There are 5 ways to satisfy the Chemical Engineering Technical Elective requirement

1. Cooperative Education and/or Internship credit (max 3 credits total)
2. Research credit (max 3 credits total)
3. IPPD (ECH 4912 and ECH 4913)
4. ECH 3XXX or higher course (including ECH graduate courses)
5. MegaCourse (summer C only)

ECH 4949 Cooperative Education and/or ECH 4948 Internship Courses
Student participating in experiential education may elect to receive 1 credit per term. These courses may be mixed with ECH 4905 Research or any 49XX class for a maximum of 3 credits total.

ECH 4905 Research
Students participating in research associated with chemical engineering may register for 1 credit per term. This course may be mixed with ECH 4949 Cooperative Education and/or ECH 4948 Internship or any 49XX class for a maximum of 3 credits total.

ECH 4912 and ECH 4913 IPPD
Integrated Process and Product Design satisfies the Chemical Engineering Technical Elective (ECH 4912 fall) and ECH 4644 Process Design (ECH 4913 spring). Selection for IPPD is competitive and applicant admission is determined by project availability. Applications are accepted and reviewed late spring through the summer.

ECH 3XXX Courses or Higher
Chemical Engineering elective courses are offered fall and spring. ECH 3XXX+ course work will satisfy either or both the 3 credit Chemical Engineering Technical Elective and/or the 9 credit Technical Elective requirement. Graduate courses may be taken with instructor approval.

MegaCourse
MegaCourse (summer C only) is available to students who have successfully completed COT 3502 Computer Model Formulation. MegaCourse satisfies the following requirements: 5 credits of Technical Elective, 3 credits of Chemical Engineering Technical Elective, and ECH 4323/L Process Control and Lab.