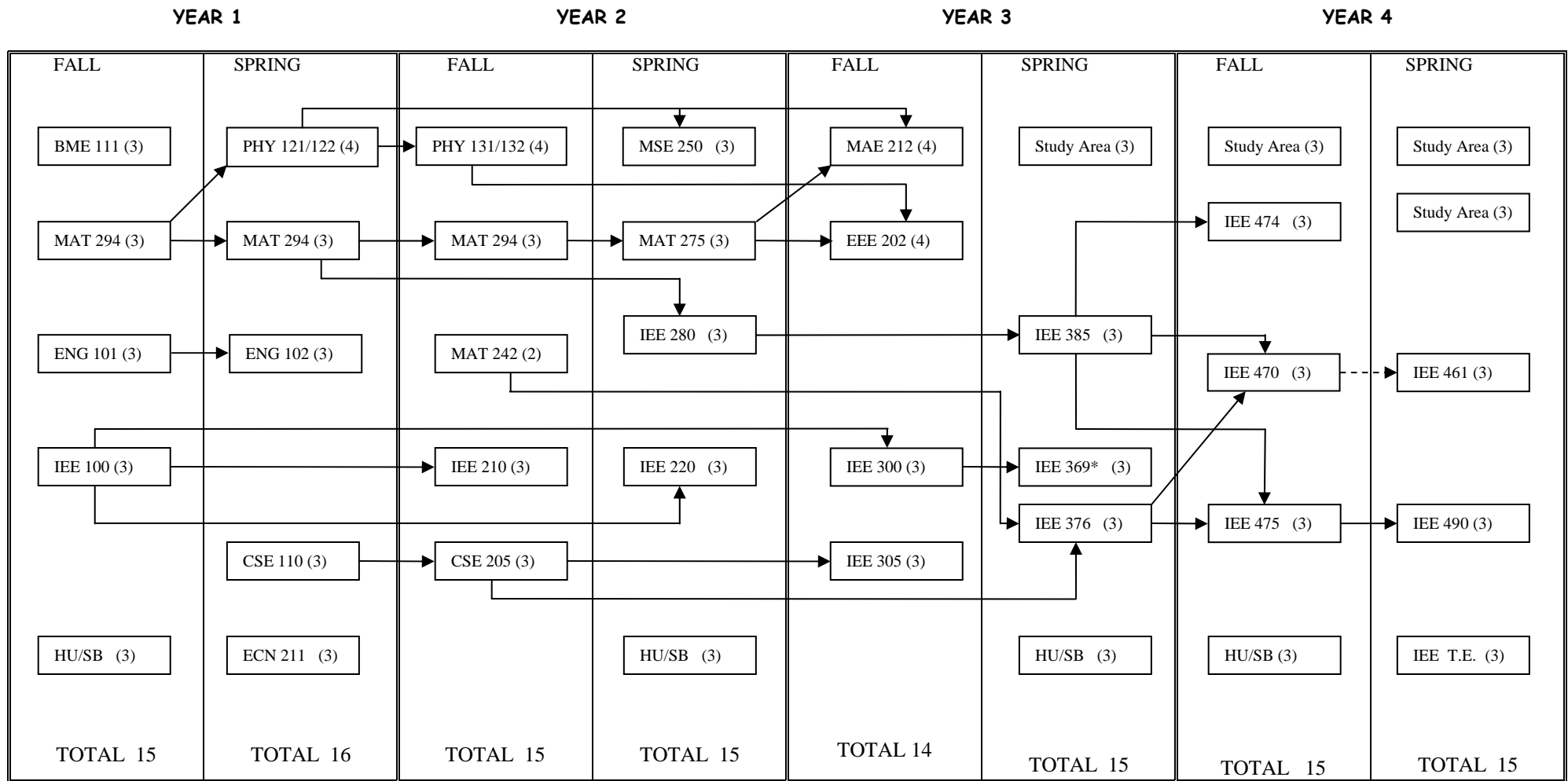


IE 2006-07 Curriculum Flowchart



*IEE 369 can be replaced by IEE 368 for Fall. IEE 305, 368, 474, 431, 437, 461 are Fall only classes; IEE 369 and IEE405 are Spring only classes.

HU/SB's can be found in the General Catalog under General Studies

→ Pre-requisite(s) for course - - - - - → Pre- or Co-requisite(s) for course

NOTE 1: 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 12 semester hours from the following recommended electives in one of five career focused study areas. *Certain areas may require more than 12 semester hours due to class pre-requisites.

- A) Industrial and Management Systems – IEE 431 (3); any approved engineering or business electives (3); any approved engineering elective (3); any approved engineering elective (3)
- B) Information and Telecommunication Systems – IEE 405 (3); Nine Hours (9) of approved coursework
- C) Global Industrial Engineering Leadership – ECN 306 (3); IBS 300 (3); IBS 400 (3); any approved international business elective (3)
- D) High-Tech Manufacturing* - ECE 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 four courses (12 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.