SEATTLE PACIFIC UNIVERSITY

BS in Information Systems

2019-20

What can you do with a BS in Information Systems 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
- Computer Programmer/Analyst
- Computer Software Engineer
- Database Administrator
- Database Engineer
- Data Processing Supervisor
- Help Desk Technician
- MIS Director/Specialist
- Operations Research Analyst
- Quality Assurance Analyst
- Technical Writer
- Web Developer

Suggested Transfer Preparation at North Seattle College

Associate in Arts-Direct Transfer Agreement (AA-DTA) with careful selection of distribution courses and electives to complete the courses listed below. Transfers with Java rather than C++ take CSC 2330 in their first quarter at SPU.

Majors with similar requirements in first two years

BA in Computer Science

Courses in the major you may complete at North Seattle College

North Seattle College Courses	Equivalent SPU Courses
CSC 142 Computer Programming I (5)	CSC 1230 Problem Solving & Programming (5) if CSC 273 is also completed
CSC 143 Computer Programming II (5)	CSC 2430 Data Structures I (5) if CSC 273 is also completed
CSC 273 Data Structures Algorithms (5)	CSC 2431 Data Structures II (5)
MATH& 148 Business Calculus (5) **-or-** MATH& 151 Calculus I (5)	MAT 1221 Survey of Calculus (5) **-or-** MAT 1234 Calculus I (5)
MATH& 146 Introduction to Statistics	MAT 2360 Intro to Statistics for Sciences (5)

Consult with SPU Computer Science faculty for any additional Edmonds CC courses that transfer

Note: Completion of these courses is not required for transfer, but will aid in timely completion of your degree. Only courses with a regular grade of 1.7 (C-) or higher may count toward a major or minor.

Admission to the Major

Admission to this major is guaranteed for transfer students admitted to SPU. Once you begin classes at SPU, complete the Major Application form in the Banner Information System to formalize your acceptance to the major.

Learn more about the BS in Information Systems:
https://spu.edu/computer-sci-engineering
https://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 in the major to complete at SPU

CSC 2330 Data Structures and Programming (5)
CSC 3150 Systems Design (5)
CSC 3220 Applications Programming (3)
CSC 3221 Netcentric Computing (3)
CSC 3750 Computer Architecture/Organization (5)
CSC 4151 Software Engineering I (3)
CSC 4152 Software Engineering II (3)
CSC 4410 Database Management (5)
CSC 4898 Senior Capstone in CSC (2)
MAT 1720 Math for Computer Science (5)
CSC 3000 CSC Internship Preparation (1)
CSC 4941 Internship Review (1)
CSC 3011 Living in a Digital World (3)
BUS 3620 Management Info Systems (5)
BUS 3614 Org Behavior for Managers (5) **-or-** BUS 4644 Operations Management (5)
BUS 4625 Organization's Presence on Net (5) **-or-** BUS 4650 Data Analytics & Visualization (5) **-or-** CSC 4750 Computer Networks (5)
COM 4265 Organizational Communication (5)
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.

University Foundation Requirement

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 satisfactory completion of CSC 142, 143, and 273; MATH& 151 or 148; and MATH& 146 prior to transfer and junior standing when admitted to SPU.

Junior Year

AUTUMN	WINTER	SPRING	NOTES
• CSC 2330 (5) • CSC 3000 (1) • UFDN 3001 (5) • +credits to total 15-18	• CSC 3220 (3) • MAT 1720 (5) • +credits to total 15-18	• CSC 3011 (3) • CSC 3221 (3) • CSC 3150 (5) • +credits to total 15-18	• Complete at least 45 credits total this year • **Internship: 200+ hours** (usually in the summer between junior and senior years)
ANY QUARTER General Education, University Foundations and University Requirements as needed			

Senior Year

AUTUMN	WINTER	SPRING	NOTES
• BUS 3620 (5) • CSC 4410 (5) • CSC 4898 (2) • CSC 4941 (1) +credits to total 15-18	• CSC 4151 (3) • CSC 3750 (5) +credits to total 15-18	• CSC 4152 (3) • COM 4265 (5) +credits to total 15-18	• Be sure you take enough credits to total 180, with at least 60 numbered 3000-4999.
ANY QUARTER • BUS 4625 **or** BUS 4650 **or** CSC 4750 (5) • BUS 3614 **or** BUS 4644 (5) • Any remaining General Education and University Requirements			