

**CIVIL ENGINEERING
FIELD OF STUDY CURRICULUM**

Board Approval Date: July 2017
Effective Date: September 2018
Next Scheduled Revision: Summer 2022

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

14.0801 Civil Engineering, General

Civil 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
MATH 2320	Differential Equations	3
I. CHEM 1409 II: A. CHEM 1309 B. CHEM 1109	Choose one: I. General Chemistry for Engineering Majors (lecture + lab) II: A. General Chemistry for Engineering Majors (lecture) B. General Chemistry for Engineering Majors (lab)	4
I. PHYS 2425 II: A. PHYS 2325 B. PHYS 2125	Choose one: 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: I. University Physics II (lecture + lab) II: A. University Physics II (lecture) B. University Physics II (lab)	4
ENGR 1304	Engineering Graphics	3
ENGR 2301	Engineering Mechanics: Statics	3
ENGR 2302	Engineering Mechanics: Dynamics	3
ENGR 2332	Mechanics of Materials	3

TOTAL: 39

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 Civil Engineering and related degree programs.