

2024-2025 ASSOCIATE IN ARTS (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: 64

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 (13 Credits)	Cr	Sem	Notes
MAT 230 Calculus II with Analytic Geometry	5		
MAT 241 Calculus III with Analytic Geometry	4		
PHY 131 Univeristy Physics II	4		
Arizona General Education Curriculum - AGEC-S (38 Credits)	Cr	Sem	Notes
See the AGEC-S course list in the current catalog for selection of courses.			
English Composition (6 credits)			
ENG 101 or 107 Freshman Composition	3		
ENG 102 or 108 Freshman Composition	3		
Mathematics (5 credits)			
MAT 220 Calculus I with Analytic Geometry OR approved higher level math	5		
<i>MAT 220 prerequisite: MAT 150 and MAT 183 or MAT 151 and MAT 183 or MAT 187</i>			
Arts/Humanities - Select at least one course from the Arts list and one course from the Humanities list. (6 credits)			
Arts:			
Humanities:			
Social and Behavioral Sciences (6 credits)			
Physical and Biological Sciences (8 credits)			
CHM 151 General Chemistry I	4		
<i>CHM 151 prerequisite: MAT 150 or MAT 151 or approved higher level math</i>			
CHM 152 General Chemistry II	4		
Additional Courses (7 credits)			
MAT 262 Introduction to Ordinary Differential Equations	3		
PHY 121 University Physics I	4		
General Electives (6 credits)	Cr	Sem	Notes
EGR 207, EGR 251, and EGR 252 recommended			

***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 and or courses that satisfy the Cultural (C) and Global (G) or Historical (H), or Writing Intensive (WI) awareness areas.

	Dual App
	Dual App
	C or G
	H
	WI