

## BS Computer Science

### BS CS Degree Plan, Effective Fall, 2018

#### First Year Fall Semester

Core: ENG 1301 College Reading & Writing	3
Core: HIST 1301 US History to 1877	3
Core: Component Area Option	3
Advisor Approved Elective	3

**Semester Total**                      12

#### First Year Spring Semester

Core: ENG 1302 Written Argument/Research	3
Core: HIST 1302 US History from 1865	3
COSC 1337 Programming Fundamentals II	3
COSC 2325 Machine Language & Computer Organization	3
Advisor Approved Elective	3

**Semester Total**                      15

#### Second Year Fall Semester

Core & Support: Life & Physical Science Sequence (PHYS 2425)	4
Core & Support: Math (MATH 2413 Calculus I)	4
Core: PSCI 2301 Princ of US and Tex Gov	3
COSC 2336 Data Structures & Algorithms	3
CSCI 380 Web Programming & Interface	3

**Semester Total**                      17

#### Second Year Spring Semester

Core & Support: Life & Physical Science Sequence (PHYS 2426)	4
Core & Support: Component Area Option (MATH 2414 Calculus II)	4
Core: PSCI 2302 US/TX Gov; Insts & Pols	3
CSCI 340 Introduction to Database	3
CSCI 359 Systems Anlys & Design	3

**Semester Total**                      17

#### Third Year Fall Semester

CSCI 440 App Software Project Development	3
CSCI 428 Introduction to Object Oriented Programming	3
MATH 2305 Discrete Mathematics	3
ENG 341 Technical Writing or MGT 303 Business Communications	3
Additional 4 Credit Hours of Science (ESCI, BSC, PHYS, CHEM or IS)	4

**Semester Total**                      16

#### Third Year Spring Semester

Core: Social and Behavioral Sciences	3
CSCI 430 Introduction to Operating Systems	3
Advanced CSCI 300/400	3
MATH 2318 Linear Algebra	3
PHYS 332 Digital Logic & Circuitry	4

**Semester Total**                      16

#### Fourth Year Fall Semester

Core: Language, Philosophy, and Culture	3
CSCI 434 Introduction to Computer Networks	3
Advanced CSCI 300/400	3
MATH 401 Intro to Math Statistics	3
Advisor Approved Elective	3

**Semester Total**                      15

#### Fourth Year Spring Semester

Core: Creative Arts	3
CSCI 415 GLB/Information Sec, Law, & Ethics	3
Advanced CSCI 300/400	3
Advisor Approved Elective	3

**Semester Total**                      12

Completed Courses

In-Progress Courses

Suggested Courses

**Degree Total = 120**