

## 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.

### ENVIRONMENTAL SCIENCES - APPLIED GEOLOGY EMPHASIS

<b>Student Name</b>	<b>ID #</b>	<b>Advisor</b>	<b>Major Code: AS.ESGEO</b> <b>Credits: 64</b>
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Intended for students pursuing a career in fields such as environmental consulting, natural resource management, science education, or graduate school in the sciences. Two emphases are available: Applied Geology and Biology. Students may complete the BS degree with a Biology Emphasis entirely at NAU in Yuma. The Applied Geology Emphasis requires transfer to NAU in Flagstaff or elsewhere for the BS degree.

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
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ENV 230	Foundations of Environmental Science: Humans and the Environment	4			
ENV 280	Physical and Chemical Processes in Environment	4			

Other Departmental Requirements (19 Credits)	Cr	Gr	Sem	App*	Notes
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GLG 101	Introduction to Geology 1 (Physical)	4			
GLG 102	Introduction to Geology 2 (Historical)	4			
GLG 240	Introduction to Field Methods and Report Writing	2			
MAT 230	Calculus II with Analytic Geometry	5			
PHY 111	College Physics I	4			

*PHY 111 prerequisite: MAT 151 and MAT 183 or MAT 187 or approved higher level math*

General Education Requirements (37-39 Credits)	Cr	Gr	Sem	App*	Notes
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See the AGEC-S course list in the current catalog for selection of courses.

English Composition (6 credits)					
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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)					
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MAT 220	Calculus I with Analytic Geometry <b>OR</b> approved higher level math	5			
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*MAT 220 prerequisite: MAT 150 and MAT 183 or MAT 151 and MAT 183 or MAT 187*

Arts/Humanities - Select at least one course from the Arts list and at least one course from the Humanities list. (6 credits)					
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Arts:					
Humanities:					

Social and Behavioral Sciences (6 credits)					
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Physical and Biological Sciences (8 credits)					
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CHM 151	General Chemistry I	4			
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*CHM 151 prerequisite: MAT 150 or MAT 151 or approved higher level math*

CHM 152	General Chemistry II	4			
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Additional Courses (6-8 credits)					
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**\*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 application:	Cr	Gr	Sem	App*	Notes
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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 or 107 is a prerequisite for all WI courses. Consult the current catalog for a list of approved courses.