

**COMPUTER SCIENCE & INFORMATION TECHNOLOGY
FIELD OF STUDY CURRICULUM**

Board Approval Date: July 2019

Effective Date: September 2020

Next Scheduled Revision: Summer 2024

The Computer Science & Information Technology FOS applies to all baccalaureate programs in the following CIP codes:

- 11.0101 Computer and Information Sciences, General
- 11.0202 Computer Programming, Special Applications
- 11.0701 Computer Science

Computer Science & Information Technology Field of Study

Prefix & Number	Course Name	Semester Credit Hours
A. PHYS 2425 B: 1. PHYS 2325 2. PHYS 2125	Choose one of the following: A. University Physics I (lecture + lab) B: 1. University Physics I (lecture) 2. University Physics I (lab)	4
A. PHYS 2426 B: 1. PHYS 2326 2. PHYS 2126	Choose one of the following: A. University Physics II (lecture + lab) B: 1. University Physics II (lecture) 2. University Physics II (lab)	4
MATH 2413	Calculus I (4 SCH version)	4
MATH 2414	Calculus II (4 SCH version)	4
MATH 2305	Discrete Mathematics	3
COSC 1436	Programming Fundamentals I	4
COSC 1437	Programming Fundamentals II (4 SCH version)	4

COSC 2436	Programming Fundamentals III (4 SCH version)	4
A. COSC 2325 B. COSC 2425	Choose one of the following: A. Computer Organization (3 SCH version) B. Computer Organization (4 SCH version)	3-4

TOTAL: 34-35

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 Computer Science & Information Technology and related degree programs.