Mechanical Engineering – 2022 (135 credits)

Hub Electives: must include all Hub areas below to fulfill degree requirements

1. One unit Philosophical Inquiry & Life’s Meanings
2. One unit Aesthetic Exploration
3. One unit Historical Consciousness
4. One unit Social Inquiry
5. One unit Individual & Community
6. First unit Global Citizenship & Intercultural Literacy
7. Second unit Global Citizenship & Intercultural Literacy
8. One unit Ethical Reasoning

Total of at least 16 credits

Notes
- Grey box = either semester
- prerequisite; --- = corequisite
- Students planning to study abroad sophomore 2 should take EK 301 in sophomore 1.
- Many courses are offered every semester — order can be rearranged as long as prereqs fulfilled.
- Students must complete 48 credits of upper-division program coursework (not including Hub or writing).
- See back for Hub Unit Legend
REQUIREMENTS
Mechanical Engineering majors are required to complete a minimum of 135 credits as detailed on the Program Planning Sheet on the other side of this page.

HUB ELECTIVES
All students are required to complete a total of 26 Hub units. Eighteen of these Hub units are included in courses required for the ME BS degree. The remaining eight Hub units must be satisfied through four (or more) Hub Electives that incorporate the following seven Hub areas: Philosophical Inquiry; Aesthetic Exploration; Historical Consciousness; Social Inquiry; Individual in Community; Ethical Reasoning; Global Citizenship & Intercultural Literacy (2X). Lists of courses that fulfill combinations of these Hub units are at: www.bu.edu/eng/current-students/ugrad/requirements/hub-electives/

ADVANCED ELECTIVES  Mechanical Engineering majors complete four Advanced Elective courses (16 credits).
Acceptable courses include all engineering (ENG) courses 300 level or above (including ENG ME 452 and ENG ME 457), as long as there is not significant overlap with other courses being used for the degree (See Notes below).
Acceptable courses outside of ENG include:
- QST SI 480 The Business of Technology Innovation
- QST SI 482 Technology and its Commercialization

Additionally, other 300-level or higher courses from the following programs may be acceptable by petition:
MA, Bi, CH, PY, ES, GE, NE, and AS. BE209 is also acceptable by petition.

Hub Unit Legend:
QR1 = Quantitative Reasoning 1   WRI = Writing, Research & Inquiry   RIL = Research and Information Literacy
QR2 = Quantitative Reasoning 2   WIN = Writing-Intensive Course   TWC = Teamwork/Collaboration
SI1 = Scientific Reasoning 1   OSC = Oral and/or Signed Communication   CRT = Critical Thinking
SI2 = Scientific Reasoning 2   DME = Digital/Multimedia Expression   CRI = Creativity/Innovation
FYW = First-Year Writing Seminar   CRT = Critical Thinking

Notes:
For each of the following sets of courses, only one course can be taken for credit in each set due to the overlap of material:
(1) ENG ME 403, ENG ME 404, ENG BE 402*, ENG EC 402, ENG BE 404
(2) ENG ME 303, ENG BE 436
(3) ENG EK 102*, ENG EK 103, CAS MA 142, CAS MA 242
(4) ENG BE 401*, ENG BE 403, ENG EC 401
(5) ENG ME 366, ENG EC 381*, ENG EK 381, ENG BE 200*
(6) ENG ME 460, ENG ME 560
(7) ENG EK 156*, ENG ME 358
(8) ENG ME 357, ENG ME 359*

*indicates course no longer offered.