

ENVIRONMENTAL SCIENCE

BACHELOR OF SCIENCE (B.S.)

CORE Requirements	Credits	Major Requirements	Credits	Major Requirements	Credits	Free Electives ²	Credits
CORE 090 First Yr Exp.	1	ENST 201	3	BIOL 113	3	(MATH 125 ⁶ or Free Elective)	(3-4)
CORE 100 Lib Arts Sem.	3	ENST 201L	1	BIOL 113L	1	(Free Elective)	(3)
CORE 110 Effect Writ.	3	ENST 202	3	BIOL 210	3		
CORE 115 or 116 Oral Comm.	3	ENST 202L	1	BIOL 210L	1		
CORE 131 or 133 Civilization	3	ENST 370	3	CHEM 113	3		
CORE 140 or 141-145 Forgn.	3	ENST 410	3	CHEM 113L	1		
CORE 150-159 Soc. Sci. ¹	3	MATH 128	4	CHEM 114	3		
CORE 160-164 Literature	3	ENST 490 or 491 or 499	3	CHEM 114L	1		
CORE 170-179 The Arts	3	Major Elective*	3-5	CHEM 241	3		
CORE 180-189 Amer. Studies ¹	3	Major Elective*	3-5	CHEM 241L	1		
CORE 190-199 Global Studies ¹	3	Major Elective*	3-4	CHEM 242	3		
CORE 250-259 Syst. Theology	3	Major Elective*	3-4	CHEM 242L	1		
CORE 260-269 Mor. Theology	3	Major Elective*	3-4	PHYS 111	3		
CORE 280 Philos. I	3	Major Elective*	3-4	PHYS 111L	1		
CORE 281-289 Philos.II (284 ⁴)	3	Major Elective*	3-4	PHYS 112	3		
				PHYS 112L	1		
Total Credits for CORE	43	Total Credits for Major		71 -79	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 401C Wildlife Ecol & Mgmt	ENST 401J Envir Mgmt
BIOL 323 & 323L Genetics	ENST 255 Intro to Geog Inf Syst	ENST 401D Ecotoxicology	ENST 401K Wetland Ecol & Delin
BIOL 349 & 349L Anim Beh	ENST 310 Comp Mod in Bio & ES	ENST 401E Wildlife Tech	ENST 401L Lab Sect. Designation
BIOL 430 & 430L Ecology	ENST 367 Envir Psychology	ENST 401F Water Quality Analysis	ENST 401M Envir Health
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

*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 Wlfe 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		

¹Students 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.

²Students may select any course to fulfill a “free elective.”

³CORE 164 Environmental Literature satisfies the Literature CORE requirement (CORE 161-164).

⁴CORE 284 Environmental Ethics satisfies the Philosophy CORE requirement (CORE 281-289).

⁵ENST 350 Environmental Art satisfies the Art CORE requirement (CORE 170-179)

⁶MATH 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.”

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.
 - 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.

1 st Year - Fall		cr.	1 st 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
2 nd Year - Fall			2 nd 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
3 rd Year - Fall			3 rd 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
4 th Year - Fall			4 th 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) <i>if necessary</i>		(3)
		15-16			12-16
Credits Required for Graduation = 120					