Applied Computing

UNIVERSITY *of* WASHINGTON | BOTHELL
SCHOOL OF SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS

- This is a suggested schedule of courses based on degree requirements. The actual degree plan may differ depending on the course of study selected, the number of starting credits, or the starting admission point.
- This guide is not a substitute for academic advising. Contact your academic advisor with questions about scheduling, unique interests, or degree requirements.
- Applicants who are generally competitive to Applied Computing will have the following: 1. Prerequisite GPA of 3.3, 2. Cumulative college GPA of 3.3, 3. A well-written personal statement, 4. A positive grade trend with few to no repeats.

	Autumn	Winter	Spring
Year 1	❖ A & H / SSc	❖ A & H / SSc	❖ A & H / SSc
	◇ **ST MATH 124 Calculus I**	◇ **CSS 142 + CSSSKL 142: Intro Programming I + Lab ***	◇ **CSS 143 + CSSSKL 143: Intro Programming II + Lab**
	◇ **B WRIT 134 Composition (C)**	◇ **B WRIT 135 Composition (W)**	General Elective
Year 2	Autumn	Winter	Spring
	200-Level CSS Elective	200-Level CSS Elective	General Elective or Additional CSS Elective
	General Elective/Minor/Minor Prerequisite	General Elective/Minor/Minor Prerequisite	General Elective/Minor/Minor Prerequisite
	General Education / Areas of Inquiry (AOI) Course	Statistics Course (RSN)	General Elective
Year 3	Autumn	Winter	Spring
	CSS 301: Technical Writing for Computing	CSS 350: Management Principles	300-Level CSS Elective
	CSS 340 / 342: Applied Algs / Data Structures	CSS 360: Software Engineering	Minor Elective
	Minor Elective	Minor Elective	400-Level CSS Elective
Year 4	Autumn	Winter	Spring
	General Elective or 200/300-Level CSS Elective	300+ Level Elective	CSS 496: Applied Computing Capstone
	400-Level CSS Elective	CSS 421: Hardware Architecture and Op. Systems	General Elective or 200/300-Level CSS Elective
	Minor Elective	Minor Elective	300+ Level Elective

◆ **Prerequisites: Must be completed prior to applying for a major.**

❖ May be fulfilled with Discovery Core

* In some quarters, a special section of CSS 142 is offered for students with limited programming experience. Please see this page for more info: tinyurl.com/limitedexp142

All classes are 5 credits unless followed by a parenthesis with a number, indicating the number of credits.
Refer to the time schedule for up to date course offerings; including quarters, days and times

This Map is a suggested sequence of the current curriculum which may be altered to carry out the academic objectives of the University. The University specifically reserves the right to change the student's current map at any time within the student's period of study.
Last updated: 7/18/2024