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

**Flowchart**

**USF BS in Civil Engineering (B.S.C.E.)**

**Fall 2021 Catalog, 131 hours**

**Lower Division Status**

<table>
<thead>
<tr>
<th>Term &amp; Sequence</th>
<th>Progression to the Upper Division</th>
<th>General Education Notes</th>
<th>Course and Major Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>F = Fall</td>
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<tr>
<td>S = Spring</td>
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<td>Su = Summer</td>
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<td>(tentative)</td>
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</tbody>
</table>

### Lower Division Status

- **Fall 14 hrs**
  - EGN 3000 Foundations of Engineering
  - MAC 2281 or MAC 2311 Calculus I
  - CHS 2440 Chemistry for Engineers

- **Spring 17 hrs**
  - EGN 1113 Intro to Design Graphics
  - PHY 2048 General Physics I
  - PHY 2048L General Physics I Lab

- **Fall 17 hrs**
  - EGN 4453 Numerical & Comp Tools I
  - PHY 2049 General Physics II
  - PHY 2049L General Physics II Lab

- **Winter (tentative)**
  - EGN 3311 Mechanics of Materials
  - ENC 1101 Composition I

- **Spring 16 hrs**
  - EGN 4454 Numerical & Comp Tools II
  - ENC 1102 Composition II
  - EGN 4331L Mechanics of Materials Lab

### Year 1

- **Fall 14 hrs**
  - EGN 3310 General Lab

- **Spring 17 hrs**
  - EGN 3332 Statics

### Year 2

- **Fall 17 hrs**
  - EGN 3333 Mechanics of Materials

- **Spring 17 hrs**
  - EGN 3334 Mechanics of Materials Lab

### Year 3

- **Fall 17 hrs**
  - EGN 3335 Fluid Mechanics

- **Spring 16 hrs**
  - EGN 3336 Statics

### Year 4

- **Fall 17 hrs**
  - EGN 3337 Statics

- **Spring 15 hrs**
  - EGN 3338 Statics

**Upper Division Status**

- **Fall 15 hrs**
  - EGN 3343 Thermodynamics I
  - EGN 3344 Thermodynamics II
  - EGN 3345 Thermodynamics III

- **Spring 15 hrs**
  - EGN 3346 Thermodynamics IV
  - EGN 3347 Thermodynamics V
  - EGN 3348 Thermodynamics VI

- **Fall 15 hrs**
  - EGN 3349 Thermodynamics VII
  - EGN 3350 Thermodynamics VIII
  - EGN 3351 Thermodynamics IX

- **Spring 15 hrs**
  - EGN 3352 Thermodynamics X
  - EGN 3353 Thermodynamics XI
  - EGN 3354 Thermodynamics XII

**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**

- **Max 2 attempts to earn required course grade (W, F, U, R counts).**
- **MIN GRADES: Unless noted, min grade C - Max two D grades are allowed in engineering and specialization courses, see Civil Advisor.**
- **MIN GPA: 2.0 Semester, Engineering, Specialization, USF, and Overall**

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- **Term & Sequence:**
  - F = Fall
  - S = Spring
  - Su = Summer (tentative)
- **Progression to the Upper Division:**
  - A cumulative GPA of 3.0 is required in bold-bordered courses to be eligible for Progression to Upper Division, min grade C in ea., best attempt. Req. 2.0 USF & Overall GPA.
  - Restricted classes. Max 2 classes may be taken as a Lower Division student.
- **General Education Notes:**
  - Course meets Enhanced General Education Requirement.
  - High priority continuation courses.
  - These courses require a cumulative 2.5 GPA for continuation in the major.
- **Course and Major Notes:**
  - MIN GRADES: Unless noted, min grade C - Max two D grades are allowed in engineering and specialization courses, see Civil Advisor.
  - MIN GPA: 2.0 Semester, Engineering, Specialization, USF, and Overall