

Dual Majoring With CS-Eng

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Computer Science in the College of Engineering is a contemporary and exciting major—and it is flexible enough to consider a dual major with another CoE department. Students considering adding a second major should be mindful of the following policies and potential opportunities for double-counting.

Course Double-Counting and Overlap Restrictions

1. **14 ADDITIONAL CREDITS:** Dual majors must complete an additional 14 credits of technical coursework beyond what's shared between two majors. See the next page for instructions on how to count these credits.
2. **MAJOR DESIGN EXPERIENCE:** Students must take a CS-Eng MDE course and achieve the minimum C grade. Note that this may be in addition to any senior design course required by the other major. Students must also complete full Technical Communications requirements for at least one major. All students must complete EECS 496 unless noted below.
3. **FLEXIBLE TECHNICAL ELECTIVES:** Flex Techs may be taken through the student's other major if the course is listed as approved on the CS-Eng Flex Tech Electives list:
<http://eecs.umich.edu/eecs/undergraduate/computer-science/electives.html>

Approved Exceptions By Program

Biomedical Engineering

- BIOMEDE 241 satisfies Statistics requirement.

Chemical Engineering

- CHE 487 or (CHE 488 and 489) satisfies TCHNCLCM 300 and TCHNCLCM 497.
- CHE 360 & CHE 460 together satisfy Statistics requirement.

Civil & Environmental Engineering

- CEE 373 satisfies Statistics requirement.

Industrial & Operations Engineering

- IOE 265 satisfies Statistics requirement.
- TCHNCLCM 380 satisfies TCHNCLCM 300 requirement.

Engineering Global Leadership (EGL)

- ENGR 480 (or MFG 504) satisfies TCHNCLCM 300, and TCHNCLCM 497.

Mechanical Engineering

- ME 401 satisfies Statistics requirement.
- ME 395 and ME 495 satisfy TCHNCLCM 300 and TCHNCLCM 497 requirements.

Ross School of Business BBA— Please note, doing MDDP with Ross does not require 14 additional technical credits.

- TO 301 satisfies Statistics requirement.
- BCOM 250 & BCOM 350 together satisfy TCHNCLCM 300 requirement.
- ACC 301 **and** BL 305 (*BL 300 for those in the new BBA curriculum*) **and** MO 300 **and** STRAT 390 together satisfy EECS 496 requirement.

