Pre-Engineering is an advising category for students preparing to enter into a major within the College of Engineering. Pre-Engineering students will work with their advisor to discover the various disciplines of study within the College of Engineering, as well as other academic programs offered at Nebraska. Your Explore Center advisor will guide you toward achieving your academic goals, while ensuring you are connected to the university and the College of Engineering.

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**HOW TO GET THERE**

- Meet with your Pre-Engineering advisor at New Student Enrollment
- Actively explore Engineering majors and careers
- Work toward admission to the College of Engineering for 1-2 semesters
- Officially declare into the College of Engineering once college admission requirements are met

**OUR STUDENTS**

“I am currently a chemical engineering student and I couldn’t have gotten off to a successful beginning if it wasn’t for the community I had in the Explore Center and the College of Engineering my freshman year. The amazing support from my advisors and the opportunities I had to wade into the College of Engineering made Nebraska feel like home and a place I could just be me.”

- DAVID

**GET INVOLVED WITHIN THE COLLEGE OF ENGINEERING**

- Aerospace Club
- American Institute for Chemical Engineers
- Emerging Green Builders
- Mechanical Electrical Specialty Contractors
- National Association of Home Builders Student Chapter
- Nebraska Blueprint
- Society of Automotive Engineers
- UNL Theme Park Design Group
Pre-Engineering

ENGINEERING MAJORS

- Agricultural Engineering
- Biological Systems Engineering
- Chemical Engineering
- Civil Engineering
- Computer Engineering
- Construction Management
- Electrical Engineering
- Mechanical Engineering
- Software Engineering

RELATED MAJORS

- Applied Science
- Agronomy
- Environmental Restoration Science
- Geology
- Computer Science
- Mechanical Systems Management

What current Engineering students are doing:

- Stephanie Vavra, Mechanical Engineering student, is currently interning at NASA in the “Mars Sandbox” lab where she is working on Mars Rovers that will retrieve samples another robot drops on the ground.

- Andy Mason, double major in chemical engineering and geology, spent his third year interning at Los Alamos National Labs in New Mexico where he is working on advanced energy projects ranging from nuclear plutonium batteries to chemical fuel cells.

EXAMPLE SCHEDULE

1st Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Engineering Seminar</td>
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<tr>
<td>Math</td>
<td>5 hrs</td>
</tr>
<tr>
<td>Engineering Science</td>
<td>4 hrs</td>
</tr>
<tr>
<td>Exploratory Engineering Course</td>
<td>1 hr</td>
</tr>
<tr>
<td>ACE 5 (ex. History)</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ACE 7 (ex. music)</td>
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   16 hrs

2nd Semester

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<thead>
<tr>
<th>Course</th>
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<tbody>
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<td>5 hrs</td>
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<tr>
<td>Engineering Science</td>
<td>4 hrs</td>
</tr>
<tr>
<td>Exploratory Engineering Course</td>
<td>3 hrs</td>
</tr>
<tr>
<td>ACE 9 (ex. Ethnic Studies)</td>
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</tr>
</tbody>
</table>

   15 hrs

COLLEGE OF ENGINEERING REQUIREMENTS FOR CURRENT STUDENTS

- The College of Engineering requires a minimum of a 2.5 cumulative GPA in order to declare a major within the college.
- Students must be ready to take Calculus in order to declare a major within the College of Engineering.

CONNECT WITH US

Explore Center Recruitment Team
402.472.6196 | explorecenterrecruitment@unl.edu

The University of Nebraska does not discriminate based upon any protected status. Please see go.unl.edu/nondiscrimination.