Computer Engineering (CPE)
2015-16 (128 Total Hours)

Freshman Year

First Semester
17 hours

- MA 1513 C College Algebra OR ACT MATH sub-score > 24
- PH 2213 C Calculus I
- EN 1103 C English Composition I

Second Semester
18 hours

- MA 1773 C Calculus II
- EN 1113 C English Composition II
- MA 1723 C Linear Algebra

Sophomore Year

First Semester
16 hours

- CSE 1284 C Introduction to Computer Programming
- ECE 1002 C Introduction to ECE
- CH 1213 C Fundamentals of Chemistry I

Second Semester
16 hours

- CH 1211 C Investigations in Chemistry I (lab)
- MA 2733 C Calculus III
- MA 3113 C Calculus IV

Junior Year

First Semester
16 hours

- MA 3253 C Differential Equations I
- ECE 3714 C Digital Devices & Logic Design
- ECE 3724 C Microprocessors

Second Semester
17 hours

- ECE 3413 C Introduction to Electronic Circuits
- MA 3254 C Differential Equations II
- ECE 4532 C CPE Design I

Senior Year

First Semester
14 hours

- EN 0103 C Basic English OR ACT ENGLISH sub-score > 19
- PH 2223 C Physics II (non-credit lab)
- ECE 4713 C Computer Architecture

Second Semester
14 hours

- ECE 4833 C Data Comm. & Computer Networks
- ECE 4733 C Operating Systems
- ECE 4743 C Digital System Design

FLOWCHART LEGEND

* Prerequisite (credit required with min. grade shown)
+ Corequisite (credit in or registration for course is required)
C Either/Or (credit required for one of these two courses)

For the latest version, go to: http://www.ece.msstate.edu/academics/undergradprog/cpe/