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

USF BS in Chemical Engineering (B.S.C.H.)

Flowchart

Lower Division (formerly pre-major) Status

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
<th>Summer terms</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall 16 hrs</td>
<td>Spring 15 hrs</td>
<td>Fall 17 hrs</td>
</tr>
</tbody>
</table>

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>

- **Fall 2020 Catalog, 131 hours**

**Term & Sequence**

- Pre-requisite
- Pre/Co-requisite
- Co-requisite

**Upper Division Progression (formerly Admission)**

- CHM 2045L Chemistry I Lab 1 hr F, S, Su
- CHM 2046L Chemistry II Lab 1 hr F, S, Su
- CHM 2046 General Chemistry II 3 hrs F, S, Su
- ECH 3002 Intro to ChBME 2 hrs F, S
- MAC 2281 or MAC 2311 Calculus I 4 hrs F, S, Su
- PHY 2048 General Physics I Lab 1 hr F, S, Su
- EGN 3000 Foundations of Engineering 3 hrs F, S
- EGN 3000L Foundations of Eng Lab (Creative Thinking) 3 hrs F, S
- ENC 1101 Composition I 3 hrs F, S, Su
- ENC 1102 Composition II 3 hrs F, S, Su

**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.

**Course and Major Notes**

- MIN GPA: 2.0 Semester, Engineering, Specialization, USF, and Overall
- High priority courses to be completed ASAP.
- Take 3 electives over multiple summer terms. One each term.

**MIN GRADES:** Unless noted, min grade C in math & science, min C (not C-) in engineering and specialization courses that are prereq for other courses, else grade D.

- Max 2 attempts to earn required course grade. Max 3 D, F, or W grades in any combination in specialization courses.

Updated 11/2/2020