

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: | | 5 |
| CMST& 210 | Interpersonal Communication: Diversity | |
| CMST& 230 | Small Group Communication: Diversity | |
| CMST& 240 | Intercultural Communication: Diversity | |
| Quarter 4 | | |
| MATH& 142 | Precalculus II | 5 |
| CIS 160 | Desktop Application Development | 5 |
| CIS 182 | SQL Fundamentals | 5 |

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

¹ Some students may place directly into MATH& 141.