IE Electives – Students select 3 semester hours of Industrial engineering electives. For course information, see the list of recommended courses in the department advising office GWC 514.

NOTE 2: Career-Focused Study Area Electives – Students select a minimum of 9 semester hours from the following recommended electives in one of five career focused study areas. *Certain areas may require more than 9 semester hours due to class pre-requisites.

A) Industrial and Management Systems – IEE 431 (3); any approved engineering or business elective (3); any approved engineering elective (3)
B) Information and Telecommunication Systems – IEE 405 (3); six hours (6) of approved coursework
C) Global Industrial Engineering Leadership – ECN 306 (3); IBS 300 (3); IBS 400 or any approved international business elective (3)
D) High-Tech Manufacturing* - EEE 352 (4); EEE 435 (3); EEE 436 (3); MSE 355 (3); MSE 441 (3); MSE 470 (3)
E) Service Systems Specialization Areas – A student desiring a focus area other than those listed is invited to create his/her own, which concentrates on a professional or service area. The student will be expected to formulate a set of three courses (9 semester credit hours), which support his/her career option. The student will need to submit a petition to the IE department which explains and supports the focus and the courses selected. The IE Associate Chair for Undergraduate Studies must approve the petition before the student begins study in the focus area. Please see the IE Academic Advisor for more information.