

SOFTWARE DEVELOPMENT - ASSOCIATE OF APPLIED SCIENCE DEGREE (AAS)

Explore More About This Program: <https://cwi.edu/program/software-development>

Plan of Study Guide: Fall or Spring Start ¹

The course sequence listed below is strongly recommended in order to complete your program requirements. Many Career and Technical Education (CTE) courses have prerequisites and/or corequisites that have been accounted for within this Plan of Study Guide. Please register for your major requirements each semester as shown below using the Student Planning tool in myCWI. Consult your Student Success Advisor for any questions regarding this plan.

NOTE: The required general education courses may be completed during any semester the student prefers, including summer semesters.

First Year

Fall		Credit Hours
SWDV 120	Introduction to Programming	3
SWDV 125	Intermediate Programming	3
SWDV 130	Introduction to Web Application Development	3
SWDV 135	Web Styling	3
<u>GEM 2 - Oral Communication course</u>		3
Total Semester Credit Hours		15

Spring

SWDV 140	Intermediate Web Application Development	4
SWDV 143	Client-Side Frameworks	4
SWDV 152	Systems Analysis and Design	4
<u>GEM 1 - Written Communication course</u>		3
Total Semester Credit Hours		15

Second Year

Fall		Credit Hours
PSYC 140	Human Relations for Career and Personal Success (GEM 6)	3
SWDV 210	Introduction to Server-Side Programming	4
SWDV 220	Fundamentals of Database Systems	4
SWDV 235	Advanced Web Application Development	4
<u>GEM 3 - Mathematical Ways of Knowing course</u>		3
Total Semester Credit Hours		18

Spring

COMM 259	Communicating Through Web Design (GE Elective)	3
SWDV 265	Mobile Development	4
SWDV 271	Game Development	4
SWDV 280	Collaborative Development	3
SWDV 293	Software Development Internship	1-3
Total Semester Credit Hours		15
Minimum Credit Hours Required		63

¹ This program can be started in either the fall or spring semester. The same course sequence should be followed for the major requirements, regardless of which semester you begin the program.