

ASSOCIATE IN COMPUTER SCIENCE - SOFTWARE DEVELOPMENT TRACK

Courses by Quarter

In planning this degree students need to work closely with their faculty advisor and the transfer institution so that the science credits within the degree create a seamless passage to the transfer institution. Although the Computer Science DTA/MRP degree transfers to four-year colleges and universities in Washington State, it may not meet specific department requirements. Based on placement testing or self-placement, students may need to complete basic skills and/or pre-college English and mathematics. Often, pre-college courses are prerequisites for college-level courses that are necessary for graduation. *Students who do not test, place, or transfer into MATH& 151 (Calculus I) will need to take precalculus (MATH& 141 and/or MATH& 142) as part of preparatory/pre-college work for this degree. To earn an Associate in Computer Science DTA/MRP degree, all courses taken must be:

- At college level (numbered 100 or above).
- A class can only count once toward General Education requirements. For example, IIS 125 will satisfy either HUMANITIES or SOCIAL SCIENCE course requirements, but not both.
- A cumulative grade point average of 2.0 or above in all college-level courses required.
- Although this degree is a general transfer degree, South Puget Sound Community College has provided pathways and associated recommended courses for ease of student selection based upon a student's career interest. Please review the pathway maps for recommended courses and course sequences.

Courses by Quarter

Code	Title	Credits
Quarter 1		
Transition Studies		
Quarter 2		
AMATH 097	Corequisite Intermediate Algebra	7
ENGL 090	Integrated Reading and Writing I	5
or ENGL 095	Integrated Reading and Writing II	
CCS 101	Pathways to Success	3
Quarter 3		
AMATH 141	Corequisite Precalculus I ¹	8
ENGL 098	Transitional English Composition	5
or ENGL& 101	English Composition I	
Select one of the following:		
CMST& 210	Interpersonal Communication: Diversity	5
CMST& 230	Small Group Communication: Diversity	
CMST& 240	Intercultural Communication: Diversity	
Quarter 4		
MATH& 142	Precalculus II	5
CIS 160	Desktop Application Development	
CIS 182	SQL Fundamentals	5

Quarter 5		
ENGL& 235	Technical Writing	
CIS 166	Programming Business Objects	
CIS 282	SQL Programming	5
Quarter 6		
MATH& 146	Introduction to Statistics	5
PHIL& 115	Critical Thinking	5
CIS 185	HTML, CSS, Javascript	
Quarter 7		
CS 142	Object-Oriented Programming I	5
CIS 266	Introduction to Business Applications	
Select one of the following:		
ECON& 201	Micro Economics	5
POLS& 202	United States Government	
POLS& 203	International Relations	
Quarter 8		
CS 143	Object-Oriented Programming II	5
PHIL& 120	Symbolic Logic	5
Select one of the following:		
ENVS& 100	Survey of Environmental Science	5
ENVS 102	Climate Change & Society	
ENVS 203	Climate and Energy Solutions	

¹ Some students may place directly into MATH& 141.