INNOVATION, LEADERSHIP & ENGINEERING ENTREPRENEURSHIP (ILEE), BS

for the degree of Bachelor of Science in Innovation, Leadership & Engineering Entrepreneurship

center website: http://www.tec.illinois.edu

college website: https://grainger.illinois.edu/

overview of college admissions & requirements: The Grainger College of Engineering (https://grainger.illinois.edu/admissions/)

The Technology Entrepreneur Center offers studies leading to the Bachelor of Science in Innovation, Leadership and Engineering Entrepreneurship (ILEE). The BS in ILEE degree is intended for Grainger Engineering students to better understand the innovative processes involved in identifying problems and creating, developing, and leading efforts to provide their engineering solutions. The curriculum is based on a sound disciplinary engineering technical core with additional aspects of problem identification and innovation, and complex multidisciplinary engineering project management and leadership.

Currently, the BS in ILEE degree is only being offered as a dual degree for current Grainger Engineering students.

Students should follow their Grainger Engineering primary/first department’s curriculum and take the additional 31 hours of ILEE Orientation and Technical Core.

Overview of Curricular Requirements
The curriculum requires 128 hours for graduation from student’s Grainger Engineering primary/first department curriculum and take 31 additional hours of ILEE Technical core (total: 159 credit hours).

Innovation, Leadership and Engineering Entrepreneurship Orientation

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>TE 100</td>
<td>Introduction to Innovation, Leadership and Engineering Entrepreneurship</td>
<td>1</td>
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Total Hours: 1

Innovation, Leadership and Engineering Entrepreneurship Technical Core

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>TE 250</td>
<td>From Idea to Enterprise</td>
<td>2</td>
</tr>
<tr>
<td>TE 333</td>
<td>Creativity, Innovation, Vision</td>
<td>4</td>
</tr>
<tr>
<td>TE 360</td>
<td>Lectures in Engineering Entrepreneurship</td>
<td>1</td>
</tr>
<tr>
<td>SE 361</td>
<td>Emotional Intelligence Skills</td>
<td>3</td>
</tr>
<tr>
<td>TE 398</td>
<td>Special Topics II (Innovation and Engineering Design)</td>
<td>2</td>
</tr>
<tr>
<td>TE 401</td>
<td>Developing Breakthrough Projects</td>
<td>4</td>
</tr>
<tr>
<td>TE 450</td>
<td>Startups: Incorporation, Funding, Contracts, &amp; Intellectual Property</td>
<td>3</td>
</tr>
</tbody>
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Total Hours: 30

Suggested Sequence
Students should follow their Grainger Engineering primary/first department’s curriculum and take the additional 31 hours of ILEE curriculum as shown below.

First Year

Second Semester
- TE 100 or TE 200 Introduction to Innovation, Leadership and Engineering Entrepreneurship 1
- TE 250 From Idea to Enterprise 2
  - Semester Hours 3

Second Year
First Semester
- TE 230 Design Thinking/Need-Finding 3
  - Semester Hours 3

Second Semester
- TE 333 Creativity, Innovation, Vision 4
- TE 360 Lectures in Engineering Entrepreneurship 1
  - Semester Hours 5

Third Year
First Semester
- SE 361 Emotional Intelligence Skills 3
- TE 398 Special Topics II (Innovation and Engineering Design) 2
  - Semester Hours 5

Second Semester
- TE 401 Developing Breakthrough Projects 4
  - Semester Hours 4

Fourth Year
First Semester
- TE 461 Technology Entrepreneurship 3
- TE 466 High-Tech Venture Marketing 2
  - Semester Hours 5

Second Semester
- TE 450 Startups: Incorporation, Funding, Contracts, Intellectual Property 3
- TE 498 Special Topics III (Leading Sustainable Change) 3
  - Semester Hours 6

Total Hours: 31

Information listed in this catalog is current as of 07/2021