INNOVATION, LEADERSHIP & ENGINEERING ENTREPRENEURSHIP (ILEE), BS

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

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 and Chemical 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>
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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>
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</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>
<tr>
<td>TE 461</td>
<td>Technology Entrepreneurship</td>
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</tr>
<tr>
<td>TE 466</td>
<td>High-Tech Venture Marketing</td>
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<tr>
<td>TE 498</td>
<td>Special Topics III (Section GS)</td>
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</tr>
<tr>
<td>TE 230</td>
<td>Design Thinking/Need-Finding</td>
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Total Hours: 30

Total Hours of ILEE Curriculum to Graduate: 31

Sample 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

<table>
<thead>
<tr>
<th>Second Semester</th>
<th>Hours</th>
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<tbody>
<tr>
<td>TE 100 or 200</td>
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<tr>
<td>TE 250</td>
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Second Year

<table>
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<tr>
<th>First Semester</th>
<th>Hours</th>
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<td>TE 230</td>
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<table>
<thead>
<tr>
<th>Second Semester</th>
<th>Hours</th>
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<tbody>
<tr>
<td>3 TE 333</td>
<td>4</td>
</tr>
<tr>
<td>Third Year</td>
<td>Hours</td>
</tr>
<tr>
<td>------------</td>
<td>-------</td>
</tr>
<tr>
<td>First Semester</td>
<td></td>
</tr>
<tr>
<td>SE 361</td>
<td>3</td>
</tr>
<tr>
<td>TE 398 (Innovation and Engineering Design)</td>
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</tr>
<tr>
<td></td>
<td>5</td>
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<tr>
<td>Fourth Year</td>
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</tr>
<tr>
<td>First Semester</td>
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</tr>
<tr>
<td>TE 461</td>
<td>3</td>
</tr>
<tr>
<td>TE 466</td>
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<tr>
<td></td>
<td>5</td>
</tr>
<tr>
<td>Total Hours</td>
<td>31</td>
</tr>
</tbody>
</table>

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Information listed in this catalog is current as of 08/2022