#### 2022-2023

#### **Bachelor of Science in Computer Science**

The example below assumes that you enter have completed the prerequisites below:

- Have earned a transferable Associate's degree with 90 credits
- Have taken equivalent courses that satisfy University Core Module I courses (see next page)
- Two quarters of Programming courses (like CS 142 & 143)
- Three quarters of Calculus
- One quarter of Calculus-based Physics and two lab science courses (see catalog)

Visit the Transfer Equivalency Guide on the Transfer Tools site for more information on how your credits may transfer to SU: <a href="https://www.seattleu.edu/registrar/transfer-tools/">https://www.seattleu.edu/registrar/transfer-tools/</a>. Some courses not listed on the Transfer Equivalency Guide may still transfer to SU. For courses not found on this tool, compare course descriptions with SU's course catalog to determine equivalent courses at your college/university: <a href="http://catalog.seattleu.edu/">http://catalog.seattleu.edu/</a>

This is a sample and not the only way to complete this plan. Number of credits are in parentheses. \*Some classes have prerequisites.

Year 1	
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Fall	Winter	Spring	Steps for Success		
CPSC 2430 Data Structures (5)	CPSC 3300 Fundamentals of Databases (5)	CPSC 3200 Object-Oriented Development (5)	<ul> <li>Meet with advisor and draft and educational plan!</li> <li>Look for summer internships!</li> <li>Take advantage of tutoring!</li> <li>Get involved on campus and with ACM!</li> </ul>		
CPSC 2500 Computer Organization (5)	CPSC 3500 Computing Systems (5)	CPSC 3400 Languages & Computation (5)			
CPSC 2600 Foundations of Computer Science (5)	MATH 2310 Probability & Statistics (5)	MATH 2320 Linear Algebra (3)			
		UCOR 2XXX University Core (5)			

### Year 2

Fall	Winter	Spring	Steps for Success
CPSC 4870 Software Engineering & Proj Dev I (5)	CPSC 4880 Software Engineering & Proj Dev II (3)	CPSC 4890 Software Engineering & Proj Dev III (3)	Apply for graduation on MySeattleU!
CPSC 4800 Technical Communications (3)	CPSC Elective (4000-level) (5)	CPSC Elective (4000-level) (5)	□ Finalize educational plan!
CPSC 4100 Algorithms (5)	CPSC Elective (4000-level) (5)	CPSC Elective (4000-level) (5)	□ Attend career planning activities
UCOR 2XXX University Core (5)	UCOR 2XXX University Core (5)	UCOR 3400 University Core (5)	Career search or graduate school applications!

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# **University Core Requirements**

UCOR classes (SU's general education courses) are listed in the sample plan by what module is recommended. See below for UCOR course titles listed by Module. See <u>my.seattleu.edu</u> for prerequisites and <u>www.seattleu.edu/core</u> for course descriptions. Honors and Matteo Ricci students have different Core requirements.

#### Module I

Students can transfer in the following four courses if they have taken suitable equivalent courses: UCOR 1100 Academic Writing Seminar UCOR 1300 Creative Expression & Interpretation UCOR 1400 Inquiry Seminar in the Humanities UCOR 1600 Inquiry Seminar in the Social Sciences

#### Module II

UCOR 2100 Theological Explorations UCOR 2500 Philosophy of the Human Person UCOR 2900 Ethical Reasoning

#### Module III

**UCOR 3400** Humanities and Global Challenges **OR UCOR 3600** Social Sciences and Global Challenges

Students with a transferable Associate degree only need to take one Module III course.

# **Important Major Information**

- Credits in Major: 122
- Minimum Major GPA: 2.5 (some scholarships may require higher)
- Minimum Cumulative GPA: 2.5 (some scholarships may require higher)
- A grade of C or better is required at CPSC courses that are used to satisfy major requirements.
- Students make 5000-level CPSC electives to satisfy elective requirements with permission of chair. Up to ten credits of 5000-level CPSC electives may apply towards the Master of Science in Computer Science degree at Seattle University.
- Please see my.seattleu.edu for elective options.

# **Resources for Success**

- □ Map out your own plan through My.SeattleU.edu
- □ Meet with a Career Coach from Career Engagement Office
- □ Sign up for academic support with Learning Assistance Programs
- Explore career options at the "What Can I Do with This Major" page
- Learn more about academic advising on the Advising Services page

## Notes





Use MySeattleU Student Planning to plan your courses and work closely with your academic advisor on your educational plan. You are responsible for knowing information and tracking changes. Contact your Advising Center for support.

#### Science & Engineering Advising se-adv@seattleu.edu

Seattle U Advising Services http://www.seattleu.edu/advising