Academic Advising Reference for Fall 2021
also available at http://www.bu.edu/eng/current-students/ugrad/advising/

Pre-registration advising (CST faculty advisor access; CST student access)
Students should complete a plan in the Course Sequencing Tool (CST). Faculty advisors should then review and approve through the CST to trigger the release of the Advisor Assessment survey and advising code.

BU Hub (contact Carole Dutchka, caroled@bu.edu)
Non-transfer students in class years 2022 and onwards must complete the following 8 Hub units outside of their ENG coursework: 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 will usually use the four Hub Electives for this purpose, and should aim to complete 2 distinct units from this list per Hub elective, (consult the full list of possible Hub combinations for help selecting courses). Advanced Placement classes will earn one Hub unit at most. Students and faculty advisors need to pay close attention to the units earned to assist with future course selection. Transfer courses do not carry Hub units, therefore students who fulfil curricular requirements outside of BU may become deficient in Hub units awarded by those classes. See the course mapping sheet for more information.

Transfer students who entered in Fall 2020 must complete a reduced set of Hub requirements. See here for details. Gen Ed requirements will continue as normal for transfer students who matriculated prior to Fall ‘20.

Academic Status and Assistance (contact Undergraduate Programs Office (UPO), engineer@bu.edu)
- Good Standing requires a 2.00 semester and cumulative GPA with a minimum of 12 credits completed.
- Struggling students should seek support from the UPO - appointments available on Handshake.
- ENG Tutoring is offered via Zoom Mondays – Thursdays 5pm – 11pm, and Sundays 7pm – 10pm. FREE

Tuition overload waiver: Engineering students who enroll for 19-20 credits for the Fall 2021 semester will have the associated fees waived if they meet either of the following requirements: Senior class standing OR Cumulative GPA of 3.00 or higher. Students who do not meet the criteria will be charged at the per credit rate.

Study Abroad options and course scheduling (contact Kat Mor, kmor@bu.edu)
- Second semester sophomore year (recommended); seamless integration w/ ENG:
  - Applications: deadline Oct 1 of sophomore year.
  - ENG Programs: Madrid, Spain and Sydney, Australia (Dresden and Grenoble have been cancelled). Students take MA226, EK307 and a technical elective (options differ by location); all taught in English. Also required is a course about the host country. In Madrid students take Spanish language class, in Australia an internship (does not count for degree).
  - Students can earn up to 4 Hub units (3 in Sydney) including 2 x GCI (one in Sydney), IIC and HCO.
- Class planning for studying abroad in the sophomore year:
  - Taking MA226 or EK307 at BU will make students ineligible for the sophomore abroad programs.
  - Students should complete PY212, EK301, MA225 and EK210 before going abroad. If MA225 has already been completed students should move on to EK381, not MA226. Contact Kat for additional scheduling assistance.
  - BME: follow the program planning sheet as it stands (taking EK301 at BU and EK307 abroad).
  - CE: take EC 330 in fall of sophomore or junior year; take EK301 at BU and EK307 abroad.
  - EE: follow the program planning sheet as it stands (taking EK301 at BU and EK307 abroad).
  - ME: take both EK210 and ME357 by the end of fall of sophomore year; this may mean pushing a Hub Elective down to the senior year. Take EK301 at BU and EK307 abroad.
- Junior year, semester varies by location/major; direct enroll in courses at host site:
  - Application deadlines: March 15 for fall, Sept. 15/Oct. 1 for spring. Check by location.
  - ENG Programs: Dublin, Singapore, Sydney; student must create program & identify courses (advanced approval required); more difficult to arrange than sophomore programs; requires significant student initiative. Instructions available online. NB. Auckland program has been cancelled.
Minors (contact Undergraduate Records Office engrec@bu.edu, engrec@bu.edu)
Require at least 5 courses (20 credits), some will require more. At least 12 credits must be unique to the minor (will add a min. of 12 credits to degree requirements). Apply for a minor online no later than Oct. 1 of 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 Undergraduate Records Office, engrec@bu.edu)
Concentrations require 4 courses, which can be used to satisfy elective requirements for the major, and therefore do not usually require additional courses. Concentrations also require an experiential component (lab research, directed study, senior design project OR Co-Op/Internship). At least one required concentration course must be completed before engaging an internship as an approved experiential component.

Apply for a concentration online no later than May 1 of the junior year.
- Aerospace (ME majors & minors) (contact: Ray Nagem, nagem@bu.edu)
- Energy Technologies (all ENG majors) (contact: Uday Pal, upal@bu.edu)
- Manufacturing (all ENG majors) (contact: Gerald Fine, gifine@bu.edu)
- Nanotechnology (all ENG majors) (contact: Keith Brown, brownka@bu.edu)
- Technology Innovation (all ENG majors) (contact: Tom Little, tdcl@bu.edu)
- NAE Grand Challenge Scholars Program (all ENG majors) (contact: Tom Little, tdcl@bu.edu)

Special Programs (contact Ruth Elias, ruthelia@bu.edu unless otherwise stated)
- 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 requirements for both degrees before either degree will be awarded (or drop one)
- 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 requirements for both degrees before either degree will be awarded (or drop one)
- Early Admission to the Master’s Programs (contact Kirstie Miller, kimiller@bu.edu)
  - 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/Dental Integrated Curriculum (MMEDIC)
  - Second semester sophomore standing, BME only; 8-year program: 4yrs B.S., 4 yrs. MD BUSM
  - Introduces some pre-clinical subjects into the undergraduate program.
  - Competitive; non-admitted students can still pursue traditional Medical School application.
- Pre-Med Requirements/CAS Pre-Professional Advising
  - 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.

Accommodations: (Contact Disability and Access Services (DAS), 617-353-3658)
DAS can assist students who need access, accommodations, or deaf and hard of hearing services.

Career Development Office
Assists students in finding co-op/internships and permanent employment. Offers resume critiques, cover letter help, mock interviews, career fairs and workshops. Students should:
- Freshmen: Get familiar with services; draft resumes; attend career fairs.
- Sophomores: Revise resumes, plan for a summer research or internship. Attend career fairs.
- Juniors: 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.
- Seniors: 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/mentor.