

Software Engineering Minor 2023-2024

Please consult with SFWE advisor for details:

sfwe-advisor@engr.arizona.edu

| Core Requirements: | | | | |
|---|------------------|---|------|---|
| Computer Programming I Co-req: MATH 122a/b or MATH 125 | ECE 175 | 3 | F/SP | <i>SIE Majors will also be required to complete SFWE 101 due to double-dipping restrictions.</i> |
| Computer Programming II Pre-req: ECE 175 | ECE 275 | 3 | F/SP | |
| Select 4 of the following courses: | | | | |
| Discrete Struct & Basic Alghms Pre-req: MATH 243 & ECE 275 | CSC 355 (or 345) | 3 | F/SP | |
| SW Requirements Analysis & Test Pre-req: ECE 275 | SFWE 301 | 3 | F | |
| SW Design Process Pre-req: SFWE 301 | SFWE 302 | 3 | SP | |
| SW Assurance & Security Pre-req: ECE 275 | SFWE 401 | 3 | SP | |
| SW DevSecOps Pre-req: ECE 275 | SFWE 402 | 4 | SP | |
| SW Project Management Pre-req: SFWE 301 | SFWE 403 | 3 | F | |
| SW for Industrial Control Systems Pre-req: SFWE 401 | SFWE 411 | 3 | F | |
| Foundations of SW Engineering Pre-req: ECE 175 | SFWE 407 | 3 | SP | <i>Not available to those who have taken SFWE 101</i> |

Notes:

Total of 6 classes
18 units minimum
12 upper division units minimum
2.0 GPA minimum

Please Note: We do not accept CSC 110 or 120

To Declare, students must have:

- 2.0 GPA
- Calculus I completed with a C or higher (or sufficient AP credit)
- Declared major (cannot be any No Major Selected majors)

<https://engineering.arizona.edu/academic-policies/declare-minor>