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

### Lower Division Status

- **Fall 16 hrs**
  - CHM 2045L Chemistry I Lab 1 hr F, S, Su
- **Spring 15 hrs**
  - CHM 2046L Chem, II Lab 1 hr F, S, Su
  - BSC 2010 Biology I Cell Processes 3 hrs F, S, Su
- **Spring 14 hrs**
  - CHM 2210L Organic Chem I Lab 2 hrs F, S, Su
  - ECH 3854 ChBME Computations 3 hrs F, S

### Upper Division Status

#### Year 3
- **Spring 15 hrs**
  - CHM 2210 Organic Chemistry I 3 hrs F, S, Su
  - EGN 3433 Mod Anly Eng or MAP 2602 3 hrs F, S, Su
  - CHBME Upper Level Elective 3 hrs F, S, Su
  - EGN 3266 Transport Phenomena I 3 hrs F, Su

#### Year 4
- **Spring 14 hrs**
  - ECH 4267 Transport Phenomena II 3 hrs S, Su
  - ECH 4418 Separations 3 hrs S, Su

### Course and Major Notes

- **Course meets Enhanced General Education Requirement.** Min Grade C.
- **High priority courses to be completed ASAP.**
- **Take 3 electives over multiple summer terms. One each term.**

**Term & Sequence**

- F = Fall
- S = Spring
- Su = Summer

**Progression to the Upper Division**

- For progression to the Upper Division (major status) complete ECH 3023 with min grade C by 5th term (FYS) or 3rd term (transfer). Summer terms not counted. USF & Overall GPA 2.0.
- Restricted classes. Max 2 classes may be taken as a Lower Division student.

**General Education Notes**

- MIN GPA: 2.0 Semester, Engineering, Specialization, USF, and Overall
- **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.

**Course & Major Notes**

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

**Legend**

- **CL** General Elective: 3 hrs F, S, Su