Computer Engineering Graduation Requirements
University of Washington
https://cse.washington.edu

Requirement Sheet Key
◆ = Admission Requirements

Mathematics ( >15 Credits)
◆ MATH 124 (5cr) - Calculus I
◆ MATH 125 (5cr) - Calculus II
◆ MATH 126 (5cr) - Calculus III
Note: Can be substituted for 134 Honors sequence 3-6 additional credits of math (to bring total math/science credits to 41) from the following:
STAT 391 (4cr) - Quant. Intro. Stats. for Data Sci.
STAT 394 (3cr) - Probability I
MATH 307 (3cr) - Intro to Differential Equations
MATH 309 (3cr) - Linear Analysis
MATH 334 (5cr) - Accl. Adv. Calculus [Honors]
MATH 335 (5cr) - Accl. Adv. Calculus [Honors]
AMATH 351 (3cr) - Intro. to Diff. Eq. & Appl.
AMATH 353 (3cr) - Partial Diff. Eq. & Waves

Natural Sciences ( >20 Credits)
◆ PHYS 121 (5cr) - Mechanics with Lab [pr: Math 124]
PHYS 122 (5cr) - Electromagnetism with Lab
Note: 10 additional credits from approved list on website 3-6 additional credits of science (to bring total math/science credits to 41) from approved list

Written & Oral Communications (12 Credits)
◆ English Comp (5cr) - English Composition
ENGR 231 (3cr) - Intro to Technical Writing
Approved UW Writing or Composition course (4cr)

Visual, Literary & Performing Arts/Individuals & Society (VLPA/I&S) (30 Credits)
VLPA 10-20 credits
I&S 10-20 credits
Diversity (DIV) 3 credits

CompE Core Courses (36 Credits)
◆ CSE 142 (4cr) - Computer Programming I
◆ CSE 143 (5cr) - Computer Programming II
CSE 311 (4cr) - Foundations of Computing I
CSE 312 (4cr) - Foundations of Computing II
CSE 332 (4cr) - Data Abstractions
EE 205 (4cr) - Intro. to Signal Conditioning
-OR-
EE 215 (4cr) - Fundamentals of Electrical Engineering
CSE 351 (4cr) - The Hardware/Software Interface
CSE 369 (2cr) - Introduction to Digital Design
CSE/EE 371 (5cr) - Design of Digital Circuits & Systems

CompE Senior Electives (36 Credits)
Select enough additional credits from the lists of approved courses online, including at least:
One of the following:
CSE 403 (4cr) - Software Engineering
CSE/EE 474 (4cr) - Intro. to Embedded Sys.
CSE 484 (4cr) - Computer Security
3 additional courses from CompE Systems Electives list (12-15cr)
2 additional courses from CSE Core Courses list on website (6-10cr)
Design Capstone course from approved list (5cr)
College of Engr. courses from CSE elective list (4cr)
Additional courses from CSE Electives list to bring total CSE electives to 36 credits.

Free Electives (varies)
Additional coursework in any subject area not used elsewhere in degree.

Total Credits Required for Graduation (180 Credits)

Application Deadlines
2018 admission: February 1st and July 1st
2019 admission and beyond: January 15th & July 1st annually
* Prospective CSE Transfer students only need to submit an application to UW - a separate application to the College of Engineering is not required