

General Science

Bachelor of Science (BS.GENSC)

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. (See college catalog for more information) SBM = Satisfied By Major requirement 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-		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		3	
	Theology & Wisdom	THEO 150-159		3	
	Theology & the Good	THEO 160-169		3	
Total Core Credits				39	

Major Requirements	Credits	Major Requirements	Credits	Electives ³ / Other Requirements	Credits
Take two of the following with labs:		Track Course*	3 - 4	HCE 101 Holy Cross Exp.	1
BIOL 113 ²	8 credits	Track Course*	3 - 4	Free Elective	3
BIOL 113L		Track Course*	3 - 4	Free Elective	3
BIOL 210 ^{PR}		Track Course*	3 - 4	Free Elective	3
BIOL 210L		Track Course*	3 - 4	Free Elective	3
BIOL 213 ^{PR}		Track Course*	3 - 4	Free Elective	3
BIOL 213L		Track Course**	3 - 4	Free Elective	3
CHEM 113 ²	3	Track Course**	3 - 4	Free Elective	2-3
CHEM 113L	1	(Track Course**)	(3 - 4)		
CHEM 114 ^{PR}	3				
CHEM 114L	1				
PHYS 111 or 113	3				
PHYS 111L or 113L	1				
PHYS 112 ^{PR} or 114 ^{PR}	3				
PHYS 112L ^{PR} or 114L ^{PR}	1				
MATH 125 & 128					
OR	8				
MATH 129 & 130					
Total Minimum Major Credits		60**		Total Elective / Other Credits	21-22

Total Credits Required for Graduation = 120

*A student majoring in General Science must choose one of the following Tracks (minor concentrations) below:								
**Elective courses in Science and/or Math to accumulate a minimum of 60 credits in Science and Math.								
NOTE: Some courses required for certain minor programs will have prerequisites that must be fulfilled.								
Biology	Chemistry	Mathematics	Neuroscience	Environmental Science	Physics	Health Sciences		
BIOL 370	CHEM 241	MATH 126	PSYC 101	ENST 201	PHYS 231	BIOL 213/L		
BIOL 490	CHEM 242	MATH 129	NEUR 211	ENST 202	PHYS Elective*	BIOL 221/L or BIOLCCC 135/L		
3 rd Foundation BIOL (113, 210, 213 + Lab)	CHEM 243	MATH 130	NEUR 212	One of the following:	PHYS Elective*	BIOL 222/L or BIOLCCC 136/L		
	CHEM 493	MATH 237	NEUR 310		PHYS Elective*	BIOL 222/L or BIOLCCC 136/L		
BIOL Elective*	CHEM 494	MATH Capstone	NEUR 480	ENST 490	MATH 129	BIOLCCC 136/L		
BIOL Elective*	CHEM Elective*	Plus one (1) of the following:	Plus two (2) of the following:	ENST 491	MATH 130	MATH 126 or 128		
BIOL Elective*	*One chemistry elective, excluding CHEM 351.			MATH 231	ENST 499	Plus one (1) of the following:	CHEM 241/L	
*Minimum of Four (4) BIOL electives approved by the departmental advisor.			MATH 238	NEUR 342	Plus three (3) of the following:		MATH 231	Capstone Course
			NEUR 346	ENST 200		MATH 237	Plus two (2) of the following:	
			NEUR 348	ENST 355				PSYC 101
			NEUR 349	ENST 401 (A-L)		*Three PHYS elective courses numbered 300 or higher with lab if offered.		BIOL 314/L or BIOLCCC 251/L
		NEUR 390	ENST 410	BIOL 323				
						BIOL 224 or BIOL 353		
						BIOL 326		

See reverse side for a suggested sequence

Effective 07/01/24

General Science

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		Credits	Spring		Credits
_____	◆ BIOL 113 ² or BIOL 213	3	_____	◆ BIOL 210 ^{PR} Organisms & Their Ecosystems	3
_____	◆ BIOL 113L or BIOL 213L	1	_____	◆ BIOL 210L ^{PR} Organisms & Their Ecosystems Lab	1
_____	CHEM 113 ² General Chemistry I	3	_____	CHEM 114 ^{PR} General Chemistry II	3
_____	CHEM 113L General Chemistry I Lab	1	_____	CHEM 114L ^{PR} General Chemistry II Lab	1
_____	MATH 128 ² Statistics or 129 ² Calculus I	4	_____	MATH 125 ² Calculus I or MATH 130 Calculus II	4
_____	Core Course ¹	3	_____	Core Course ¹	3
_____	HCE 101 Holy Cross Experience	1			
		16			15
Summer		Credits			
Fall		Credits	Spring		Credits
_____	Track Course*	3 - 4	_____	Track Course*	3 - 4
_____	Track Course*	3 - 4	_____	Track Course*	3 - 4
_____	Core Course ¹	3	_____	Core Course ¹	3
_____	Core Course ¹	3	_____	Core Course ¹	3
_____	Core Course ¹	3	_____	Core Course ¹	3
		15-17			15-17
Summer		Credits			
Fall		Credits	Spring		Credits
_____	◆ PHYS 111 or 113 General Physics I	3	_____	◆ PHYS 112 or 114 General Physics II	3
_____	◆ PHYS 111L or 113L General Physics I Lab	1	_____	◆ PHYS 112L or 114L General Physics II Lab	1
_____	Track Course*	3 - 4	_____	Track Course*	3 - 4
_____	Core Course ¹	3	_____	Core Course ¹	3
_____	Core Course ¹	3	_____	Core Course ¹	3
_____	Free Elective ³	3	_____	Free Elective ³	3
		16-17			16-17
Summer		Credits			
Fall		Credits	Spring		Credits
_____	Track Course*	3 - 4	_____	Track Course*	3 - 4
_____	Core Course ¹	3	_____	Track Course*	3 - 4
_____	Free Elective ³	3	_____	Free Elective ³	3
_____	Free Elective ³	3	_____	Free Elective ³	3
_____	Free Elective ³	2 - 3			
		14-16⁴			12-14⁴
Total Credits Required for Graduation = 120					

NOTES:

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

²Course may satisfy both a Major and a Core requirement. BIOL 113 and CHEM 113 satisfy the Scientific Endeavor and Science in Context Core requirement. MATH 125 will satisfy the Quantitative Reasoning Core requirement.

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

⁴The standard semester course load is five courses consisting of 15 – 17 credits. A student may take 18 credits if the science lab puts them over 17 credits (*for more information about credit loads, please see the college catalog*).

^{PR} Course has a prerequisite – check college catalog.

◆ Students considering the Physics track should take PHYS 113, 113L, 114, & 114L during their freshman year in exchange for the Biology courses.