What can you do with an Information Systems major from SPU?

The BS in Information Systems teaches you to deal with all aspects of organizational technology — from deciding information requirements or supporting existing systems to specifying, designing, and implementing new systems.

Potential occupations include:

- Business Applications Analyst
- Database Administrator
- Help Desk Technician
- Quality Assurance Analyst
- Computer Programmer/Analyst
- Database Engineer
- MIS Director/Specialist
- Technical Writer
- Computer Software Engineer
- Data Processing Supervisor
- Operations Research Analyst
- Web Developer

Suggested transfer preparation at Edmonds Community College

Associate in Arts (AA-DTA). Transfer students who have taken Java, rather than C++, are required to take CSC 2330 in their first quarter at SPU.

Courses in the major you may complete at Edmonds Community College

Edmonds Community College Courses	Equivalent SPU Courses
CS& 131 Computer Science I C++ (5)	CSC 1230 Problem Solving & Programming (5)
CS 132 Computer Science II C++ (5)	CSC 2430 Data Structures I (5)
CS 133 Computer Science III C++ (5)	CSC 2431 Data Structures II (5)
MATH& 148 Business Calculus (5)	MAT 1221 Survey of Calculus (5)
MATH& 146 Introduction to Statistics (5)	MAT 2360 Intro to Stats for Sciences (5)
Consider taking the following course: CIS 234 Systems Design and Development (5)	CSC 3150 Systems Design (5) *

Note: *Only courses with a regular grade of 1.7 (C-) or higher may count toward a major or minor.*
***Indicates** that this course transfers as lower-division credit for the equivalent SPU course.*

Admission to the major

If you identify the Information Systems major as your first choice on your application for admission to the University, you will automatically gain entry to the major when admitted to SPU.

Learn more about the Information Systems major at:

http://spu.edu/computer-sci-engineering
http://spu.edu/information-systems-reqs

Get more information about transfer admission to Seattle Pacific University at http://spu.edu/transfer.
Questions? Contact transfer@spu.edu.

Courses to complete at SPU

Course
MAT 1720 Math for Computer Science (5)
CSC 3000 Principles of Professional Practice (1)
CSC 3011 Living in a Digital World (3)
CSC 3150 Systems Design (5) *
CSC 3220 Applications Programming (4)
CSC 3221 Netcentric Computing (4)
BUS 3614 Organizational Behavior for Managers (5) **– or –** BUS 4644 Operations Management (5)
BUS 3620 Management Information Systems (5)
CSC 3750 Computer Architecture/Organization (5)
CSC 4151 Software Engineering I (3)
CSC 4152 Software Engineering II (3)
COM 4265 Organizational Communication (5)
CSC 4410 Database Management (5)
BUS 4625 Organization's Presence on the Net (5) **– or –** BUS 4650 Data Analytics and Visualization (5) **– or –** CSC 4750 Computer Networks (5)
CSC 4898 Senior Capstone Seminar (2)
CSC 4941 CSC Internship Review (1)

If not taken prior to transfer.

Other requirements for the degree

In addition to the major, the degree requires completion of any remaining general education and University requirements, and at least 180 college-level credits total, including 60 upper-division (UD) credits.

All students must complete the University Foundations Requirement at SPU – even those who have completed the Direct Transfer Agreement (DTA) Associate Degree.

Students admitted with fewer than 90 credits (freshmen and sophomores) complete 15 credits:
UFDN 1000 The Christian Faith (5)
UFDN 2000 Christian Scriptures (5)
UFDN 3100 Christian Theology (5)

Students admitted with 90 credits or more (juniors and seniors) complete 10 credits:
UFDN 3001 Christian Scriptures (5)
UFDN 3100 Christian Theology (5)

Suggested course plan for your junior and senior years at SPU

Assumes junior standing at entrance, and successful completion of the DTA, including the following courses prior to transfer: CS& 131; CS 132 and 133; and MATH& 146 and 148. Students may transfer to SPU without first completing the DTA, however time to degree may be extended.

Junior Year			
Autumn	**Winter**	**Spring**	**Notes**
• MAT 1720 (5) -- or take this in winter. • CSC 3000 (1) • BUS 3620 (5) -- or take this in the spring. • + credits to total 15 – 18	• MAT 1720 (5) -- if not taken in autumn. • CSC 3220 (4) • + credits to total 15 – 18	• CSC 3221 (4) • BUS 3150 (5)—if not completed at Edmonds • BUS 3620 (5) -- if not taken in autumn. • + credits to total 15 – 18	• Students are required to complete 200+ internship hours – this can be done any time this year, but usually take place over the summer between your junior and senior years.
Any Quarter Offered: • BUS 3614 (5) or 4644 (5). • UFDN, general education, and University requirements.			
Senior Year			
Autumn	**Winter**	**Spring**	**Notes**
• COM 4265 (5) • CSC 4898 (2) • + 8 – 11 credits	• CSC 3011 (3) • CSC 3750 (5) • CSC 4151 (3) • CSC 4410 (5) • CSC 4941 (1) • + 0 – 1 credit	• CSC 4152 (3) • + 12 – 15 credits	• Be sure to have completed 180 college-level credits, with at least 60 being upper division (UD), numbered 3000 – 4999.
Any Quarter Offered • 5 credits from: BUS 4625 (offered in autumn only) **or** BUS 4650 **or** CSC 4750 (offered every other year). • Remaining electives, UFDN, general education, and University requirements.			