

B.S. in Ecology and Environmental Sciences Curriculum Checklist
Effective Fall, 2015

Student:		Concentration: Sustainability, Environmental Policy, & Natural Resource Mgt.		
CORE CURRICULUM		Hours	Hrs Earned	Semester
I. Ecology and Environmental Sciences (15 cr.)				
EES 100	Human Population and the Global Environment	3		
EES 117	Introduction to Environmental Science	2		
EES 217	Acadia Lessons Project: Field Problems in EES ¹	0-1		
EES 489	Capstone (<i>Grade C or above required</i>)	4		
PSE 121	Human Societies (or PHI 232, ECO 381)	3		
EES 490	Senior Seminar (offered Spring 2015)	3		
		15	0	
II. Biological Sciences (12 cr.)				
BIO 100	Basic Biology	4		
WLE 200	OR BIO 319 OR SMS 300	3		
		7	0	
III. Social Sciences (6 cr.)				
EES 324	Environmental Law and Policy	3		
SFR 220	Environment and Society OR ECO 180 (SCI)	3		
		6	0	
IV. Physical and Chemical Sciences (16 cr.)				
CHY 121/123	Introduction to Chemistry AND	4		
CHY 122/124	Molecular Basis of Chemical Change	4		
ERS 101	Introduction to Geology OR ERS 102	4		
EES 140/141	Soil Science	4		
		16	0	
V. Communication Skills (9 cr.)				
ENG 101	College Composition	3		
ENG 317	Business and Technical Writing OR ENG 212	3		
SFR 222	Environmental Communication Skills OR ECO 180	3		
		9	0	
VI. Quantitative and Information Skills				
MAT 232	Statistics OR WLE 220	3 or 4		
SFR 400	Applied GIS OR ERS 230	3 or 4		
		6-8	0	
VII. GenEd: Human Values and Social Context & Ethics (18 total cr. required. Some met above.)				
	Artistic and Creative Expression	3		
ANT 102	Cultural Diversity (recommended)	3		
POS 120	Western Cult. Tradition (recommended)	3		
POS 100	Social Context and Institutions (recommended)	3		
		12	0	

VIII. Sustainability Concentration Courses Minimum 21 credits 15 or which are 300 or 400 level classes.

(Must earn a C minimum in concentration courses)

Required Courses:		Hours	Hrs Earned	Semester
ECO 120	Microeconomics	3	0	
MAT 122	Pre-calculus OR MAT 126 Calculus	4		
ECO 377	OR ECO 477	3		
		10	0	

Concentration Electives -- 18 credits, 15 of which need to be 300-400 level courses

Economics: 3 credit minimum

	0
	0
	0

Social: 3 credit minimum

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Resource Management/Policy/Ecology: 6 credit minimum

	0
	0
	0
	0

Concentration Electives Total 0 **TOTAL**

IX. Free Electives (Number of credits varies depending on choice of core courses and concentration requirements)

Course #	Course Name	Hours	
BIO 205	Field Natural History of Maine recommended	3-4	
		3-4	
		3-4	
		3-4	
		3-4	
		3-4	
		3-4	

0 Total

¹EES 217 is required for students that matriculate Fall, 2015 or later.

²Sustainability students can take ECO 381 to satisfy their ethics requirement **OR** a concentration elective.

TOTAL CREDIT HOURS	0
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