Environmental Science

Bachelor of Science (BS.ENST)

Core Requirements				Credits	Notes/Instructions
College Sem.		Quest for Meaning	CSEM 100	3	†A student may be required to take ENGL 105 and/or MATH 100 based on placement exams administered prior to their first semester at King's College. ENGL 105 and MATH 100 are 3-credit courses and will count as free electives. †† The Intercultural Competence requirement can be satisfied by taking a 100-level language class for 3 credits or participating in an approved Study Abroad experience. **SBM** = Satisfied By Major requirement(s) and credit(s) listed below.
Communication & Creative Expression		Writing	ENGL 110†	3	
		Oral Communication	COMM 101	3	
		Literature	ENGL 140-149	3	
		The Arts	ARTS 100-149	3	
Citizenship		History	HIST 100-149	3	
		Intercultural	FREN/GERM/SPAN 100-level or Study Abroad††	3	
		Global Connections	ECON 150-199; GEOG 150-199; HIST 150-199; PS 150-199; SOC 150-199	3	
Quantitative & Scientific Reasoning	SBM	Quantitative Reasoning	MATH 120† or higher level	-	
	SBM	Scientific Endeavor	NSCI 100	-	
	SBM	Science in Context	NSCI 171-199	-	
		Human Beh. & Soc. Inst	ECON 111, 112; GEOG 101, 102; PS 101, PSYC 101, SOC 101	3	
Wisdom, Faith, & the Good Life		Introduction to Phil.	PHIL 101	3	
		Phil. Investigations	PHIL 170-199; MSB 287	3	
		Theology & Wisdom	THEO 150-159	3	
		Theology & the Good Life	THEO 160-169	3	
			Total Core Credits	**39**	

Major Requirements	Credits	Major Requirements	Credits	Elective[3] / Other Requirements	Credits
ENST 201	3	BIOL 113	3	HCE 101 Holy Cross Exp.	1
ENST 201L	1	BIOL 113L	1	Free Elective[3] *(MATH 125)*	3-4
ENST 202	3	BIOL 210	3	Free Elective[3]	3
ENST 202L	1	BIOL 210L	1	Free Elective[3]	3
ENST 370	3	CHEM 113	3		
ENST 410	3	CHEM 113L	1		
MATH 128	4	CHEM 114	3		
ENST 490 or 491 or 499	3	CHEM 114L	1		
Major Elective*	3-5	CHEM 241	3		
Major Elective*	3-5	CHEM 241L	1		
Major Elective*	3-4	CHEM 242	3		
Major Elective*	3-4	CHEM 242L	1		
Major Elective*	3-4	PHYS 111	3		
Major Elective*	3-4	PHYS 111L	1		
		PHYS 112	3		
		PHYS 112L	1		
Total Major Credits	**39-47**	**Total Major Credits**	**32**	**Total Elective[3]/ Other Credits**	**10-11**

Total Credits Required for Graduation = 143

***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 Envir Health
BIOL 430 & 430L Ecology	ENST 367 Envir Psychology	ENST 401F Water Quality Analysis	ENST 452 Envir Policy
CHEM 243 & 243L Analy Chem (5)	ENST 401A Cons. Biology	ENST 401H Chesapeake Bay Ecol	SOC 212 Dynamics of Population
CHEM 244 & 244L Analy Chem (5)	ENST 401B Wildlife Nat Hist	ENST 401I Adirondack Park Ecol	

***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		

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Suggested Sequence

A suggested course sequence of degree requirements is listed below. Refer to the college catalog for course titles, descriptions, and prerequisites. Always consult your Academic Advisor when planning and scheduling your classes.

	Fall 2019	Credits		Spring 2020	Credits
	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 Course[1]	3		Core Course[1]	3
	HCE 101 Holy Cross Experience	1			
		16			**15**
	Summer 2020	**Credits**			
	Fall 2020	**Credits**		**Spring 2021**	**Credits**
	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 Course[1]	3		Free Elective[3] (OR MATH 125[6] Calculus)	3-4
				Core Course[1]	3
		14-15			**16-18**
	Summer 2021	**Credits**			
	Fall 2021	**Credits**		**Spring 2022**	**Credits**
	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 Course[1]	3		Core Course[1]	3
	Core Course[1]	3		Core Course[1]	3
	Core Course[1]	3			
		15-17			**13-15**
	Summer 2022	**Credits**			
	Fall 2022	**Credits**		**Spring 2023**	**Credits**
	ENST Major Elective	3-4		ENST Major Elective	3-4
	ENST 490 **or** 491 **or** 499	3		ENST 410 Environmental Sampling & Analysis	3
	Core Course[1]	3		Core Course[1]	3
	Core Course[1]	3		Free Elective[3]	3
	Core Course[1]	3		*(Free Elective[3]) if necessary*	*(3)*
		15-16			**12-16**

Total Credits Required for Graduation = 120

NOTES:

[1] Choose one course from each of the Core Requirements listed on the reverse side.

[2] Course may satisfy both a Major and a Core requirement. MATH 128 will satisfy the Quantitative Reasoning Core requirement, BIOL 113 and CHEM 113 will satisfy the Scientific Endeavor and the Science in Context Core requirements

[3] Students may select "free electives" for personal enrichment **OR** for Minor and/or Second Major Requirements.

[PR] Course has a prerequisite – check college catalog.

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."