Welcome to First Year Student Advising for Spring 2023!
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 Example 1**

<table>
<thead>
<tr>
<th>Fall Sample 1</th>
<th>Spring Sample 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 001 3 cr</td>
<td>ENGL 002 3 cr</td>
</tr>
<tr>
<td>MATH 021 4 cr</td>
<td>MATH 022 4 cr</td>
</tr>
<tr>
<td>PHY 011 4 cr</td>
<td>CHM 030 4 cr</td>
</tr>
<tr>
<td>PHY 012 1 cr</td>
<td>HSS or ECO 001 3-4 cr</td>
</tr>
<tr>
<td>ENGR 005 2 cr</td>
<td>Total 15 cr</td>
</tr>
<tr>
<td>ENGR 010 2 cr</td>
<td></td>
</tr>
<tr>
<td><strong>Total 16 cr</strong></td>
<td>*PHY 012 (1 cr) if needed</td>
</tr>
<tr>
<td>(17 Cr Max)</td>
<td>*ENGR 010 (2 cr) if not in Fall</td>
</tr>
<tr>
<td></td>
<td>(18 Cr Max)</td>
</tr>
</tbody>
</table>
FYS Schedule **Example 2**

<table>
<thead>
<tr>
<th>Fall Sample 2</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 001</td>
<td>3 cr</td>
<td></td>
</tr>
<tr>
<td>MATH 021</td>
<td>4 cr</td>
<td></td>
</tr>
<tr>
<td>CHM 030</td>
<td>4 cr</td>
<td></td>
</tr>
<tr>
<td>ENGR 095</td>
<td>1 cr</td>
<td></td>
</tr>
<tr>
<td>ENGR 010</td>
<td>2 cr</td>
<td></td>
</tr>
<tr>
<td><strong>Total 14 cr</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elective courses up to 3 cr</td>
<td>(Music, theater, CSE 003)</td>
<td>(17 Cr Max)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Spring Sample 2</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 002</td>
<td>3 cr</td>
<td></td>
</tr>
<tr>
<td>MATH 022</td>
<td>4 cr</td>
<td></td>
</tr>
<tr>
<td>PHY 011/012</td>
<td>4+1 cr</td>
<td></td>
</tr>
<tr>
<td>ENGR 096</td>
<td>1 cr</td>
<td></td>
</tr>
<tr>
<td>HSS Electives, ECO 001</td>
<td>or Engr course 3-4 cr</td>
<td><strong>Total 16-17 cr</strong></td>
</tr>
<tr>
<td>Elective courses up to 18 credits.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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.
- **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. CHM 030 is only one course.
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 in lieu of ENGL 002 for students with AP credit.
- 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). Your degree has Basic and Advanced HSS requirements.
- 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 (or 005, or 011);
- Economics 001.
Humanities/Social Sciences (HSS) Requirements

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

1. **Depth**: 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. **Breadth**: 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).
<table>
<thead>
<tr>
<th>Course (Fall, Spring)</th>
<th>Used by Programs</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>CEE 170 (S)</td>
<td>CivE, EnvE, some programs as elective</td>
<td>CHM 030, requires CLASS override</td>
</tr>
<tr>
<td>CHE 044 (S)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CSE 004 (S)</td>
<td>CSE, ISE, CompE</td>
<td>CSE 003</td>
</tr>
<tr>
<td>CSE 017 (F, S)</td>
<td>CSE, ISE (Engr Elec), CompE</td>
<td>CSE 004 or CSE 007 or (CSE 002 and (CSE 001<strong>or CSE 012</strong> or ENGR 010**)</td>
</tr>
<tr>
<td>MAT 028 (some S)</td>
<td>Possible elective</td>
<td>PHY 011**</td>
</tr>
<tr>
<td>MAT 033 (F,S)</td>
<td>BioE, MatSci, ME, ISE</td>
<td></td>
</tr>
<tr>
<td>ME 010 (S)</td>
<td>ME</td>
<td></td>
</tr>
<tr>
<td>ME 017 (F,S)</td>
<td>ME</td>
<td></td>
</tr>
<tr>
<td>MECH 003 (F,S)</td>
<td>BioE***, CivE, EnvE, MatSci, ME, ISE</td>
<td>MATH 022**, PHY 011</td>
</tr>
<tr>
<td>CHM 031 (F,S)</td>
<td>BioE, CHE, EnvE</td>
<td>CHM 30</td>
</tr>
</tbody>
</table>

*Required in Biopharmaceutical Track
**Can be taken concurrently
***Required in Bioelectronic/Biophotonics Track, Biomechanics and Biomaterials Track
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!*
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 4.

- The SUBJECT of your email must include:
  - Your full name (Banner does not list nicknames)
  - The word “SpringPIN2023” (no spaces)
  - Example: Jennifer Helmuth SpringPIN2023

- **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.
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 4 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
Registration begins on Thursday, November 17 at 4:45 p.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
Useful Tips

- Don’t forget your linked classes.
- Trouble with the Banner System when registering? Contact Registration & Academic Services at 610-758-3200 or email ras@lehigh.edu.
Office of Undergraduate Learning
engineeringadvising@lehigh.edu

Chat with Us

Jennifer Helmuth, First Year Advisor
ich315@lehigh.edu  |  610-758-4460

Robin Armbruster, Administrative Specialist
rma2@lehigh.edu  |  610-758-4025

Prof. Sabrina Jedlicka, Associate Dean for Academic Affairs
ssj207@lehigh.edu  |  610-758-4025

Prof. Susan Perry, Assistant Dean for Academic Affairs
sup3@lehigh.edu  |  610-758-4025

Link to Jen’s Calendar for appointments
Links to Slides are at:
go.lehigh.edu/rcfys

Q & A
Group Advising Session Dates

Monday, October 26, 10:45 a.m.
Tuesday, October 27, 4:30 p.m.
Wednesday, October 28, 9:30 a.m.
Thursday, October 29, 1:45 p.m.
Monday, November 2, 6:00 p.m.
Tuesday, November 3, 12:15 p.m.
Wednesday, November 4, 4:30 p.m.
Thursday, November 5, 10:45 p.m.