

Biology – Accelerated Pre-Medical Track

For Pre-Medical Students

Bachelor of Science (BS.BIOL)

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(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	Other Requirements	Credits
BIOL 113 ²	3	CHEM 113 ²	3	HCE 101 Holy Cross Exp.	1
BIOL 113L	1	CHEM 113L	1		
BIOL 210 ^{PR}	3	CHEM 114 ^{PR}	3		
BIOL 210L	1	CHEM 114L	1		
BIOL 213 ^{PR}	3	CHEM 241 ^{PR}	3		
BIOL 213L	1	CHEM 241L	1		
BIOL 270 ^{4,PR} (spring)	1	CHEM 242 ^{PR}	3		
BIOL 370 ^{5,PR}	2	CHEM 242L	1		
BIOL 470 ^{6,PR} (spring)	2	MATH 125	4		
BIOL 353 ^{PR}	3	MATH 128	4		
BIOL RIC ⁷	4	PHYS 111	3		
BIOL Elective*	4	PHYS 111L	1		
		PHYS 112 ^{PR}	3		
		PHYS 112L	1		
Total Major Credits	28	Total Major Credits	32	Total Elective / Other Credits	1
Total Credits Completed at King's College					100

Medical School³

Students following the Accelerated Pre-Medical Track will complete the remaining King's College graduation requirements for Biology during the first year at their Medical School. This includes the 7 remaining BIOL credits and the 13 free elective credits

Required credits remaining credits to graduate from King's College **20**

Total Credits Required for Graduation = 120

*In addition to the Major Sequence requirements, a student following the Biology – Accelerated Pre-Medical Track must also complete two (2) upper-level courses each with a lab. In addition, one of these courses must be research intensive (consult with Biology advisor).

Biology Electives^{PR}

BIOL 310 Computer Modeling in Biology & Env. Sci	BIOL 349 Animal Behavior	BIOL 416 Parasitology
BIOL 314 Microbiology	BIOL 350 Developmental Biology	BIOL 420 Botanical Pharmacology
BIOL 323 Genetics	BIOL 355 Comparative Vertebrate Anatomy	BIOL 430 Ecology
BIOL 326 Immunology	BIOL 380 Neuroendocrinology	BIOL 447 Physiology
BIOL 330 Introductory Bioinformatics	BIOL 401 Special Topics in Env. Science	BIOL 450 Molecular Genetics: DNA Science
BIOL 336 Cell Biology		BIOL 456 Molecular Mechanisms of Brain Disorders

