

2025-2026 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.

ENGINEERING			
Student Name	ID #	Advisor	Major Code: AS.ENGIN Credits: 60

This program prepares students for a wide variety of engineering majors at the university. Students should work closely with an Academic Advisor in their choice of courses as they consider which engineering specialty best fits their career goals.

Required Major Courses (7 Credits)		Cr	Sem	Notes
EGR 123	Structured Programming	3		
<i>EGR 123 prerequisite: MAT 150 and MAT 183 or MAT 151 and MAT 183 or MAT 187</i>				
EGR 188	Fundamentals of Engineering Design	4		

Other Departmental Requirements (20 Credits)		Cr	Sem	Notes
MAT 230	Calculus II with Analytic Geometry	5		
MAT 241	Calculus III with Analytic Geometry	4		
MAT 262	Introduction to Ordinary Differential Equations	3		
PHY 121	University Physics I	4		
PHY 131	Univeristy Physics II	4		

Arizona General Education Curriculum - AGECE (32-35 Credits)		Cr	Sem	Notes
See the AGECE 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 studies or

Written Communication (6 credits)		Cr	Sem	Notes
ENG 101 or 107	Freshman Composition	3		
ENG 102 or 108	Freshman Composition	3		

Oral Communication (3-4 credits)		Cr	Sem	Notes

Arts & Humanities (6-9 credits)		Cr	Sem	Notes

Quantitative Reasoning (3-4 credits)		Cr	Sem	Notes

Natural Sciences (4-8 credits)		Cr	Sem	Notes
CHM 151	General Chemistry I	4		

Social & Behavioral Sciences (6-9 credits)		Cr	Sem	Notes

Institutions in the Americas (3 credits)		Cr	Sem	Notes

General Electives (1 credits)		Cr	Sem	Notes

***Dual Application of Courses** is the sharing of coursework between the AGECE 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		Cr	Sem	Notes
				Dual App
				Dual App

