### Flowchart USF BS in Industrial Engineering (B.S.I.E.) Fall 2020 Catalog, 128 hours

**Lower Division (formerly pre-major) Status**

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall 14 hrs</td>
<td>Spring 17 hrs</td>
<td>Fall 13 hrs</td>
<td>Spring 15 hrs</td>
</tr>
</tbody>
</table>

#### Year 2

**Upper Division (formerly major) Status**

<table>
<thead>
<tr>
<th>Year 3</th>
<th>Year 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall 15 hrs</td>
<td>Spring 15 hrs</td>
</tr>
</tbody>
</table>

**Term & Sequence**

- **F** = Fall
- **S** = Spring
- **Su** = Summer (tentative)
- **CL** = Core Elective
- **Pre** = Pre-requisite
- **Pre/Co** = Pre/Co-requisite
- **E** = Elective

A cumulative GPA of 3.0 is required in bold-bordered courses to be eligible for Progression to Upper Division (major), min grade C in ea., best attempt. Req. 2.5 USF & Overall GPA.

**Course and Major Notes**

- **MIN GRADES:** Unless otherwise stated, min grade C in degree applicable math, science, engineering, and specialization courses.
- **MIN GPA:** 2.0 Semester, Engineering, Specialization, USF, and Overall

**General Education Notes**

- **Course meets Enhanced General Education Requirement:**
  - Students must meet the Civic Literacy requirement with credit for AMH 2020, POS 2041 or passing the Civics Literacy test.
  - High priority courses to be completed ASAP.

- **EIN 3443 is a prerequisite with a min grade of “B”**

**Course and Major Notes**

- **Senior Design Project is a full academic year experience, therefore it must be taken sequentially in the same academic year.**

**NOTE:** This flow chart is provided as a guide; the catalog is the definitive source of requirements.