What can you do with a BA in Computer Science from SPU?

The BA in Computer Science emphasizes problem-solving, organizing and synthesizing ideas, and applications of computing theory. It's a particularly good major if you wish to double-major or minor in another field. You'll graduate prepared to apply your computer knowledge and skills in a variety of occupational settings.

Potential occupations include:

- Computer Game Designer
- Database Administrator
- Internet Applications Programmer
- Programmer Analyst
- Quality Assurance Analyst
- Software Developer
- Software Engineer
- Systems Administrator
- Systems Analyst
- Technical Writer
- User Interface Designer
- Web Developer

Suggested Transfer Preparation at Edmonds Community College

Associate in Arts Direct Transfer Agreement (DTA) with careful selection of distribution courses and electives to complete the courses listed below. C++ is preferred but not required.

Majors with similar requirements in first two years

BS in Information Systems

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) **-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 additional Edmonds CC courses that transfer

Note: Completion of these courses is not required for transfer, but may 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 BA in Computer Science:
http://spu.edu/computer-sci-engineering
http://spu.edu/computer-science-ba-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 Requirement

CSC 3150 Systems Design (5)
CSC 3220 Applications Programming (3)
CSC 3221 Netcentric Computing (3)
CSC 3310 Concepts in Programming Languages (3)
CSC 3350 Operating Systems Programming (3)
CSC 3430 Algorithm Design & Analysis (3)
CSC 3750 Computer Architecture/Organization (5)
CSC 3011 Living in a Digital World (3)
CSC 4898 Senior Capstone in CSC (2)
MAT 1720 Math for Computer Science (5)
Technical Electives (2 courses; at least 6 credits)
CSC 3000 CSC Internship Preparation (1)
CSC 4151 Software Engineering I (3)
CSC 4152 Software Engineering II (3)
CSC 4941 CSC Internship Review (1)
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 Foundations

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 during your junior and senior years at SPU

Assumes satisfactory completion of CS& 131, CS 132, CS 133, MATH& 148 or MATH& 151, and MATH& 146 prior to transfer.

Junior Year			
AUTUMN	**WINTER**	**SPRING**	**NOTES**
• CSC 3000 (1 credit) • UFDN 3001 (5) • + 9-10 credits	• CSC 3220 (3) • MAT 1720 (5) • UFDN 3100 (5) • + 2-5 credits	• CSC 3221 (3) • CSC 3150 (5) • + 7-10 credits *Apply to graduate!*	o Complete 45 credits total this year o Apply to the major when you have met minimum admission requirements o **Internship: 200+ hours** (usually occurs in the summer between junior and senior year)
ANY QUARTER UFDN, general electives, or any remaining General Education and University Requirements,			

Senior Year			
AUTUMN	**WINTER**	**SPRING**	**NOTES**
• CSC 3310 (3) • CSC 4898 (2) • CSC 4941 (1) • + 9-12 credits	• CSC 3430 (3) • CSC 3750 (5) • CSC 4151 (3) • + 4-7 credits	• CSC 3350 (3) • CSC 4152 (3) • +9-12 credits	o Take CSC 3011 (3 cr) in whichever quarter it is offered o Complete 2 technical elective courses (totaling 6 credits minimum)
ANY QUARTER Be sure you take enough credits to total 180, with at least 60 numbered 3000-4999.			