BU Hub (for current Freshmen only): (contact Dan Tyburski or Trisha Mah, 617-353-6447)
Over the next 3 years Freshmen should use their four Hub electives to complete the following 8 units: Philosophical Inquiry and Life’s Meanings, Aesthetic Exploration, Historical Consciousness, The Individual in Community, Global Citizenship and Intercultural Literacy (x2), Ethical Reasoning, and Social Inquiry. Students should aim to complete 2 Hub units from this list per Hub elective. Freshmen who are ready to take Hub electives need to be mindful of the pairings of Hub units to ensure that they are not ‘doubling up’ on certain units, while neglecting others. Students and faculty can consult the full list of possible Hub combinations to assist with this.
AP classes will earn one unit at most, as indicated in the AP guide. Students need to pay close attention to the units they have earned to assist with future course selection. **Transfer courses do not carry Hub units, therefore students who fulfill curricular requirements outside of BU may become deficient in Hub units awarded by those classes.** See the course mapping sheet [here](http://www.bu.edu/eng/current-students/ugrad/advising/) for more information on this.

**Academic Status** (contact Undergraduate Programs Office, 617-353-6447)
- Good Standing requires a 2.00 semester and cumulative GPA with a minimum of 12 credits completed
- Students struggling should seek support from the Undergraduate Programs Office, ERB 107
- ENG Tutoring is offered Mondays – Thursdays 5pm – 11pm and Sundays 7pm – 10pm. FREE

**Tuition overload waiver:** Students with a GPA of 3.0 or higher are eligible to overload to 19 or 20 credits in a semester without being charged for the course overload. Eligible students who plan to overload **must** complete the tuition overload waiver to avoid extra fees. Seniors who overload will automatically have these fees waived.

**Study Abroad options and course scheduling** (contact Kat Mor, 617-353-6447)
- **Second semester sophomore year;** seamless integration w/ ENG programs (70+ participate each year):
  - Applications: deadline Oct 1.
  - ENG Programs: Dresden, Germany; Grenoble, France; Madrid, Spain and Sydney, Australia.
  - Students take MA226, EK307 and either BE209, EC 311, ME 304 or PY313, dependent on location; all taught in English. In Europe, language of host country and course about host country required. In Australia, course about host country and internship required (internship does not automatically count toward degree).
- **Class planning for studying abroad in the sophomore year:**
  - Students should take PY 212, EK 301, MA 225 and EK 210 in the fall of their sophomore year (or earlier), to ensure these are completed before going abroad.
  - Students who have already completed MA225 should take EK381 in the Fall. Taking MA226 or EK307 in the fall will make students ineligible for the sophomore study abroad programs.
  - Program specific requirements should be taken as follows:
    - BME – follow the program planning sheet as it stands (switching EK 301 and EK 307).
    - CE – take EC 330 in fall of sophomore year; switch EK 307 and EK 301
    - EE – follow the program planning sheet as it stands (switching EK 301 and EK 307).
    - ME – take both EK210 and ME357 (formerly ME 359) by the end of Fall of sophomore year; this may mean pushing a Hub elective down to the senior year. Switch EK 307 and EK 301.
- **Junior year,** semester varies by program; direct enroll in courses at host site:
  - Applications: deadlines March 15 or Oct 1 (Sept. 15 for Singapore and Auckland)
  - Not all programs are offered each semester, plan accordingly based on major/desired location
  - ENG Programs: Auckland, Dublin, Singapore, Sydney; student must create program & identify courses (advanced approval required); more difficult to arrange than sophomore programs; requires significant student initiative.

**Minors** (contact Stefan Scott, 617-353-6447)
Minors require at least 5 courses (20 credits), though some will require more. Only 2 courses (8 credits) can be double counted toward major, therefore a minor will add a minimum of 12 credits to degree requirements. **Apply for a minor** online no later than Oct. 1 of the senior year.
• ENG Minors: Biomedical, Computer, Electrical, Mechanical, Materials Science & Engineering, Systems Engineering
• Non-ENG Minors: available in CAS, CFA, COM, QST, SAR, WED.

**Concentrations** (contact Stefan Scott, 617-353-6447)

Concentrations require 4 courses, which can usually be used to satisfy elective requirements for the major, and therefore do not require additional courses. These also require an experiential component (lab research, directed study, senior design project OR Co-Op/Internship). **Apply for a concentration** online no later than May 1 of the junior year.

- Aerospace (ME majors & minors) (Mechanical majors & minors; contact: Ray Nagem)
- Energy Technologies (all ENG majors) (contact: Uday Pal)
- Manufacturing (all ENG majors) (contact: Gerald Fine)
- Nanotechnology (all ENG majors) (contact: Keith Brown, brownka@bu.edu)
- Technology Innovation (all ENG majors) (contact: Tom Little)

**Special Programs** (contact Carole Dutchka, 617-353-6647)

- **Boston University Dual Degree Program** (ENG and non-ENG Degrees)
  - 3.00 GPA required; sophomore standing or first semester junior; minimum 144 credits required; student must work out details with both degree programs prior to acceptance
  - Must complete course requirements for both degrees before either degree will be awarded
- **Double Major within the College of Engineering** (2 ENG degrees, different departments)
  - 3.00 GPA required; sophomore standing (32 credits); minimum 160 credits required
  - Must complete course requirements for both degrees before either degree will be awarded
- **Early Admission to the Master’s Programs** (contact Kirstie Miller)
  - Opportunity for qualified seniors to apply for early admission to these graduate programs
  - Master’s degree can be completed in one year or less.
  - Students should apply in September for early admission.
- **Modular/Medical Integrated Curriculum (MMEDIC)**
  - Second semester sophomore standing, BME only; 8-year program: 4yrs B.S., 4 yrs. MD BUSM
  - Continuation into BUSM contingent upon successful completion of all program requirements
  - Introduces some pre-clinical subjects into the undergraduate program
  - Competitive; non-admitted students can still pursue traditional Medical School application
- **Pre-Med Requirements**
  - Pre-Med / Pre-Law CAS Pre-Professional Advising, 100 Bay State Road, 4th Floor, 3-4866, preoprof@bu.edu). Usually requires additional coursework.
  - CH 101 and CH 102 must be taken in freshman year. CH 203 and CH 204 are taken in sophomore year (moving WR 150 and a Hub elective down in the schedule), both courses count as Professional Electives towards the BME degree.
- **STEM Educator-Engineer Program (STEEP)** (BS in ENG & Master’s in Education) (Contact Kat Mor)
  - Two SED courses (2 cr) fulfill general education electives. Plan as early as possible.
  - Blend ENG and SED courses and graduate with two degrees in 5 years.
  - Recommend participating in TISP and applying for summer internships teaching engineering.
  - Receive licensure to teach middle and high school math or physics in 44 states.

**Career Development**

The Career Development Office assists students in finding co-op/internships and permanent employment. Offers resume critiques, cover letter help, mock interviews, and career fairs and workshops.

- Freshman – Get familiar with services; draft resumes; attend career fairs.
- Sophomore – Revise resumes, plan for a summer research or internship. Attend career fairs.
- Junior – Refine resume; explore graduate school and/or full-time employment options. Identify faculty for recommendations, prepare for GREs. Attend career fairs; search for summer internships.
- Senior – Apply to graduate school and/or begin full-time employment job search. Visit the CDO for mock interviews. Practice technically-based interview questions with professor/mentors.