ENVIRONMENTAL SCIENCE

COURSE REQUIREMENTS **FALL 2013 / SPRING 2014**

- **Below is a list of courses a student must complete for a major in Environmental Science.**

CORE Requirements	Credits
CORE 090	1
CORE 100	3
CORE 110	3
CORE 115 or 116	3
CORE 131 or 133	3
CORE 140 or 141 – 146	3
CORE 150[1] – 158	3
CORE 161 – 164[3]	3
CORE 171 – 179[5]	3
CORE 180[1] – 188	3
CORE 190[1] – 198	3
CORE 250 – 259	3
CORE 260 – 269	3
CORE 280	3
CORE 281 – 289 (284[4])	3
Total Credits for CORE	43

Major Requirements	Credits
ENST 201	3
ENST 201L	1
ENST 202	3
ENST 202L	1
ENST 370	3
ENST 410	3
MATH 128	4
ENST 490 or 491 or 499	3
Major Elective*	3-5
Major Elective*	3-5
Major Elective*	3-4
Major Elective*	3-4
Major Elective*	3-4
Major Elective*	3-4

Major Requirements	Credits
BIOL 113	3
BIOL 113L	1
BIOL 210	3
BIOL 210L	1
CHEM 113	3
CHEM 113L	1
CHEM 114	3
CHEM 114L	1
CHEM 241	3
CHEM 241L	1
CHEM 242	3
CHEM 242L	1
PHYS 111	3
PHYS 111L	1
PHYS 112	3
PHYS 112L	1
Total Credits for Major	71 -79

Free Electives[2]	Credits
(MATH 125[6] **or** Free Elective)	(3-4)
(Free Elective)	(3)
Total Credits for Free Electives	(6-7)

Credits Required for Graduation = 120

*Environmental Science Major Electives			
*A student **must complete six of the following major electives** to match their individual career goals (at least two must be from the ENST 401 series):			
BIOL 314 & 314L Microbiology	ENST 200 Earth Science	ENST 401D Ecotoxicology	ENST 401K Wetland Ecol & Delin
BIOL 323 & 323L Genetics	ENST 255 Intro to Geog Inf Syst	ENST 401E Wildlife Tech	ENST 401L Lab Sect. Designation
BIOL 349 & 349L Anim Beh	ENST 310 Comp Mod in Bio & ES	ENST 401F Water Quality Analysis	ENST 401M Envir Health
BIOL 430 & 430L Ecology	ENST 367 Envir Psychology	ENST 401G Tropical Ecology	ENST 401N Tropical Ecosys. Peru
CHEM 243 & 243L Analy Chem (5)	ENST 401A Cons. Biology	ENST 401H Chesapeake Bay Ecol	ENST 452 Envir Policy
CHEM 244 & 244L Analy Chem (5)	ENST 401B Wildlife Nat Hist	ENST 401I Adirondack Park Ecol	SOC 212 Dynamics of Population
	ENST 401C Wildlife Ecol & Mgmt	ENST 401J Envir Mgmt	

***Students also have the option of pursuing concentrations in Environmental Policy and Wildlife Conservation (4 courses for each concentration)**

Environmental Policy		Wildlife Conservation	
ENST 360 Envir Law **(required)**	PS 351 Politics of Policymaking	ENST 401B Wildlife Nat Hist **(required)**	ENST 367 Envir Psychology
ENST 452 Envir Policy **(required)**	PS 425 Political Behav	ENST 401C Wlife Eco/Mgmt **(required)**	BIOL 349 Anim Behav
PS 231 Amer IntGov Rel	ECON 356 Econ Dev & Intergov	ENST 401E Wildlife Tech	BIOL 430 Ecology
PS 232 Public Admin	ECON 493 Wom, Pov, & Env	ENST 401A Conserv Biol	
PS 333 State Politics	ENST 314 Envir Sociology	ENST 401D Ecotoxicology	
PS 351 Munic Admin	ENST 367 Envir Psychology		

[1]Students are required to take CORE 150, CORE 180 **OR** CORE 190 to fulfill the Interdisciplinary CORE requirement.

- If a student takes CORE 150, then he/she should choose from 181 – 188 to fulfill the 18x's requirement AND from 191 – 198 to fulfill the 19x's requirement.
- If a student takes CORE 180, then he/she should choose from 151 – 158 to fulfill the 15x's requirement AND from 191 – 198 to fulfill the 19x's requirement.
- If a student takes CORE 190, then he/she should choose from 151 – 158 to fulfill the 15x's requirement AND from 181 – 188 to fulfill the 18x's requirement.

[2]Students may select any course to fulfill a "free elective."
[3]CORE 164 Environmental Literature satisfies the Literature CORE requirement (CORE 161-164).
[4]CORE 284 Environmental Ethics satisfies the Philosophy CORE requirement CORE 281-289).
[5]ENST 350 Environmental Art satisfies the Art CORE requirement (CORE 170-179)
[6]MATH 125 is recommended and will count as an Elective.

General Information:

A student must earn a minimum of 120 credit hours to be awarded the baccalaureate degree. The number of credit hours required for graduation may be higher in certain major programs **or** if the student elects to pursue a second major. Beyond the requirements of the Core Curriculum and of a student's chosen major program, the balances of the credit hours required for graduation are "free electives."

See reverse side for a suggested sequence

ENVIRONMENTAL SCIENCE

SUGGESTED SEQUENCE

- Use the information below as a guide when selecting courses.
- Refer to the reverse side when selecting major courses, major electives, core courses, and free electives when applicable.
- Consult your Academic Advisor prior to course registration.
- Refer to the King's College Catalog and/or website for course titles and descriptions.
- Choose one course from each CORE category as listed on the reverse side.
    - CORE courses may be taken in any order approved by the academic advisor with the following conditions:
        - CORE 100 and CORE 110 should be taken in the first year.
        - CORE 115 (or 116) should be taken within the first two years.
        - CORE 098, CORE 099, and/or CORE 110L, if required, will fulfill elective credits.
        - For students selecting a Foreign Language (CORE 14x), every effort should be made to register for that language in the first semester at King's.

	1st Year - Fall	cr.		**1st Year - Spring**	cr.
_____	ENST 201 Environmental Science I	3	_____	ENST 202 Environmental Science II	3
_____	ENST 201L Environmental Science I Lab	1	_____	ENST 202L Environmental Science II Lab	1
_____	BIOL 113 Evolution & Diversity	3	_____	BIOL 210 Organisms & Their Ecosystems	3
_____	BIOL 113L Evolution & Diversity Lab	1	_____	BIOL 210L Organisms & Their Ecosystems Lab	1
_____	CHEM 113 General Chemistry I	3	_____	CHEM 114 General Chemistry II	3
_____	CHEM 113L General Chemistry I Lab	1	_____	CHEM 114L General Chemistry II Lab	1
_____	CORE	3	_____	CORE	3
_____	CORE 090 First Year Experience	1			
		16			**15**
	2nd Year – Fall			**2nd Year – Spring**	
_____	ENST Major Elective	3-4	_____	ENST Major Elective	3-4
_____	CHEM 241 Organic Chemistry I	3	_____	CHEM 242 Organic Chemistry II	3
_____	CHEM 241L Organic Chemistry I Lab	1	_____	CHEM 242L Organic Chemistry II Lab	1
_____	MATH 128 Stats & Data Analysis	4	_____	ENST 370 Environmental Seminar	3
_____	CORE	3	_____	(MATH 125[6] Calculus **OR** Free Elective)	3-4
			_____	CORE	3
		14-15			**16-18**
	3rd Year – Fall			**3rd Year – Spring**	
_____	ENST Major Elective	3-5	_____	ENST Major Elective	3-5
_____	PHYS 111 General Physics I	3	_____	PHYS 112 General Physics II	3
_____	PHYS 111L General Physics I Lab	1	_____	PHYS 112L General Physics II Lab	1
_____	CORE	3	_____	CORE	3
_____	CORE	3	_____	CORE	3
_____	CORE	3			
		14-16			**13-15**
	4th Year - Fall			**4th Year - Spring**	
_____	ENST Major Elective	3-4	_____	ENST Major Elective	3-4
_____	ENST 490 **or** 491 **or** 499	3	_____	ENST 410 Environmental Sampling & Analysis	3
_____	CORE	3	_____	CORE	3
_____	CORE	3	_____	CORE	3
_____	CORE	3	_____	(Free Elective) *if necessary*	(3)
		15-16			**12-16**

Credits Required for Graduation = 120