Algorithms*	4	CS AND GNRL	361 AND 1ELE	Data Structure and Algorithms AND General Elective	3 & 5
CSC	2592	Computer Science II*	4				
CSC	2750	Computer Architecture*	4	CS	170	Intro to Computer Architecture I	3
PHL	1010	Introduction to Philosophy	3	PHIL	110P	Intro to Philosophy	3
COM	1010 or 1650	Basic Principles of Speech Communication* or Introduction to Public Speaking*	3	COMM	101R	Public Speaking	3
CSC	1390	Programming Concepts for Engineering (Recommended Technical Elective 2)*	4	CS	150	Problem-Solving and Programming I	4
PSY	1010	General Psychology	3	PYSC	201S	Intro to Psychology	3
MTH	2220	Linear Algebra	3	MATH	316	Introductory Linear Algebra	3
ENG	2010	English Literature 1 (Recommended Technical Elective)	3	LIT	1REQ	Literature Way of Knowing	3
Total Credits for Associates Degree			**63**	**Transfer Credits to ODU**			**62**

Additional courses to meet lower division departmental requirements at ODU				Additional Major Requirements			
HST	1031 or 1032	US History (to 1877 or from 1877)	3	HIST	104H	Interpreting the American Past	3
BIO	1060/L	Principles of Biology I with Lab	4	BIOL	121N	General Biology 1	4
BIO	1070/L	Principles of Biology II with Lab	4	BIOL	122N	General Biology 2	4
Total Additional Credits			**11**	**Additional Transfer Credits**			**11**
Total Credits at CSM			**74**	**Total Transfer Credits**			**73**

*A grade of C or better is required for credits to transfer to ODU (departmental requirement not automatically satisfied by the articulated transfer pathway)

To participate in this articulated transfer pathway, please visit Old Dominion University's website to complete the electronic Letter of Intent:
https://itsapps.odu.edu/gaat/
Students may complete the Letter of Intent after 15 credits at CSM with a 2.5 GPA.

Completion of this articulated transfer pathway alone does not guarantee admission to Old Dominion University. All students must meet the requirements set by the Office of Admissions and the MOU established for guaranteed admission with the College of Southern Maryland. Please review this document for more information.

			Additional Requirements - ODU	
	CS	250	Problem Solving and Programming II	**
	CS	252	Introduction to Unix for Programmers	1
	CS	381	Introduction to Discrete Structures	3
	CS	330	Object Oriented Programming Design	3
	CS	361	Advanced Data Structures and Algorithms	3
	CS	300T	Computers in Society	3
	CS	350	Introduction to Software Engineering	3
	STAT	330	Introduction to Probability and Statistics	3
	CS	390	Introduction to Theoretical Computer Science	3
	CS	410	Professional Workforce Development I - Capstone course	3
	CS	355	Principles of Programming Languages	3
	CS	411W	Professional Workforce Development II Capstone Course	3
	CS	417	Computational Methods and Software	3
	CS	471	Operating Systems	3
	CS	3/4XX	Computer Science Electives (300-400 level)	9
			Upper-level General Education	6
	Total Credits to be Taken at ODU			52

Total Credits from CSM	73
Credits to be Taken at ODU	52
Total Credits for B.S. Degree at ODU	125

**Students will need to complete and pass CS 250 departmental exam upon transferring to earn credit.

Rodney Redmond
Rodney Redmond (Jun 27, 2021 21:11 EDT)   Jun 27, 2021

Signature   *Date*
Dr. Rodney Redmond
Provost and Vice-President of Learning
College of Southern Maryland

Brian Payne   6/25/2021

Signature   *Date*
Dr. Brian Payne
Vice Provost, Academic Affairs
Old Dominion University