

GEP FORMAT A
(SEMESTER-BY-SEMESTER CURRICULUM DISPLAY)

Current: Proposed: X Proposed Effective Semester: **Spring 2010**

DEGREE TITLE: B.S. Environmental Science

FRESHMAN YEAR					
FALL SEMESTER		CREDITS	SPRING SEMESTER		CREDITS
ENG 101	Academic Writing and Research	4	CH 101	Chemistry – A Molecular Science	3
ES 100	Intro to Environmental Sciences ²	3	CH 102	General Chemistry Lab	1
BIO 181	Intro Biology: Ecol, Evol & Biodiversity	4	MA 231	Calculus for Life & Mngnt Sciences B ¹	3
MA 131	Calculus for Life & Mngnt Sciences A ¹	3	MEA 100	Earth System Science: Expl Connections	4
	GEP Physical Education/Healthy Living* ^E	1		GEP Humanities Elective (USD)* ^{C,1}	3
		<i>Total:15</i>			<i>Total:14</i>
SOPHOMORE YEAR					
FALL SEMESTER		CREDITS	SPRING SEMESTER		CREDITS
PY 211	College Physics I ¹	4	PY 212	College Physics II ¹	4
CH 220	Introductory Organic Chemistry	4	PS 320	U.S. Env. Law & Politics ^{1,*D}	3
ES 200	Climate Change & Sustainability ²	3	PB 360	Introduction to Ecology	3
ARE 201	Intro Agric & Resource Economics* ^{D,1}	3		Communications requirement ³	3
1xx	GEP Physical Education/Healthy Living* ^E	1		Free Elective I	3
		<i>Total:15</i>			<i>Total:16</i>
JUNIOR YEAR					
FALL SEMESTER		CREDITS	SPRING SEMESTER		CREDITS
ES 300	Energy and the Environment ²	3		Focal Area II ⁵	3
	GEP Additional Breadth * ^F	3		Advised Elective II ⁴	3
	Advised Elective I ⁴	3	SSC 200	Soil Science	4
	Communications requirement ³	3		Free Elective II	3
	Focal Area I ⁵	3		Free Elective III	3
		<i>Total:15</i>			<i>Total:16</i>
SENIOR YEAR					
FALL SEMESTER		CREDITS	SPRING SEMESTER		CREDITS
ES 400	Analysis of Environmental Issues ²	3		External Learning Experience ⁷	3
ST 311	Introduction to Statistics ⁶	3		Analytical Skills requirement ⁶	3
	Focal Area III ⁵	3		Focal Area IV ⁵	3
	Advised Elective III ⁴	3		Focal Area V ⁵	3
	GEP Humanities Elective* ^C	3		Free Elective IV	2
		<i>Total:15</i>			<i>Total:14</i>
Minimum Credit Hours Required for Graduation * ^{I,J,K,8} : 120					

Major/Program Footnotes:

¹The following substitutions are acceptable: MA 141 for MA 131; MA 241 for MA 231; PY 205 for PY 211; PY 208 for PY 212; EC 201 for ARE 201; PS 336 for PS 320.

²All ES courses must be completed with a grade of C- or better.

³6 credit hours are required. One course must be an ENG course and the other must be a COM course. ENG 331, 332, or 333 are recommended.

⁴Advised Electives (9 credit hours) are to be selected in consultation with your adviser. At least 6 hours must be at the 400-level or above.

⁵See adviser to determine a relevant focal area and related course selections (15 credit hours).

⁶6 credit hours required. ST 311 satisfies 3 hours of the 6 credit hour Analytical Skills requirement. Recommended course selection for additional 3 hours include: CSC, ST, PRT 461, CE 201, CE 203, BUS 340, BUS 360, LAR.

⁷External Learning experience: 3 credit hour requirement to be chosen from ES 496, 497, 498, or 499.

⁸Minimum 2.0 GPA required for graduation.

* **General Education Program (GEP) requirements and GEP Footnotes:**

To complete the requirements for graduation and the General Education Program, the following category credit hours and co-requisites must be satisfied.

University approved GEP course lists for each of the following categories can be found at <http://www.ncsu.edu/uap/academic-standards/gep/courselists/index.html>.

- A. **Mathematical Sciences** (6 credit hours – one course with MA or ST prefix)
This requirement is satisfied by the mathematics requirements in the major.
- B. **Natural Sciences** (7 credit hours – include one laboratory course or course with a lab)
This requirement is satisfied by the natural sciences requirements in the major.
- C. **Humanities** (6 credit hours selected from two different disciplines/course prefixes)
Choose from the University approved GEP Humanities course list in two different disciplines.
- D. **Social Sciences** (6 credit hours selected from two different disciplines/course prefixes)
*This requirement is satisfied by course requirements in the major: **ARE 201 OR EC 201; PS 320 OR PS 336***
- E. **Physical Education/Healthy Living** (2 credit hours – at least one 100-level Fitness and Wellness Course)
Choose from the University approved GEP Physical Education/Healthy Living course list.
- F. **Additional Breadth** - (3 credit hours to be selected from the following checked University approved GEP course lists)
X Humanities/Social Sciences/Visual and Performing Arts
- G. **Interdisciplinary Perspectives** (5-6 credit hours)
*This requirement is satisfied by course requirements in the major: **ES 200, ES 300***
- H. **Introduction to Writing** (4 credit hours **satisfied by completing ENG 101** with a C- or better)

The following **Co-Requisites** must be satisfied to complete the General Education Program requirements:

- I. **U.S. Diversity** (USD)
Choose from the University approved GEP U.S. Diversity course list or choose a course identified on the approved GEP course lists as meeting the U.S. Diversity (USD) co-requisite.
- J. **Global Knowledge** (GK)
*Choose from the University approved GEP Global Knowledge course list or choose a course identified on the approved GEP course lists as meeting the Global Knowledge (GK) co-requisite. The following course(s) completed as part of the Major requirements may fulfill this requirement: **ES 200 or 300, PS 320 or 336***
- K. **Foreign Language proficiency** - Proficiency at the FL_102 level is required for graduation.