

**ENVIRONMENTAL SCIENCE - BS, Quantitative Energy Systems Track  
(120 hours) Effective 2016**

NAME	PID	Optional 2 <sup>nd</sup> Major or Minor
------	-----	---

**FOUNDATIONS**

English Comp. and Rhetoric	Foreign Language* HSFL(s) _____	Quant. Reas. (QR)	Lifetime Fitness (LFIT)
	1. _____	MATH 231	(1 hr.)
	2. _____		
	3. _____		
	4. _____		

\* Through Level 3

**APPROACHES**

Phys. and Life Sciences (PL/PX)	Social and Behavioral Sciences **	Humanities/Fine Arts
	Hist. Analysis (HS):	Vis. & Perf. Arts (VP):
	Soc. Sci./Hist. Analysis (SS/HS): ***	Literary Arts (LA):
BIOL 101 BIOL 101L	Soc. Sci./Hist. Analysis (SS/HS): ENEC 201	Phil. Reasoning (PH): ****

\*\* From at least two departments \*\*\* ECON 101 recommended \*\*\*\*ENEC 325, COMM/ENEC, 375, or ENEC/ PHIL 368 recommended

**CONNECTIONS**

Communication Int. (CI)	Quant. Int. (QI) or 2nd Quant. Reas. (QR)	Experiential Ed. (EE)	Global Issues (GL)
BIOL 101L	MATH 232	ENEC 698	ENEC 201
US Diversity (US)	North Atlantic World (NA)	World before 1750 (WB)	Beyond the NA (BN)

**MAJOR/MINOR/ELECTIVES**

Additional Requirements (8-10 courses)	ENVIRONMENTAL SCIENCE Core Requirements (11 courses) ♦			
		Concentration ¥ (4 courses)		
BIOL 101 BIOL 101L	ENEC 201			
	ENEC 203			
CHEM 101/101L or PHYS 114 or 118	ENEC 698			
	(#)			
CHEM 102/102L or PHYS 115 or 119				
	♦ 18 hours ≥ C (not C-) required in core.			
MATH 231	* PHYS 331 Prerequisite, one of PHYS 104, 114, 116, 118; pre- or corequisite, MATH 383.			
MATH 232	(#) Two courses each from two of the following quantitative skills:			
MATH 233	o Informatics (INLS 151, 161; STOR 215, 305)			
	o Applied Mathematics (MATH 381, 383, 528, 535, 547, 564; PHYS 331)			
	o Statistics (BIOS 511; ENEC 562, 563; GEOL 520, 525; STOR 455, 435, 456)			
COMP 110 or 116 or PHYS 331*	o Basic Science (BIOL 201, 271; CHEM 261; PHYS 114/115 or PHYS 118/119)			
	o Modeling (COMP 401 and 410 or 411; ENEC/MASC/GEOL 415)			
	o GIS and Remote Sensing (ANTH 419; GEOG 370, 391, 491, 591, 592, 477, 577; GEOL/MASC 483)			
	¥ Concentration area (four courses in one area) listed on reverse of worksheet			
	Recommended courses are ENEC 202 (PX), ECON 101 (SS), STOR 155 (QR) or BIOS 600, and one of the following PH courses: ENEC 325, COMM/ENEC 375, or PHIL/ENEC 368.			

Remaining courses after this term:	Hours to be deducted:	Hours Tally:	Notes:
____ Foundations	Repeated courses	Hours to date:	
____ Approaches	HSFL	Hours in progress	
____ Connections	Online courses > 24	Pending Study Abroad*	
____ Supplemental	Other	Subtotal	
____ (hrs C ____)	Professional School > 30	Hours deducted	
____ (hrs C ____)	Hours in subject (BA) > 45	Hours after this term	
____ (hrs C ____)	Total	Hours remaining to grad	
Requirements subtotal		Semesters left	
Total			
		* Pending study abroad hours may differ from hours earned.	

This tally assumes successful completion of presently enrolled courses (not AB or IN), and it does not account for all possible overlaps

## ENVIRONMENTAL SCIENCE CONCENTRATIONS

***Energy Management*** (ENEC 307, 395 or 396, 482, 693H or 694H; ENVR/ENEC 403; ENEC/PLAN 547; GEOL 215; PHYS 131, 581, 582)

***Environmental Processes*** (ENEC 202, 222, 256, 395 or 396, 489; 693H or 694H; ENVR/ENEC 403; MASC 432, 433, 450, 460; GEOL 508, 509, 510, 520, 525; GEOG 410, 412, 414, 416, 441)

***Smart Cities*** (ENEC 350, 351, 325, 380, 395 or 396, 480, 485, 492, 693H or 694H; ENEC/PLAN 420; PLAN/ENEC 547, 641; PLAN 636, 637, 638, 651)

March 18, 2016