

SOFTWARE DEVELOPMENT (AAS)

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.

Software Development Pathway Map: Fall Start
Associate in Applied Science
93 Credits

Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4	Qtr. 5	Qtr. 6	Qtr. 7	Qtr. 8
Transition Studies	CIS 101 (3cr) Pathways to Success	CIS 110 (3cr) Programming Fundamentals Fall and Winter	CIS 160 (3cr) Desktop Application Development Winter and Spring	CIS 166 (3cr) Programming Business Objects Spring and Fall*	CIS 169 (3cr) Requirements Analysis Fall only	CIS 235 (3cr) Rich Internet Applications Winter only	CIS 245 (3cr) Business Information Systems Spring only
	ENGL 090 (3cr) Integrated Reading and Writing I ENGL 095 (3cr) Integrated Reading and Writing II	ENGL 098 (3cr) Transitional English Compositions ENGL 101 (3cr) English Composition I	CIS 182 (3cr) SQL Fundamentals Winter and Spring	CIS 282 (3cr) SQL Programming Spring and Fall*	CIS 185 (3cr) HTML, CSS, JavaScript Fall only*	CIS 266 (3cr) Introduction to Business Applications Winter only	CIS 269 (3cr) Software Maintenance Spring only
	Choose one: (3cr) MATH 092 (3cr) Mathematical Reasoning ABE 005 Communicated Math II	CMATH 146 (7cr) CLIPPERS Introduction to Probability and Statistics** Includes ability to complete: MATH 095 MATH 096 MATH 146 *some students may place directly into MATH 146	Choose One (3cr): (Human Relations/Diversity, Recommended) CMST 110 Interpersonal Communication: Diversity CMST 240 Intercultural Communication: Diversity PSYC 116 Psychology of Human Relations: Diversity	CIS 195 (3cr) Intro to Cloud Computing Spring only	CIS 218 (3cr) PowerShell, Cybersecurity, Ethics Fall only	CIS 287 (3cr) Mobile Application Development Winter only	CIS 284 (3cr) Web Application Development Spring only

* For 2024-2025, courses are on a modified schedule while we switch completely over to teaching the new course sequence. For 2024-2025 only, the following courses are offered: CIS 166 Spring only, CIS 185 Summer only, CIS 282 Spring only.

Software Development Pathway Map: Winter Start
Associate in Applied Science
93 Credits

Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4	Qtr. 5	Qtr. 6	Qtr. 7	Qtr. 8
Transition Studies	CIS 101 (3cr) Pathways to Success	CIS 110 (3cr) Programming Fundamentals Fall and Winter	CIS 160 (3cr) Desktop Application Development Winter and Spring	CIS 166 (3cr) Programming Business Objects Spring and Fall*	CIS 185 (3cr) Rich Internet Applications Winter only	CIS 245 (3cr) Business Information Systems Spring only	CIS 169 (3cr) Requirements Analysis Fall only
	ENGL 090 (3cr) Integrated Reading and Writing I ENGL 095 (3cr) Integrated Reading and Writing II	ENGL 098 (3cr) Transitional English Compositions ENGL 101 (3cr) English Composition I	CIS 182 (3cr) SQL Fundamentals Winter and Spring	CIS 282 (3cr) SQL Programming Spring and Fall*	CIS 266 (3cr) Introduction to Business Applications Winter only	CIS 269 (3cr) Software Maintenance Spring only	CIS 218 (3cr) PowerShell, Cybersecurity, Ethics Fall only
	Choose one: (3cr) MATH 092 (3cr) Mathematical Reasoning ABE 005 Communicated Math II	CMATH 146 (7cr) CLIPPERS Introduction to Probability and Statistics** Includes ability to complete: MATH 095 MATH 096 MATH 146 *some students may place directly into MATH 146	CIS 195 (3cr) Intro to Cloud Computing Spring only	CIS 185 (3cr) HTML, CSS, JavaScript Fall only*	CIS 287 (3cr) Mobile Application Development Winter only	CIS 284 (3cr) Web Application Development Spring only	Choose One (3cr): (Human Relations/Diversity, Recommended) CMST 110 Interpersonal Communication: Diversity CMST 240 Intercultural Communication: Diversity PSYC 116 Psychology of Human Relations: Diversity

* For 2024-2025, courses are on a modified schedule while we switch completely over to teaching the new course sequence. For 2024-2025 only, the following courses are offered: CIS 166 Spring only, CIS 185 Summer only, CIS 282 Spring only.