CHEMICAL ENGINEERING
FIELD OF STUDY CURRICULUM
Board Approval Date: July 2017
Effective Date: September 2018
Next Scheduled Revision: Summer 2022

The Chemical Engineering FOS applies to all baccalaureate programs in the following CIP codes:

14.0701 Chemical Engineering
14.0702 Chemical and Biomolecular Engineering

Chemical Engineering Field of Study

Prefix & Number	Course Name	Semester Credit Hours
MATH 2413	Calculus I	4
MATH 2414	Calculus II	4
MATH 2415	Calculus III	4
I. CHEM 1412 II: A. CHEM 1312 B. CHEM 1112	Choose one of the following: I. Chemistry II (lecture + lab) II: A. Chemistry II (lecture) B. Chemistry II (lab)	4
I. CHEM 2423 II: A. CHEM 2323 B. CHEM 2123	Choose one of the following: I. Organic Chemistry I (lecture + lab) II: A. Organic Chemistry I (lecture) B. Organic Chemistry I (lab)	4
I. CHEM 2425 II: A. CHEM 2325 B. CHEM 2125	Choose one of the following: I. Organic Chemistry II (lecture + lab) II: A: Organic Chemistry II (lecture) B. Organic Chemistry II (lab)	4

Prefix & Number	Course Name	Semester Credit Hours
I. PHYS 2425 II: A: PHYS 2325 B: PHYS 2125	Choose one of the following: I. University Physics I (lecture + lab) II: A. University Physics I (lecture) B. University Physics II (lab)	4
I. PHYS 2426 II: A. PHYS 2326 B. PHYS 2126	Choose one of the following: I. University Physics II (lecture + lab) II: A. University Physics II (lecture) B. University Physics II (lab)	4
ENGR 2333	Elementary Chemical Engineering	3

TOTAL: 35

Courses in the Field of Study must transfer at all Texas public institutions of higher education and must be applied to the student's degree program in Chemical Engineering and related degree programs.