2026-2027 ASSOCIATE IN SCIENCE (A.S) AWC ADVISEMENT CHECK SHEET

To help you decide upon which courses to include in both the major and elective blocks, you and your advisor should consult university requirements (aztransfer.com) for specific required and recommended courses. Sign in to your Self-Service Student Planning account to load the recommended program map and to track your academic progress.

COMPUTER SCIENCE

Student Name	ID #	Advisor	Major Code: AS.CSCIE Credits: 67

Focuses on computers, computing problems and solutions, the design of computer systems and user interfaces from a scientific perspective. Includes instruction in the principles of computational science, and computing theory; computer hardware design; computer development and programming; and applications to a variety of end-use situations.

Required Major Courses (23 Credits)		Cr	Sem	Notes
CSC 127A	Intro to Computer Science 1 **OR**	4		
	CSC 127A prerequisite: MAT 150 or MAT 151 or approved higher level math			
EGR 123	Intro to Structured Programming			
	EGR 123 prerequisite: MAT 150 and MAT 183 or MAT 151 and MAT 183 or MAT 187			
CSC 127B	Intro to Computer Science 2	4		
CSC 261	Linux/UNIX Operating Systems	3		
MAT 227	Discrete Math	3		
	MAT 227 prerequisite: MAT 150 or MAT 151 or MAT 187			
MAT 230	Calculus II with Analytic Geometry	5		
MAT 241	Calculus III with Analytic Geometry	4		
Other Departmental Requirements (7 Credits)		**Cr**	**Sem**	**Notes**
CSC 252	Computer Organization **OR**	3		
CSC 253	Digital Logic			
CSC 210	Human Computer Interaction **OR**	4		
CSC 215	Artificial Intelligence			
Arizona General Education Curriculum - AGEC (37 44 Credits)		**Cr**	**Sem**	**Notes**
See the AGEC course list in the current catalog for selection of courses.				
Written and Oral Communication (9-10 credits) The first 6 credits must be composition, the remaining 3-4 credits can be in communication				
Written Communication (6 credits)				
ENG 101 or 107	Freshman Composition	3		
ENG 102 or 108	Freshman Composition	3		
Oral Communication (3-4 credits)				
Arts & Humanities (6-9 credits)				
PHI 103	Introduction to Logic	3		
Quantitative Reasoning (5 credits)				
MAT 220	Calculus I with Analytic Geometry **OR** approved higher level math	5		
	MAT 220 prerequisite: MAT 150 and MAT 183 or MAT 151 and MAT 183 or MAT 187			
Natural Sciences (8 credits)				
PHY 121	University Physics I	4		
PHY 131	University Physics II	4		
Social & Behavioral Sciences (6-9 credits)				
ECN 250	Principles of Microeconomics	3		
Institutions in the Americas (3 credits)				

***Dual Application of Courses** is the sharing of coursework between the AGEC and major or program requirements which allows the student to meet both requirements with a single course. Students must still meet the required number of credits to satisfy the program or degree.

List any courses used to satisfy program or degree credits due to dual application		
		Dual App
		Dual App