BS in Software Engineering
UNDERGRADUATE CURRICULUM

Year One

GCIS-123
SWEN-101
MATH-181
Social Per.
Global Per.
YOPS-010

GCIS-124
SWEN-250
MATH-182
MATH-190
UWRT-150

Year Two

SWEN-261
SWEN-344
PHYS-211
COMM-253
Art Per.
SWEN-99

SWEN-262
SWEN-256
STAT-205
Lab
Science
Ethical Per.

Year Three

Co-Op Summer

SWEN-340
SWEN-444
MATH-241
Immersion 1

BS-SE
Prof. Elective

Co-Op Spring

Year Four

SWEN-331
SWEN-440
CSCI-261
Math/Science
Immersion 2

Co-Op Spring

This is a companion to the BS-SE Flowchart with key differences highlighted

CABM Checkpoint

Combined and Acclerated Masters (CABM) is the same dual-degree program as BS/MS

SWEN-601 and SWEN-610 are waived for BS/MS students

Key

- ⬛ Course sequence is the same as BS SE Flowchart
- 🟧 Software Engineering courses different than BS SE Flowchart
- ⬡ Graduate SE courses

This is a **recommended** course sequence, but individual schedules **will vary**. **Not all pre-requisites** are shown here. Please verify pre-requisites in your planning. Please seek the guidance of your academic advisor as necessary.

MS in Software Engineering
GRADUATE CURRICULUM

Year Five

SWEN-561
Immersion 3
Open Elective
Open Elective

SWEN-562
Math/Science
Open Elective
Open Elective

BS-SE
Eng. Elective

Research
Methods SWEN-640

Model Driven
Dev SWEN-746
double counts
BS-SE Design

Collab. SE
SWEN-732
double counts
BS-SE Process

SWEN-746 is typically only available in Fall semesters

SWEN-732 is typically only offered in Spring semesters

Year Six

Indep. Study
SWEN-799

SW Architecture
SWEN-755

SW Quality
Assur.
SWEN-777

Graduate
Elective

SWEN-790
Thesis
(6 credits)

Graduate
Elective

BS/MS Students must take Thesis

When you reach 127 credits, you matriculate as a graduate student. For financial questions, contact the Office of Financial Aid and Scholarships.

Official Curriculum