Computer Science

- CSC 1500 (3 cr.) Fundamental Structures in Computer Science
- CSC 1501 (1 cr.) Laboratory for Fundamental Structures in Computer Science
- 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 3100 (3 cr.) Computer Architecture and Organization
- CSC 3101 (1 cr.) Laboratory for Computer Architecture and Organization
- 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 Computer Operating Systems
- CSC 4500 (3 cr.) Introduction to Theoretical Computer Science
- CSC 4710 (3 cr.) Information Systems Design
- CSC 4996 (3 cr.) Senior Project and Computer Ethics
- CSC 4997 (1 cr.) Laboratory for Senior Project
- Four additional CSC electives of at least three credits each, all numbered at or above 3000 excluding CSC 4990 and 4995

Mathematics

- MAT 2010 (4 cr.) Calculus I
- MAT 2020 (4 cr.) Calculus II
- MAT 2250 (3 cr.) Elementary Linear Algebra
- BE 2100 (3 cr.) Probability and Statistics in Engineering

Additional Program Requirements

- ENG 1020 (4 cr.) Introduction to College Writing
- ENG 3050 (3 cr.) Technical Communication I: Reports
- ENG 3060 (3 cr.) Technical Communication II: Presentations
- PHI 1120 or ENG 2720 (3 cr.) Professional Ethics or Basic Concepts in Linguistics
- ECO 2010 or ECO 2020 (4 cr.) Principles of Microeconomics or Principles of Macroeconomics

University Group Requirements

- (AI) American Society and Institutions
- (CT) Critical and Analytical Thinking
- (FC) Foreign Culture
- (HS) Historical Studies
- (LS) Life Sciences*
- (PS) Physical Sciences*
- (VP) Visual and Performing Arts

*Must have one additional Lab credit with either (LS) or (PS)

A minimum of twenty-eight credits in Computer Science course work must be earned at Wayne State University. Last thirty four credits earned, must be earned at Wayne State University.

A minimum grade of ‘C’ is required in CSC 1500, CSC 1501, CSC 2110, CSC 2111, CSC 2200, and CSC 2201. All other courses, including Gen Ed, require ‘C-’ or better for credit.

Students declaring their major should consult an advisor for a written assessment of current requirements.

Degree requirements

Candidates for the bachelor’s degree must complete at least 120 credits in course work, including satisfaction of the University General Education Requirements and the College Group Requirements. All course work must be completed in accordance with the regulations of the University governing undergraduate scholarship and degrees. See the University Undergraduate Bulletin for specific details.