

## 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.

### BIOLOGY

<b>Student Name</b>	<b>ID #</b>	<b>Advisor</b>	<b>Major Code: AS.BIOL0</b> <b>Credits: 64</b>
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This program is designed for those students pursuing a career in biological sciences. Students who wish to pursue a pre-med preparation should follow this program as well. It is recommended that all students who wish to enter other related fields, such as medical technology or pre-professional health science (pre-dental, pre-optometry, pre-pharmacy, and pre-veterinary) should also follow this program and consult with an Academic Advisor for the appropriate courses and sequences for their particular field. Students may also be interested in the A.S. degree in Environmental Sciences with Biology Emphasis.

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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BIO 181	General Biology (Majors) I	4			
BIO 182	General Biology (Majors) II	4			

Other Departmental Requirements (19 Credits)	Cr	Gr	Sem	App*	Notes
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BIO 205	Microbiology	4			
MAT 270	Applied Statistics	4			

*MAT 270 prerequisite: MAT 142 or approved higher level math*

Select at least one of the following courses: (4 credits)

BIO 218	Pathophysiology	4			
ENV 230	Foundations of Environmental Science: Humans and the Environment	4			
BIO 254	Entomology	4			

Select at least 7 additional credits from the following courses (7 credits):

BIO 201, BIO 202, BIO 218, BIO 254; CHM 235, CHM 236; ENV 230, ENV 280; GLG 101, GLG 102, GLG 110; PLS 200, PLS 211, PLS 240; PHY 111, PHY 112, PHY 121, PHY 131

*It is critical that the appropriate courses are chosen and that these are completed in proper sequence; you should review specific requirements of the university to which you wish to transfer.*

General Education Requirements (37 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)

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			
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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)

	Arts:				
	Humanities:				

Social and Behavioral Sciences (6 credits)

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Physical and Biological Sciences (8 credits)

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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	Catalog 2021-2022				
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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.