P.C. Rossin College of Engineering

Welcome to First Year Student Advising for Spring 2024!

Goals

- Overview First Year Student Sample Schedules
- HSS Electives
  - Requirements
  - Sub-requirements: Breadth & Depth
- Helpful tools
- Useful tips
- Alternate PIN distribution
- General Questions

College of Engineering Core classes

- ENGL 001, 002
- MATH 021, 022, 023, 205
- PHY 011+ 012, PHY 021+ 022
- CHM 030
- ENGR 005
- ENGR 010
- ECO 001
- HSS electives (13 credits required, 4 course minimum, no 1 credit courses)

FYS Schedule- General Example

Fall Sample 1	
ENGL 001	3 cr
MATH 021	4 cr
PHY 011	4 cr
PHY 012	1 cr
ENGR 005	2 cr
ENGR 010	2 cr
Total	**16 cr**

(17 Cr Max)

Spring Sample 1	
ENGL 002	3 cr
MATH 022	4 cr
CHM 030	4 cr
HSS or ECO 001	3-4 cr
Total	**15 cr**

*PHY 012 (1 cr) if needed

*ENGR 010 (2 cr) if not in Fall

(18 Cr Max)

Schedule Building Strategies - Math

- Select a Math class, typically MATH 022 if you took MATH 021 in Fall.

- If you have AP credit or transfer credit for MATH 022, or took Math 022 in the fall, register for MATH 023 or MATH 205.

Side note…What AP credit do you have? Go to Banner > Student Services > Student Academic Records > View Transcript. AP and transfer credit always appear at the beginning of your transcript.

Schedule Building Strategies - Chemistry & Physics

- Remember, add your MATH first.
- Select CHM 030 or PHY 011/PHY 012, whichever you did not take in the Fall.
- Be sure to register for PHY 012 if you were not able to take it in Fall with PHY 011.
- If you are registering for Physics, you must register for PHY 011 first and THEN register for PHY 012. There is no separate lab to go with CHM 030.

Schedule Building Strategies - English

- If you do not have AP or transfer credit and took English 001 in Fall, take ENGL 002.

- If you have AP credit for ENGL 001 and did not take English in Fall, take ENGL 011. This is **instead of** ENGL 002 for students with AP credit for ENGL 001.

- If you have transfer credit from another school for ENGL 001, take ENGL 002.

*Engineering students are required have credit for two English courses.

What if I have room for another course?

- ECO 001 - required for all engineering programs.
- HSS Elective course
  - Examples of Humanities: Hip Hop Dance, Foreign Languages, Graphic Design, Music, Philosophy, Theater
  - Examples of Social Sciences: Anthropology, Economics, History, Journalism, Political Science, Psychology, Sociology
- Program specific courses
- Free Electives

Schedule Building Strategies - Humanities/Social Science (HSS)

What are Humanities or Social Science (HSS) courses in respect to the College of Engineering degree requirements?

- The College of Arts & Sciences designates courses into different areas of study based on course content, including Humanities (HU) and Social Sciences (SS).

- To find an HSS that is being offered, do an Advanced search by course Attribute following this video by Registration & Academic Services (RAS).

Humanities/Social Sciences (HSS) Requirements

Basic Requirement: English and Economics

Three (3) courses totaling a minimum of ***ten (10) credit hours***: Students must complete:

- English 001 (or 003*)
- English 002/English 011** (or 005*)
- Economics 001

*Courses for International Students with recommendation from the Office of International Students & Scholars (OISS).

** Students take ENGL 002 or ENGL 011, not both. ENGL 011 is for students with ENGL 001 credit from AP, SAT or ACT scores.

Humanities/Social Sciences (HSS) Requirements

<u>Advanced Requirement: Breadth and Depth</u>. A minimum of *four* **(4)** *multi-credit courses** and a minimum of **13 credits** in courses designated as HU (humanities) or SS (social science), with the following restrictions:

1. <u>Depth:</u> At least *eight* (8) credits must be in a common discipline and from the same department or program. **At *least three* (3)** 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. <u>Breadth:</u> **At *least three*** (3) credits in a discipline different from, and not cross-listed with, the discipline employed to satisfy the depth requirement above.

3. ***At least three*** (3) credits of the 13 total credits must be a Humanities course.

*No 1-credit course may be used toward these requirements.

Schedule Building Strategies - Free Electives

- Engineering programs typically have only 6 credits of free electives; there is no rush to get them done.

- You can satisfy free elective credit through internships and minors.

- Common free electives include music performance courses (band, choir, ensemble, etc.) or journalism (Brown & White).

Possible FYS Program Specific Courses

Course (Fall, Spring)	Used by Programs	Prerequisites
CEE 170 (S)	CivE, EnvE, some programs as elective	CHM 030, requires CLASS & MAJOR override
CHE 044 (S)	CHBE	
CSE 004 (S)	CSE, ISE, CompE	CSE 003
CSE 017 (F, S)	CSE, ISE, Engr Elec, CompE	CSE 004 or CSE 007 or (CSE 002 and (CSE 001*or CSE 012* or ENGR 010*)
MAT 028 (some S)	Possible elective	PHY 011*
MAT 033 (F,S)	BioE, MatSci, ME, ISE	
ME 010 (S)	ME	Requires MAJOR override.
ME 017 (F,S)	ME	
MECH 003 (F,S)	BioE**, CivE, EnvE, MatSci, ME, ISE	MATH 022*, PHY 011
CHM 031 (F,S)	BioE, CHE, EnvE	CHM 30

*Can be taken concurrently

**Required in Bioelectronic/Biophotonics Track, Biomechanics and Biomaterials Track

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Helpful Tools

- Registration Videos -available on the Registration & Academic Services (RAS) website.

- Instructional Guides -available on the Registration & Academic Services (RAS) website.

- Register for Linked Courses -available on the Registration & Academic Services (RAS) website.

- Plan Ahead feature in Banner.

* Don't wait! Start planning your course schedule NOW!

Registration begins on Thursday, November 16 at 7:30 a.m.

Useful Tips

- Check in Banner to confirm your Registration time. Banner > Student Services > Registration > Check Registration Status.
- Check in Banner for any Holds on your record. Banner > Student Academic Records > View Holds

How to get your Alternate PIN for Spring Registration

- Email engineeringadvising@lehigh.edu from your lehigh.edu account with a list of proposed courses and/or questions **by November 1.**

- Enter the following in the **SUBJECT** line of your email:
  - Your full name
  - The word "Spring24PIN" (no spaces)
  - Example: Jennifer Helmuth Spring24PIN

- *List* your courses in the body of the email in plain text.
  - Please do not use links, attachments or screen shots.
  - We do not need your schedule with Sections you want, just the courses.
  - *Include the number of credits for each course.*

How to get my Alternate PIN for Spring Registration (cont'd)

- The Advising Team will review your course selections and will reply from the same email address (engineeringadvising@lehigh.edu) with answers, comments and your Alternate PIN.

Students who request their Alternate PIN after November 1 *are not guaranteed* to receive it prior to the first day of registration.

- Please be patient. This is a manual process. You **WILL HAVE** your Alternate PIN in time for your registration date if you submit your proposed schedule ON TIME.

*Remember, you are submitting it to engineeringadvising@lehigh.edu

Useful Tips

- Don't forget your [linked classes](#).
- Trouble with the Banner System when registering?
  Contact Registration & Academic Services at 610-758-3200, email ras@lehigh.edu or [Chat](#).

**Office of
Undergraduate Learning**
engineeringadvising@lehigh.edu

Chat with Us

Link to Jen &
Robin's Calendar
for appointments

Jennifer Helmuth, First Year Advisor
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Robin Armbruster, Administrative Specialist
rma2@lehigh.edu | 610-758-4025

Prof. Susan Perry, Assistant Dean for Academic Affairs
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Links to Slides are at:

go.lehigh.edu/rcfys

Q & A

Group Advising Session Dates

Wednesday, October 18, 2023, 11:00-11:45 am - Virtual

Thursday, October 19, 2023, 4:00-4:45 pm - Virtual

Tuesday, October 24, 2023, 7:00-7:45 pm - Virtual

Wednesday, November 1, 2023, 7:00-7:45 pm - PA 101

Thursday, November 2, 2023, 12:15-1:00 pm - PA 101

Tuesday, November 7, 2023 11:15 am-noon - Virtual

Wednesday, November 8, 2023, 4:00-4:45 pm - Virtual

Thursday, November 9, 2023 4:00-4:45 pm - Virtual

Zoom Link for All Virtual Sessions:
https://lehigh.zoom.us/j/94287292872