



## The University of Arizona - Yuma Engineering Management 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
<b>Composition</b>						
First Year Composition	ENGL 101	ENGL 110	Approved	Area 1A	Area A2	Equivalent Course
First Year Composition	ENGL 102	ENGL 201 or 204	Approved	Area 1B	Area A3	Equivalent Course
<b>Mathematics</b>						
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
<b>Science</b>						
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
<b>Engineering</b>						
Programming for Engineers	CSC 110	CS 221	Approved	N/A	N/A	Equivalent Course
Statics	CE 214	ENGR 210	Pending	N/A	N/A	Under Review
Intro to Engineering	ENGR 102	ENGR 100 (Pending)				
Intro to Electrical Engineering	ECE 207	Spring AWC: EGR 207 (Prerequisite/Co-requisite: Differential Equations and Physics – Electricity and Magnetism)				
Elements of Chem Engineering I	CHEE 201	Complete at U of A Yuma (Prerequisites: CHEM 202 & MATH 194 Completed or Co-requisite)				
Systems & Industrial Colloq.	SIE 295S	Complete at U of A Yuma (Prerequisite: SIE 265)				
Mathematical Foundations	SIE 270	Complete at U of A Yuma ( Prerequisites: Math 194 & PHYS 200 & 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](mailto:edgar.espinoza@imperial.edu)

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 satisfied through the completion of CSU GEB or IGETC.