



Environmental Management Pathway to Graduation

Below listed are the requirements for obtaining the Associates of Applied Science in Environmental Management (AAS-EM) and the Bachelor of Applied Science in Environmental Management (BAS-EM) degrees. Note that the AAS-EM degree must be obtained before successful continuation of the BAS-EM. Please review and monitor your progress every semester by checking off completed courses. Below are links to the accepted electives and other courses that can be utilized towards graduation. If you have any questions about degree progression, please contact the Program Director or the Dean of Physical Sciences.

AAS-EM http://catalog.csn.edu/preview_program.php?catoid=3&poid=902

BAS-EM http://catalog.csn.edu/preview_program.php?catoid=3&poid=1121

Student Name:

Student ID:

Date Last Updated:

AAS-EM

	Course Name	Requirement	Credits	Completed	Grade
1 st Semester	ENG 100 or 101	English Composition	3-5	<input type="checkbox"/>	
	MATH 126 or higher	Mathematics	3	<input type="checkbox"/>	
	Elective	Human Relations	3	<input type="checkbox"/>	
	COM 101	Communications	3	<input type="checkbox"/>	
	ENV 101	Natural Science	3	<input type="checkbox"/>	
	Totals			15-17	
2 nd Semester	Math 127 or higher	Mathematics	3	<input type="checkbox"/>	
	GEOL 101	Science	4	<input type="checkbox"/>	
	ENG 102	Communications	3	<input type="checkbox"/>	
	IS 100B or 101	Elective	0-3	<input type="checkbox"/>	
	CHEM 121	Science	4	<input type="checkbox"/>	
	Totals			14-17	
3 rd Semester	CHEM 122	Science	4	<input type="checkbox"/>	
	Elective	U.S. & NV Constitutions	4-6	<input type="checkbox"/>	
	BIOL 196 or 190	Science	4	<input type="checkbox"/>	
	Elective	Fine Arts/Human./Social Sci.	3	<input type="checkbox"/>	
	Totals			15-17	
4 th Semester	NRES 210	Science	3	<input type="checkbox"/>	
	PHYS 151 or higher	Science	4	<input type="checkbox"/>	
	ENV 206	Science	3	<input type="checkbox"/>	
	GIS 109 or CEE 121 or GEOL 220	Science	2-4	<input type="checkbox"/>	
	BIOL 197 or 191	Science	4	<input type="checkbox"/>	
	Totals			16-18	

Note: Neither IS 100B or IS 101 are required unless you take GIS 109

BAS-EM

	Course Name	Course	Credits	Completed	Grade
1 st Semester	CHEM 220	Introductory Organic Chemistry	4	<input type="checkbox"/>	
	CHEM 310	Environmental Chemistry	3	<input type="checkbox"/>	
	BIOL 341	Principles of Ecology	3	<input type="checkbox"/>	
	ENV 345	Env. Regulations, History, Law and Methods	3	<input type="checkbox"/>	
	NRES 322	Soils	4	<input type="checkbox"/>	
	Totals			17	
2 nd Semester	BIOL 211	Introduction to Field Biology	4	<input type="checkbox"/>	
	BIOL 305	Introduction to Conservation Biology	3	<input type="checkbox"/>	
	ENV 260	Environmental Sampling and Analysis	4	<input type="checkbox"/>	
	GEOL 334	Environmental Geology	3	<input type="checkbox"/>	
	Totals			14	
3 rd Semester	ENV 201	Environmental Toxicology	3	<input type="checkbox"/>	
	ENV 360	Environmental Assessment Methods	4	<input type="checkbox"/>	
	GEOL 448	Field Geology I	3	<input type="checkbox"/>	
	GEOL 474	Hydrogeology	3	<input type="checkbox"/>	
	<i>Capstone Course*</i>	Select course from below*	3	<input type="checkbox"/>	
	Totals			16	
4 th Semester	CHEM 330	Analytical Chemistry	4	<input type="checkbox"/>	
	GEOL 330	Introduction to Geochemistry	3	<input type="checkbox"/>	
	GEOL 362	Principles of Stratigraphy and Sedimentation	4	<input type="checkbox"/>	
	<i>Capstone Course*</i>	Select course from below*	3	<input type="checkbox"/>	
	Totals			14	

Note: The total number of credits required for the BAS in Environmental Management degree is 121 with 46 upper division (300/400 level) credits. Total credits include a completed AAS-EM degree of 61 credits.

* Capstone Courses (need 6 credits total): Students will work one-on-one with a professor depending on each student's desired research areas. Students may select from the following capstone courses for their respective research depending on their area of interest.

- BIOL 492: Undergraduate Research
- CHEM 495 and 496: Senior Research in Chemistry I and II
- GEOL 495: Independent Study and Research
- ENV 492: Undergraduate Research

NOTES: