The University of Arizona - Yuma
Software Engineering
2022-2023 IVC Curriculum Check List

A. General Education Requirement	Status
IGETC-CSU	Approved
CSU GEB- English 201 Required in Area A.3	Approved

Recommendation: Use lower division major prep to fulfill general education pattern requirements.

B. Lower Division Major Requirements

Category	U of A Course	IVC Equivalent	Articulation Status	IGETC-CSU	CSUGEB	Notes
Composition						
First Year Composition	ENGL 101	ENGL 110 or 105	Approved	Area 1A	Area A2	Equivalent Course
First Year Composition	ENGL 102	ENGL 201 or 204	Approved	Area 1B	Area A3	Equivalent Course
Mathematics						
Calculus I with Applications	MATH 122B	MATH 192	Approved	Area 2	Area B4	Equivalent Course
Calculus II	MATH 129	MATH 194	Approved	Area 2	Area B4	Equivalent Course
Calculus Vector Calculus	MATH 223	MATH 210	Approved	Area 2	Area B4	Equivalent Course
Discrete Mathematics	MATH 243	MATH 240	Approved	Area 2	Area B4	Equivalent Course
Science						
General Chemistry I	CHEM 152	CHEM 200	Approved	Area 5A & 5C	Area B1 & B3	Equivalent Course
General Chemistry II	CHEM 152	CHEM 202	Approved	Area 5A & 5C	Area B1 & B3	Equivalent Course
Introductory Mechanics	PHYS 141	PHYS 200	Approved	Area 5A & 5C	Area B1 & B3	Equivalent Course
Intro. Electricity and Magnetism	PHYS 241	PHYS 202	Approved	Area 5A & 5C	Area B1 & B3	Equivalent Course
Engineering						
Intro to Software Engineering	SFWE 101		UA Only (prerequisite MATH 192)			
Software Engineering Colloquium	SFWE 201		UA Only (prerequisite MATH 192)			
Computer Programming/Engr	ECE 175		AWC: EGR 123 (prerequisite: MATH 190)			
Computer Programming/Engr II	ECE 275		UA Only (prerequisite: ECE 175)			
Digital Logic	ECE 274a		UA Only (prerequisite MATH 194, ECE 175)			
Object Oriented Modeling/Design	SIE 277		Complete at U of A Yuma (Prerequisites: IVC MATH 192 & CS 221)			

Online Advising is available:
To schedule an online appointment with a Univ. of Arizona advisor please contact:
IVC Transfer Center Office Assistant Edgar Espinoza at 760 355 6274 or email at edgar.espinoza@imperial.edu
U of A Yuma Academic Program Advisor at (928) 210 - 7202.

Students desiring an IVC associate degree should work with an IVC counselor to determine the degree that will best suit their academic and career goals.
The U of A Gender and Diversity requirement is now fulfilled through completing IGETC or CSU GEB.