Computer Science
Graduation Requirements
University of Washington
The graduation requirements shown below are subject to change.
For more information, see the CSE undergraduate webpages at
https://www.cs.washington.edu/academics/ugrad/current-students/degree

General Education Component

Language Skills (5-20 credits)
- *English Composition (5)
- Foreign Language through 3rd quarter (0-15)

Diversity Requirement (3 credits)
- UW Diversity Requirement (3)
  Note: These credits may overlap with other requirements.

Reasoning and Writing in Context (15 credits)
- Reasoning (5)
- UW approved writing courses (W courses) or additional composition courses (10)
  Note: These credits may overlap with other requirements.
  Required courses in CSE and MATH fulfill the Reasoning requirement.

Areas of Inquiry (75 credits)
- Arts & Humanities (20)
- Social Sciences (20)
- Natural Sciences (20)
- Additional coursework (15)
  Note: All Mathematics & Science courses below (20-23 credits) as well as CSE 121, 122, and 123 (up to 12 credits) count toward the 20 credits of Natural Sciences and 15 credits of Additional Coursework requirements.

Mathematics & Science Component

Mathematics (15-18 credits)
- *MATH 124, 125, 126 or 134, 135, 136 (honors) (15)
- Calculus with Analytical Geometry
- MATH 208 (waived if MATH 136 taken) (3)

Natural Science (5 credits)
- *One course from the list of approved Natural Science courses (5)

Computer Science Component

Fundamentals (24-25 credits)
- *CSE 123 Intro to Computer Programming III (4)
  OR
- *CSE 143 Computer Programming II (5)
- CSE 311 Foundations of Computing I (4)
- CSE 312 Foundations of Computing II (4)
- CSE 331 Software Design and Implementation (4)
- CSE 332 Data Structures and Parallelism (4)
- CSE 351 The Hardware/Software Interface (4)

Core and Electives (33 credits)
At least 33 additional credits including at least:
- Four, 400-level courses from the CSE Core Courses list (12-16)
- Two additional CSE Core Courses (300 or 400 level) (6-8)
- Either 1 additional CSE Core Course or 1 course from the CSE Capstone list (3-5)
- Additional courses from either the CSE Core Courses list or the CSE Elective list to bring total CSE Elective credits to 33

Free Electives to bring total credits up to the 180 required for graduation
Note: A student's cumulative GPA must not fall below a 2.0.

*Denotes prerequisites that must be fully completed before applying to the major. This does not apply to direct-to-major freshmen applicants.