



Academic Advising Reference for Spring 2024

also available at <http://www.bu.edu/eng/current-students/ugrad/registration/>

Pre-registration advising (CST [faculty advisor access](#); CST [student access](#))

Students should update their 'Operative Plan' in the Course Sequencing Tool (CST). Faculty advisors review and approve through the CST, triggering the release of the Advisor Assessment survey. The student will receive their registration code when the evaluation is submitted.

Registration dates: Seniors: 10/29, 9am; Juniors: 10/29, 12pm; Sophs: 11/5, 9am; First-year: 11/12, 9am. For more information on pre-registration advising, the CST, and waitlisted classes, visit the [Advising and Registration page](#).

BU Hub (contact [Carole Dutchka](#))

Non-transfer students must complete the following 8 Hub units outside of their ENG coursework: PLM, AEX, HCO, IIC, GCI (x2), ETR and SO I or II. Students will usually use the 4 Hub Electives for this purpose and should complete 2 distinct units from this list per Hub elective (consult the [course search tool](#) 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; students who fulfill curricular requirements outside 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 or later must complete a [reduced set of Hub requirements](#).

Writing Requirement: All Undergraduates take [CAS WR 120](#) and CAS WR 15x ([WR 151](#), [WR 152](#), or [WR 153](#)), or classes that offer the equivalent Hub units (FYW for WR 120 and WRI & RIL for WR 15x). WR 15x is a pre-req for senior design. ESL students may also have to take [CAS WR 111](#) and/or [CAS WR 112](#) prior to CAS WR 120, as determined by placement exams.

Overloading: Effective Sp'24, ENG students who enroll in 19-20 credits a semester will have the associated fees waived if they are in [good academic standing](#). Students who are not in good standing will be charged at the [per credit rate](#). Seniors will always have the fees waived but are not encouraged to overload if on probation. In general, overloading is not recommended.

Academic Status and Assistance (contact [Undergraduate Programs Office](#) (UPO))

- Good Standing requires a 2.00 semester and cumulative GPA with a minimum of 12 [academic](#) credits completed (excl. PDP).
- Struggling students should seek support from the UPO - appointments available on [Handshake](#).
- [ENG Tutoring](#) is offered in ERB 105 Mondays – Thursdays 5pm – 10pm, and Sundays 3pm-7pm. FREE

[Study Abroad](#) options and course scheduling (contact [Kat Mor](#))

- **Second semester sophomore year (recommended);** seamless integration w/ ENG:
 - ENG Programs: [Grenoble, France](#); [Madrid, Spain](#), [Sydney, Australia](#). Apply by 9/15 of sophomore year.
 - 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 and Grenoble students take language class, in Australia an internship (does not count for degree). The specific hub units earned can be found via the links above.
- **Class planning for studying abroad in the sophomore year:**
 - Students should not take MA226 or EK307 before going abroad or they will be ineligible for the program.
 - Students should complete PY212 and MA225 (pre-reqs for abroad classes) plus EK301 before going abroad. If MA225 has already been completed students should move on to EK381 or contact Kat for scheduling assistance. Major specific notes:
 - CE: take EC330 in fall of sophomore or junior year.
 - EE: follow the program planning sheet as it stands.
 - 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.

- **Junior year**, semester varies by location/major; direct enroll in courses at host site:
 - ENG Programs: [Auckland](#), [Dublin](#) (now fall and spring), [Singapore](#), [Sydney](#). Apply by March 15 of sophomore year for fall, Sept. 15/Oct. 1 of junior year for spring. Deadlines vary by location.
 - Student must create program & identify courses (advanced approval required); more difficult to arrange than sophomore programs; requires significant student initiative. [Instructions available online.](#)

Minors (contact [Undergraduate Records Office](#))

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](#) by May 1 of junior year.

- ENG Minors: Biomedical, Computer, Electrical, Mechanical, Materials Science & Eng, Systems Eng.
- Non-ENG Minors: available in CAS, CDS, CGS, CFA, COM, QST, SAR, WED.

Concentrations (contact [Undergraduate Records Office](#))

Concentrations require 3 courses - which can usually be used to satisfy elective requirements for the major - and 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](#) no later than May 1 of junior year.

- Aerospace (Mechanical majors & minors; contact: [Ray Nagem](#))
- Energy Technologies (all ENG majors) (contact: [Uday Pal](#))
- Manufacturing (all ENG majors) (contact: [Jim Perkins](#))
- Nanotechnology (all ENG majors) (contact: [Keith Brown](#))
- Technology Innovation (all ENG majors) (contact: [Tom Little](#))
- Machine Learning (all ENG majors) (contact: [Prakash Ishwar](#))

Special Programs (contact [Quinton Callahan](#))

- [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** majors before a degree will be awarded (or drop one)
- [Double Major within the College of Engineering](#) (1 ENG degree, 2 majors)
 - 3.00 GPA required; sophomore standing (32 credits); minimum 160 credits required.
 - Must complete requirements for **both** majors before a degree will be awarded (or drop one)
- [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](#)
 - CH 101 & CH 102 must be taken in the first year. CH 203 & CH 204 are taken in sophomore year (WR 15x and a Hub elective move down in the schedule) and count as BME Prof. Electives.
 - A biochemistry class is required and will usually be an extra course.

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:

- First-year: 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.