



The University of Arizona - Yuma  
Computer Science  
2021-2022 IVC Curriculum Check List



| A. General Education Requirement  |                               |                         |                       |                              |                              | Status                                 |
|---|-------------------------------|-------------------------|-----------------------|------------------------------|------------------------------|--|
| IGETC-CSU   |                               |                         |                       |                              |                              | Approved                               |
| CSU GEB – English 201 or 204 required in area A.3 Critical Thinkin  |                               |                         |                       |                              |                              | 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                                  |
| Computer Science Pre Major Courses  |                               |                         |                       |                              |                              |  |
| Intro to Comp Prog. I   | CSC 110                       | CS 221                  | Approved              | N/A                          | N/A                          | Equivalent Course                      |
| Intro to Comp Prog II   | CSC 120                       | CS 231                  | Approved              | N/A                          | N/A                          | Equivalent Course                      |
| Software Development  | CSC 210                       | CS 221 + CS 231         | Sequence Articulation | N/A                          | N/A                          | Dept. Approved for Program             |
| Intro to Disc. Structure  | MATH 243                      | MATH 240 or<br>CS 240   | Approved<br>Pending   | Area 2<br>N/A                | Area B4<br>Area B4           | Dept. Approved for Program<br>Pending  |
| Math Requirement  |                               |                         |                       |                              |                              |  |
| Calculus Preparation  | MATH 120R                     | MATH 190                | Approved              | Area 2                       | Area B4                      | Equivalent Course                      |
| Calculus I  | MATH 122B                     | MATH 192                | Approved              | Area 2                       | Area B4                      | Equivalent Course                      |
| Calculus II   | MATH 129                      | MATH 194                | Approved              | Area 2                       | Area B4                      | Equivalent Course                      |
| Computer Science Foundation Course  |                               |                         |                       |                              |                              |  |
| Computer Organization   | CSC 252                       | CS 281                  | Approved              | N/A                          | N/A                          | Equivalent Course                      |
| Supporting Science Requirement (+ <i>Only Physics 202 or Biol 182 is acceptable for the IVC CS AS-T; see below for additional courses acceptable in this area for U of A.</i> ) |                               |                         |                       |                              |                              |  |
| Introductory Mechanics  | PHYS 141                      | PHYS 200                | Approved              | Area 5A & 5C                 | Area B1 & B3                 | Equivalent Course                      |
| Intro Elec. & Magnetism   | PHYS 241 or<br>ECOL 182L&182R | PHYS 202 or<br>BIOL 182 | Approved              | Area 5A & 5C<br>Area 5B & 5C | Area B1 & B3<br>Area B2 & B3 | Equivalent Course<br>Equivalent Course |
| Graduation Requirement: <b>Foreign Language</b>   |                               |                         |                       |                              |                              |  |
| Completion of SPAN 110, FREN 110, AMSL 102 or higher level course, 3 or higher on AP Lang Exam or CLEP  |                               |                         |                       |                              |                              |  |
| Graduation Requirement: <b>Gender and Diversity</b> : Should be completed as part of IGETC-CSU or CSU GEB, select one course from the following:                                |                               |                         |                       |                              |                              |  |
| ANTH 102, ANTH/AIS 106, ANTH/AIS 108, COMM 150, CHIC 100 (formerly Span 262), HIST 101, HIST 160, HIST 220 , RELS 100 , SOC 150   |                               |                         |                       |                              |                              |  |
| Imperial Valley College: AS-T Computer Science for Transfer   |                               |                         |                       |                              |                              |  |

+ *Supporting Science Requirement: Select any two lab science courses from the following list:  
CHEM 200, CHEM 202, GEOL 100, BIOL 180, BIOL 200, BIOL 202, PHYS 200, PHYS 202*

**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.

