

# ASSOCIATE IN COMPUTER SCIENCE - SOFTWARE DEVELOPMENT TRACK

## Pathway Maps

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 required and recommended courses.

| Computer Science  |  |  |  |   |  |  |  |
|---|--|--|--|---|--|--|--|
| Associate in Computer Science: Software Development track |  |  |  |   |  |  |  |
| 93 credits  |  |  |  |   |  |  |  |
| Qtr. 1  | Qtr. 2   | Qtr. 3   | Qtr. 4   | Qtr. 5  | Qtr. 6   | Qtr. 7   | Qtr. 8   |
| Transition Studies  | AMATH 097 (3cr)<br>Corequisite Intermediate Algebra<br><br>Includes 990/991/992/993/994/995/996/997/998/999<br>MATH 096<br>MATH 097  | AMATH 141 (3cr)<br>Corequisite Precalculus I<br><br>Includes 990/991/992/993/994/995/996/997/998/999<br>MATH 099<br>*MATH 141<br><br>*Some students may place directly into MATH 142   | MATH 142 (3cr)<br>Pre-Calculus II                                      | ENGL 235 (3cr)<br>Technical Writing                               | (Computation required)<br>MATH 146 (3cr)<br>Introduction to Statistics | CS 142 (3cr)<br>Object-Oriented Programming I<br>Fall, Winter only   | CS 143 (3cr)<br>Object-Oriented Programming II<br>Winter, Spring only  |
|   | ENGL 090 (3cr)<br>Integrated Reading and Writing<br>ENGL 091 (3cr)<br>Integrated Reading and Writing I<br>ENGL 092 (3cr)<br>Integrated Reading and Writing II  | ENGL 093 (3cr)<br>Transition English Composition<br>ENGL 101 (3cr)<br>English Composition I  | CS 160 (3cr)<br>Desktop Application Development<br>Winter, Spring only | CS 166 (3cr)<br>Programming Business Objects<br>Spring, Fall only | PHIL 115 (3cr)<br>Critical Thinking<br>Fall only                       | CS 266 (3cr)<br>Intro to Business Applications<br>Winter only  | (Humanities required)<br>PHIL 120 (3cr)<br>Symbolic Logic<br>Spring only   |
| CS 101 (3cr)<br>Pathways to Success                       | Choose One (3cr):<br>(Humanities Diversity, recommended)<br>CMST 210 (3cr)<br>Interpersonal Communication<br>Diversity<br>CMST 230 (3cr)<br>Small Group Communication<br>Diversity<br>CMST 340 (3cr)<br>Intercultural Communication<br>Diversity | Choose One (3cr):<br>(Humanities Diversity, recommended)<br>CMST 210 (3cr)<br>Interpersonal Communication<br>Diversity<br>CMST 230 (3cr)<br>Small Group Communication<br>Diversity<br>CMST 340 (3cr)<br>Intercultural Communication<br>Diversity | CS 182 (3cr)<br>SQL Fundamentals<br>Winter, Spring only                | CS 282 (3cr)<br>SQL Programming<br>Spring, Fall only              | CS 185 (3cr)<br>HTML, CSS, JavaScript<br>Fall only                     | Choose One (3cr):<br>(Social Science, recommended)<br>ECON 201 (3cr)<br>Micro-Economics<br>POL 202 (3cr)<br>United States Government<br>POL 203 (3cr)<br>International Relations | Choose One (3cr):<br>(Natural Science, recommended)<br>ENVS 100 (3cr)<br>Survey of Environmental Science<br>ENVS 102 (3cr)<br>Climate Change & Society<br>ENVS 200 (3cr)<br>Climate and Energy Solutions |