Double Major in CS-Eng and another CoE Major

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Computer Science in the College of Engineering is a contemporary and exciting Major, full of employment opportunities and ways to impact the world. It’s also flexible enough to consider a double major with another CoE Department. In fact, we encourage students to plan early and explore any Majors or Minors that interests them within CoE.

**Double Major Degree**
A CoE double Major requires 14 additional credits of technical coursework to total 142 credits for the BSE degree (instead of 128 credits). Courses that meet the “technical” requirement can be found under the Flex Tech Electives on pages 8-9 of the CS-Eng Program Guide.

**CoE Math Requirements**
Students who begin taking classes in CoE Fall 2014 and beyond, must have Math 214 for the CS-Eng Major.

**CS Program Core**
Stats & Probability: In addition to STATS 250, STATS 412, STATS 426, EECS 301, EECS 401, IOE 265, we accept-
Chemical Engineering Majors: CHE 360 and CHE 460, both courses required.

**MDE Bundle**
MDE course: A student may choose a CS MDE or a MDE from their other CoE Major. If a non-CS MDE is chosen, a student still needs to take EECS 496 and also ensure that they will have 18 credits of CS Electives. A list of approved CS classes can be found on page 7 of the CS-Eng Program Guide under Upper-Level CS (ULCS) Electives and Flexible CS Technical Electives.
EGL Students: ENGR 480– Tauber Institute course waives EECS 496, TCHNCLCM 300/497.

**Technical Communications**
If you complete the Technical Communications requirement for your other Major and you are also completing the MDE through your other Major, we will waive TCHNCLCM 300 and TCHNCLCM 497. A student must complete the full Technical Communications requirements for at least one Major, including MDE in that same Major.
Mechanical Engineering Majors: ME 395 waives TCHNCLCM 300.
IOE Majors: TCHNCLCM 380 waives TCHNCLCM 300.

**Flexible Technical Electives**
FTEs may be taken through the student’s other Major if the course is listed on pages 8-9 of the CS-Eng Program Guide.