

ENVIRONMENTAL SCIENCE MAJOR AND 7-12 TEACHER EDUCATION 2021-2022

Student Name and ID		Date		
GRADUATION REQUIREMENTS				
Minimum 120 credit hours INCLUDING ALL MAJOR, USM CORE, and EDUCATION REQUIREMENTS				
Minimum of 30 credit hours, including at least 9 credit hours in the major field at the 200-level or above, must be completed at USM and a minimum overall GPA of 3.0.				
USM Core Requirements		Credits	Semester	Grade
Writing, Reading, & Inquiry 1 (WRI1)	ENG 100 College Writing	3		
Writing, Reading, & Inquiry 2 (WRI2)	ENG 102 Academic Writing	3		
Quantitative Reasoning (QR) prerequisite	MAT 108 & MAT 140 or appropriate Math Placement Score	var		
Quantitative Reasoning (QR)	MAT 152 Calculus A	4		
Creative Expression (CE)	ENG 201, THE 170, EDU 230, or any CE course	3		
Cultural Interpretation (CI)	Any CI course	3		
Science Exploration (SE)	ESP 101/102 Fundamentals of Environmental Science & Lab	4		
Socio-Cultural Analysis (SCA)	Any SCA course	3		
Ethical Inquiry and Social Responsibility (EISRC)	EDU 310, SED 300 or any EISRC course	3		
Diversity (DIV)	EDU 305 Foundations of Cult/Ling Diversity	3		
International (INT)	EDU 310 or any INT course	3		
Engaged Learning (EL)	EDU 100, EDU 222, EDU 305, or SED 235	3		
Writing, Reading, & Inquiry 3 (WRI3)	Any WRI3 course	3		
Senior Seminar / Capstone	ESP 401 Environmental Impact Assessment	4		
Environmental Science Major Requirements		Credits	Semester	Grade
Major Requirements: 72 minimum credit hours total. All courses in the major must be passed with at least a C. You must maintain an overall GPA of 3.0.				
All of the following are required (38-39 cr.):	ESP 101/102 Fundamentals of Environmental Science & Lab	4		
	ESP 125/126 Intro to Environ. Ecology & Lab	4		
	ESP 150 Field Immersion	3		
	ESP 197 Research Skills Lab	1		
	ESP 203 Environmental Communication	3		
	ESP 207 Atmosphere: Science, Climate, & Change	3		
	ESP 250 Soils and Land Use	3		
	ESP 260 Soil and Water Conservation Engineering OR ESP 412 Field Ecosystem Ecology	3-4		
	ESP 280 Research and Analytical Methods	4		
	ESP 340 Environmental Regulations	3		
	ESP 360 Water Quality Assessment & Control	4		
EDU 442 Seminar in Teaching	3			
Tools Course (3 cr.)	EDU 501 Secondary Science Methods	3		
Chemistry (14 cr.):	CHY 113/114 Principles of Chemistry I & Lab	4.5		
	CHY 115/116 Principles of Chemistry II & Lab	4.5		
	CHY 233 Analytical Chemistry & Lab	5		
Physics or Biology Lecture & Lab (4.5-5 cr.):	PHY 111/114 Elements of Physics I & Lab	5		
	OR			
BIO 105/106 Biological Principles I & Lab	4.5			
Mathematics (4 cr.):	MAT 152 Calculus A (prereq: MAT 140)	4		
Electives - choose two environmental science courses 200-level or above (6-10 cr.)	1.	3-5		
	2.	3-5		
Senior Seminar/Capstone (4 cr.)	ESP 401 Environmental Impact Assessment	4		
Teacher Certification Requirements		Credits	Semester	Grade
Teacher Certification Requirements: All pre-internship courses need to be passed with a B- or better. Your <u>overall</u> GPA needs to be a 3.0 or higher.				
Recommended Courses (6 cr.) - *Require service learning or practicum hours.	SED 300 Ethics and Youth with Exceptionalities*	3		
	EDU 310 Purpose of Schooling in a Democracy*	3		
Pre-Internship Course Requirements (18 cr.)- Must be taken and passed prior to beginning internship/ student teaching. *Require service learning or practicum hours.	EDU 100 Exploring Teaching*	3		
	EDU 225 Child and Adolescent Development	3		
	EDU 222 Foundations of Lang/Lit Development.*	3		
	EDU 305 Foundations of Cult/Ling Diversity*	3		
	SED 235 Students with Exceptionalities*	3		
	EDU 442 Seminar in Teaching*	3		
Internship/Student Teaching Requirements		Credits	Semester	Grade
All internship courses need to be passed with a B- or better. Your overall GPA needs to be a 3.0 or higher.				
Internship Year/Student Teaching Course Requirements (21 cr.)	EDU 445 Student Teaching (6 cr. total - 3 cr. first semester and 3 cr. second semester)	6		
	EDU 414 Improving Teaching in Content Areas	3		
	EDU 501 Secondary Science Methods	3		
	EDU 410 Creating Positive Learning Environments	3		
	EDU 546 Testing and Assessment I	3		
	EDU 547 Testing and Assessment II	3		
Other Teacher Certification Requirements		Completion Date		
Declare Teacher Certification Concentration in MaineStreet	If you have questions please contact your advisor			
Criminal History Record Check (CHRC)	Complete prior to starting EDU courses requiring service learning/practicum hours	<input type="checkbox"/>		
THIS IS ONLY A GUIDE. FOR DETAILED INFORMATION PLEASE REFER TO YOUR ACADEMIC CATALOG				
Questions? Please contact Christen Eaton, christen.eaton@maine.edu or 207-228-8315 or your Faculty Advisor				
revised 6.30.21				

