



The total number of credits required for graduation is 129 (*LU Catalog 2008-2009*)\*.

A total of 38 credits in electives must be taken. These electives are of five types:

**MECHANICAL ENGINEERING ELECTIVES**

- a) Humanities/Social Sciences: A total of 17 credits of electives in humanities and social science, which must include ECO 1. (Note that these electives are in addition to the 6 hours of required freshman English.) See description of HSS below.
- b) ENGR. Elective A: One, 3-credit course selected from the following: MECH 302, MECH 305, ME 304, ME 322, ME 331, or ME 343.
- c) ENGR. Elective B: One, 3-credit course selected from any ME 300 or MECH 300-level course, excluding ME 310.
- d) ENGR. Elective C: Three, 3-credit courses selected from any ME 300/MECH 300-level course or an engineering/science/mathematics course, as approved by the department chair. ME 310 may be taken once to satisfy this requirement.
- e) Free electives: 6 credit hours in any subject area are required.

**HSS – ADVANCED REQUIREMENTS: BREADTH + DEPT**

- 13 credits in courses designated as HU (humanities) or SS (social sciences) with the following restrictions:
- 1) Depth: At least eight credits must be in a common discipline and from the same department or program. At least three of these credits must be at the 100-level or above, or at the intermediate level or above for a single modern foreign language.
  - 2) Breadth: At least three credits in a discipline different from, and not cross-listed with, the discipline employed to satisfy the concentration requirement above.
  - 3) At least three credits must be designated as HU.
  - 4) None of the courses used for HSS can be taken Pass/Fail.
  - 5) None of the courses can be one-credit courses.

**CO-OP PROGRAM**

To participate in the Co-op program you must rank in the top third of the engineering class after three semesters of study and attend a summer program between the sophomore and junior years. Co-op students must take ME 21 sophomore year, second semester. See your advisor or contact the Co-op Faculty Liaison for further details.

(\* ) A student's total number of credits required for graduation is established by the catalog requirements in effect when he/she enters the degree program. To date, the MEM faculty has decided to permit the difference between the current catalog's required graduation credit hour amount and that of the student's required graduation amount to be satisfied with additional free elective credits.