Software Engineering, BS
Bachelor of Science, 2024 Catalog Year
TSSERBS

FALL-1

ENG 101 (3) 1st-Year Comp.
ENG 102 (3) 1st-Year Comp.
MAT 265 (3) CALC I
ASU101-CAI (1) ASU Experience
CSE110 (3) Principles of Programming Java
FSE100 (2) Intro to Engineering
HUAD (3)

15 HOURS

FALL-2

ENG 101 (3) 1st-Year Comp.
ENG 102 (3) 1st-Year Comp.
MAT 266 (3) CALC II
CSE 205 (3) Object-Oriented Programming
CSE 240 (3) Programming Languages
SOBE (3)

15 HOURS

FALL-3

MAT 267 (3) CALC III OR MAT 275 (3) DIFF EQ
MAT 243 (3) Discrete Math
MAT 240 (3) Design Analysis of Data
Rec. CSE 240 before SER

16 HOURS

FALL-4

IEE 380 (3) Prob/Stats
PHY121 (3) & PHY122 (1)
SER 222 (3) Design Analysis of Data
Rec. CSE 240 before SER

16 HOURS

FALL-5

MAT 343 (3) Applied Linear Algebra
SER 322 (3) Principles of Database Mgmt.
SER 316 (3) Software Enterprise II Construction
SER 334 (3) Operating Systems & System Programming

16 HOURS

FALL-6

AMIT (3)
SUST (3)
SER 416 (3) Software Enterprise IV Project & Processes

15 HOURS

FALL-7

SER 4XX (3)
SER 415 (3) Software Enterprise III Inception

15 HOURS

FALL-8

SER 4XX (3)
SER 401 (3) Computing Capstone I
SER 402 (3) Computing Capstone II

12 HOURS

Notes: Shaded courses designate critically tracked requirements.
Prerequisite ——— Co-requisite

*** Requires placement exam score and may require additional courses dependent on placement.
Color Coding Key: Completed Requirements Enrolled Need to Retake
+Pre-or co-requisite is FSE100.