

UA Online - Bachelor of Science in Environmental Science: Soil, Air, and Water

Sample 4-Year Plan: Fall 2026 and beyond

Priorities: first fall offerings

Course	Units	Prerequisites
WRIT 101 or 109H	3	
ECOL 182R Intro Biology II	3	
General Education: Exploring Perspectives/Building Connections/Civics	3	
General Education: Exploring Perspectives/Building Connections/Civics	3	
UNIV 101 Intro to General Education (not required for transfer students)	1	
Total Units	13	

Priorities: first spring offerings

Course	Units	Prerequisites
WRIT 102	3	
ENVS 210	3	
MATH: Calculus	3	MATH 112 or placement
CHEM 141/145 Major and EP Natural Scientist	4	MATH 112 or placement
General Education: Exploring Perspectives/Building Connections/Civics	3	
ENVS 195A Careers in ENVS	1	
Total Units	17	

Year Two Priorities: fall offerings

ENVS 275- Data Analysis in the Life & Environmental Science	3	MATH 112 or placement
MCB 181R General Bio I	3	MATH 112 or placement
CHEM 142/146 General Chemistry II	4	CHEM 141/145
Second Language	4	Placement Required
General Education: Exploring Perspectives/Building Connections/Civics	3	
ENVS 270 Critical Zone Science	3	
Total Units	17	

Year Two Priorities: spring offerings

PHYS 102 and 181 Intro Physics I	4	MATH 112 or placement
General Education: Exploring Perspectives/Building Connections/Civics	3	
Second Language	4	
General Education: Exploring Perspectives/Building Connections/Civics	3	
ENVS 200 and ENVS 201 Soils lab and lecture	4	CHEM 151, ENVS 210
Total Units	18	

Year Three Priorities: fall offerings

Soils: ENVS 316	3	
Environmental Chemistry ENVS 462	3	CHEM 141 & CHEM 142
Biology of Env Systems: MIC 205A	3	
ENVS 305 Pollution Science	3	MIC 205A
ENVS 360 Geospatial Analysis for ENVS	3	
Total Units	15	

Year Three Priorities: spring offerings

SAW Emphasis Core	3	
SAW Emphasis Core	3	
SAW Emphasis Core	3	
Individual Studies requirement: Internship, Directed Research, Independent Study	1-3	
UNIV 301 (not required for transfer students)	1	
Sci Communication: ENVS 408	3	Junior or Senior status
Total Units	14	

Year Four Priorities: fall offerings

HWRS 350	3	Math 113 or 122B
ENVS 420 Environmental Physics	3	PHYS 102 or 141
Environmental Ecology ENVS 425	3	ECOL 182R
ENVS 480 Env Assessment for Contaminated Sites	3	
Total Units	12	

Year Four Priorities: spring offerings

Capstone: ENVS 498A and 498B	4	
SAW Elective Course	3	
SAW Elective Course	3	
SAW Elective Course	3	
Total units	13	

Soil, Water, and Air Course Selections

***16 units total from Soil, Air, Water Core and Electives need to be upper division**

SAW Core Courses

ATMO 436A – Fundamentals of Atmospheric Sciences (fall)

CHEM 241A - Organic Chemistry 1 Lecture (fall/summer)

CHEM 243A– Organic Chemistry 1 Lab (summer)

RNR417 - Geographic Info Syst. for Nat and Soc Sci. (fall/spring/summer)

EHS 420 – Environmentally Acquired Illnesses (spring)

HWRS 350 - Principles of Hydrology (fall)

PHYS103 - Physics II (fall/spring/summer)

SAW Electives

ENVS/MIC 425 - Environmental Microbiology (spring)

EHS 420 - Environmentally Acquired Illnesses (spring)

GEOG/GIS/ENVS 330 - Introduction To Remote Sensing (fall/spring/summer)

GEOG/ENVS 483 - Geographical Applications of Remote Sensing (spring)

EVS 260 - Environmental Studies: Ideas and Institutions (fall)

GIST419 - Cartographic Modeling for Nat. Resources (fall)

GIST420 - Advanced Geographic Info Systems (fall)

GIST422 - Resource Mapping Using Unmanned Aircraft Syst. (fall)

HIST 358 - Natural History of Disasters (summer)

RNR 448 Conservation Planning & Wildland Recreation (fall/spring)

LAW 454 Environmental Law and Policy (fall/spring/summer)

LAW 459 Public International Environmental Law (spring)

MATH 129 - Calculus II MATH 129 ** (fall/spring/summer)

*This is a digest of your requirements, see your advisement report for a complete list of degree requirements.

Graduation Requirements:

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|---|--|
| - 120 total units (42 upper division units) | - 2.0+ major and cumulative GPA |
| - 30+ units completed at UA | - One upper division writing emphasis course |