

Checklist for Computer Engineering Majors (2000-2001)

Please use this checklist to prepare a proposed schedule **before** the appointment with your advisor.

Requirements for Degree

Liberal Arts Requirements

ENGL 101 ____ ENGL 102 ____
PHIL 317 ____
Foreign Language Score 2 or equivalent ____
History Course ____
Fine Arts Course ____
Social Science Course ____

Science and Mathematics Requirements

MATH 174 ____ (Pr: MATH 115 or placement)
MATH 141 ____ (Pr: C in MATH 115 or placement)
MATH 142 ____ (Pr: C in MATH 142)
MATH 241 ____ (Pr: C in MATH 142)
MATH 242 ____ (Pr: C in MATH 142)
MATH elective ____ (Prerequisites vary)
STAT 509 ____ (Pr: MATH 142)
CHEM 111 ____
PHYS 211, 211L ____ (Pr: C in MATH 141)
PHYS 212, 212L ____ (Pr: C in PHYS 211 and MATH 142)

Computer Science and Engineering Requirements

NOTE: C in MATH 174 or CSCE courses to use as prerequisite;

C required in all CSCE courses to graduate

CSCE 145 ____ (Pr: MATH 115 or Placement)
CSCE 146 ____ (Pr: 145 and MATH 174 or 141)
CSCE 211 ____ (Pr.: MATH 174 or 141)
CSCE 212 ____ (Pr: 145, 211)
CSCE 240 ____ (Pr.: 146)
CSCE 245 ____ (Pr.: 146)
CSCE 311 ____ (Pr.: 212 or 213, 245)
CSCE 313 ____ (Pr: 212 or 213)
CSCE 350 ____ (Pr: 245 and MATH 174)
CSCE 355 ____ (Pr: 212 or 213, 350)
CSCE 491 ____ (Pr.: 240, 311)
CSCE 492 ____ (Pr: 245, 311)

Major electives ____, ____, ____, ____
(See department for approved list)

Electrical Engineering Requirements

ELCT 102 ____ (Prereq or Coreq: MATH 141)
ELCT 221 ____ (Pr: ELCT 102, MATH 142)
ELCT 222 ____ (Pr: C or better in ELCT 221, MATH 142)
ELCT 321 ____ (Pr: ELCT 222)
ELCT 371 ____ (Pr: 211, ELCT 222)

Electives:

As many as needed to reach 121 hours.

Proposed Schedule

Liberal Arts Required Courses:

Science and Mathematics Required Courses:

Computer Science and Engineering Required Courses:

Electrical Engineering Required Courses:

Electives:

Total Number of Hours: ____
(no more than 18)

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