

Software Engineering Minor 2024-2025

Please consult with an advisor for details:

undergradadvisor@ece.arizona.edu

Total of 6 classes

19 units minimum

12 upper division units minimum

2.0 GPA minimum

Please Note: We do not accept CSC 110 or 120

Core Requirements:			
Computer Programming I Co-req: Concurrent Enrollment in MATH 120r	ECE 101	4	
Computer Programming II Pre-req: ECE 101	ECE 201	3	
Select 4 of the following courses:			
Discrete Struct & Basic Algorithms Pre-req: MATH 243 & ECE 201	CSC 355 (or 345)	3	
SW Requirements Analysis & Test Pre-req: ECE 201	SFWE 301	3	
SW Design Process Pre-req: SFWE 301	SFWE 302	3	
SW Assurance & Security Pre-req: ECE 201	SFWE 401	3	
SW DevSecOps Pre-req: ECE 201	SFWE 402	4	
SW Project Management Pre-req: SFWE 301	SFWE 403	3	
Foundations of SW Engineering Pre-req: ECE 101	SFWE 407	3	<i>Not available to those who have taken SFWE 101</i>
SW for Industrial Control Systems Pre-req: ECE 201	SFWE 411	3	
Principles of Cloud Computing Pre-req: ECE 369A	SFWE 409	3	
Cloud Native Pre-req: SFWE 302	SFWE 410	3	