

## 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 for specific required and recommended courses.

PHYSICS				
<b>Student Name</b>	<b>ID #</b>	<b>Advisor</b>	<b>Major Code: AS.PHYSI</b> <b>Credits: 60</b>	

Physics is the study of nature's most basic interactions between matter and energy. This program prepares students for transfer to a university to major in physics or in a closely related career for which physics is an integral part.

For a recommended sequence of courses, view the program map in Self-Service or contact an Advisor.						
Required Major Courses (8 Credits)		Cr	Gr	Sem	App*	Notes
PHY 121	University Physics I	4				
PHY 131	University Physics II	4				
Other Departmental Requirements (15 Credits)		Cr	Gr	Sem	App*	Notes
EGR 123	Introduction to Structured Programming	3				
<i>EGR 123 prerequisite: Either MAT 187 or both MAT 150 and MAT 183 or MAT 151 and MAT 183</i>						
MAT 230	Calculus II with Analytic Geometry	5				
MAT 241	Calculus III with Analytic Geometry	4				
MAT 262	Introduction to Ordinary Differential Equations	3				
General Education Requirements (37-39 Credits)		Cr	Gr	Sem	App*	Notes
See the AGEC-S course list in the current catalog for selection of courses.						
English Composition (6 credits)						
ENG 101	Freshman Composition <b>OR</b>	3				
ENG 107	First-Year Composition I (for Multilingual Writers)					
ENG 102	Freshman Composition <b>OR</b>	3				
ENG 108	First-Year Composition II (for Multilingual Writers)					
Mathematics (5 credits)						
MAT 220	Calculus I with Analytic Geometry <b>OR</b> 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 at least 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 (6-8 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. This dual application of courses gives students the opportunity to include additional course work under general electives.

List any courses used to satisfy program or degree credits due to dual applicatio	Cr	Gr	Sem	App*	Notes
				<input type="checkbox"/>	
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One cultural (C) course and one global (G) or historical (H) course are required. Two writing intensive (WI) courses are required. ENG 101 is a prerequisite for all WI courses. Consult the current catalog for a list of approved courses.