Fall 2020 Degree Requirements

Computer Science Core Courses
- CSC 1100 (3 cr.) Problem Solving & Programming
- CSC 1101 (1 cr.) Lab for Problem Solving & Programming
- CSC 1500 (3 cr.) Fundamental Structures
- CSC 1501 (1 cr.) Laboratory for Fundamental Structures
- CSC 2110 (3 cr.) Computer Science I
- CSC 2111 (1 cr.) Laboratory for Computer Science I
- CSC 2200 (3 cr.) Computer Science II
- CSC 2201 (1 cr.) Laboratory for Computer Science II
- CSC 3010 (3 cr.) Ethics in Computer Science
- CSC 3020 (3 cr.) Java Programming
- CSC 3100 (3 cr.) Architecture and Organization
- CSC 3101 (1 cr.) Laboratory for Architecture
- CSC 3110 (3 cr.) Algorithm Design and Analysis
- CSC 4110 (3 cr.) Software Engineering
- CSC 4111 (1 cr.) Laboratory for Software Engineering
- CSC 4420 (3 cr.) Computer Operating Systems
- CSC 4421 (1 cr.) Laboratory for Operating Systems
- CSC 4500 (3 cr.) Intro to Theoretical Computer Science
- CSC 4710 (3 cr.) Intro to Database Management Systems
- CSC 4996 (3 cr.) Senior Project and Computer Ethics
- CSC 4997 (1 cr.) Laboratory for Senior Project
- Four additional CSC electives (not including courses listed above) of at least 3 credits each, all numbered at or above 3000, excluding CSC 4990 & 4995

Mathematics Courses
- MAT 2010 (4 cr.) Calculus I
- MAT 2020 (4 cr.) Calculus II
- MAT 2030 (4 cr.) Calculus III
- MAT 2250 (3 cr.) Elementary Linear Algebra

Basic Engineering Courses
- BE 1200 (3 cr.) Design in Engineering
- BE 1600 (3 cr.) Computation & Programming: Python
- BE 2100 (3 cr.) Probability & Statistics in Engineering

Competency & Inquiry Course Requirements
- (BC) Basic Composition
- (CIV) Civic Literacy
- (CI) Cultural Inquiry
- (DEI) Diversity, Equity and Inclusion
- (GL) Global Learning
- (QE) Quantitative Experience
- (SI) Social Inquiry
- (WE) Wayne Experience

Program Specific Competency & Inquiry Requirements
- (IC) ENG 3505 or ENG 3510 (3 cr.)
- (OC) ENG 3060 (3 cr.) Technical Communication II
- (NSI) PHY 2175 (4 cr.) University Physics I*
- (NSI) PHY 2185 (4 cr.) University Physics II*
*Must meet Lab Requirement with PHY 2171 or PHY 2181 (1 cr.)

College of Engineering and Department of Computer Science Academic Policies
- A minimum grade of C is required in CSC 1100 & 1101, 1500 & 1501, CSC 2110 & 2111, and CSC 2200 & 2201 (no exceptions).
- A minimum of 28 credits in CSC courses must be earned at WSU.
  - Maximum of 64 transfer credits from a two-year institution will apply toward the degree.
- All other courses including CSC, MAT, BE, and courses within the General Education program must adhere to the requirements of the Engineering Division (grades of C-minus or better). Maximum of 2 semesters on probation (under 2.0 GPA), maximum of 3 repeats of any course, maximum of 5 substandard grades, minimum cumulative and major GPA of 2.0 to graduate.

Accelerated Graduate Enrollment Program (AGRADE)
- Earn up to 16 credits toward a Computer Science master's degree while completing your bachelor’s degree.
- An AGRADE applicant may petition the Graduate Committee of the Department for acceptance into the program in the first semester in which 90 credits will be completed. Applicants must have an overall grade point average (GPA) of 3.3 and a 3.45 GPA or better in the major courses already completed. Completion of CSC 2200/2201 & CSC 3110 suggested before applying.
- Approved CSC 5000 and 6000 level courses by the CS Grad Advisor and Graduate Program Officer may count as part of the four required CSC electives for the bachelor's degree and toward graduate credit for the master's degree.

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