GENERAL SCIENCE / SECONDARY EDUCATION

BACHELOR OF SCIENCE (B.S.)



*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				
BIOL 370	CHEM 241	MATH 126	CORE 154	ENST 201	PHYS 231				
BIOL 490	CHEM 242	MATH 129	NEUR 211	ENST 202	PHYS Elective*				
BIOL Elective*	CHEM 243	MATH 130	NEUR 212		PHYS Elective*				
BIOL Elective*	CHEM 493	MATH 237	NEUR 310	One of the following:	PHYS Elective*				
BIOL Elective*	CHEM 494	MATH Capstone	NEUR 480	ENST 490 ENST 491	MATH 129 MATH 130				
BIOL Elective*	CHEM Elective*		Plus t_{700} (2) of the	ENST 499					
		Plus one (1) of the following:	following:	Plus three (3) of the	Plus one (1) of the following:				
*Minimum of Four (4)			NEUR 342	jouowing:	MATH 231				
BIOL electives		MATH 231	NEUR 346	ENST 200	MATH 237				
approved by the	*One chemistry	MATH 238	NEUR 348	ENST 355	*Three PHYS elective courses				
departmental advisor.	elective, excluding		NEUR 349	ENST 401 (A-L)	numbered 300 or higher with				
*	CHEM 351.		NEUR 390	ENST 410	lab if offered				

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 requirement AND from 191 - 198 to fulfill the 19x requirement.

• If a student takes CORE 180, then he/she should choose from 151 – 158 to fulfill the 15x requirement AND from 191 – 198 to fulfill the 19x requirement.

• If a student takes CORE 190, then he/she should choose from 151 – 158 to fulfill the 15x requirement AND from 181 – 188 to fulfill the 18x requirement.

² Updated Child Abuse & Criminal Record & FBI Clearances <u>**REQUIRED**</u> for EDUC 235, EDUC 240, EDUC 270, EDUC 302, EDUC 305, EDUC 350, EDUC 467 and EDUC 468.

³ EDUC 299 Basic Skills is a pre-requisite for all 300 and 400 level education courses. In order to register for this course, you must take and pass all basic skills tests. Formal application to the Education Department between 48 and 60 credits – failure to complete EDUC 299 by 60 credits will result in the dropping of teacher certification in compliance with PDE regulations.

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 <u>or</u> 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." **Because of the CORE, Major, and Secondary Education requirements, there are no "Free Electives" for students majoring in General Science/Secondary Education.**

GENERAL SCIENCE / SECONDARY EDUCATION

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.

• BIOL 113 or BIOL 213 3 • PIOL 210 Cognisms & Their Ecosystems 3 3 • PIOL 210 Cognisms & Their Ecosystems I ab 1 • PIOL 210 Cognisms & Conce * · · · · · PIOL 210 Cognisms & Conce * · · · · · · · · · · · · · · · · · ·	1 st Year - Fall	cr.	1 st Year - Spring	cr.				
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Total Occurs Acquircu for Oraduation – 144 - 155	10 Total Credits Required for Creduction = 144 155							
* Students considering the Physics track should take PHYS 113, 113L, 114, & 114L during their freshman year in exchange for the Biology courses	* Students considering the Physics track should take PHYS 113–113L	Students considering the Physics track should take PHYS 113 113L 114 & 114L during their freshman year in exchange for the Biology courses						

***Summer Session is suggested.

NOTE: All Secondary Teacher Certification candidates must complete six credits of college level mathematics and six credits of college level English:

1	viatii Courses	MATTI 123	WIA111 120
]	English Courses	CORE 110	CORE 16

The Pennsylvania Department of Education requires secondary teachers to have a degree in the content area for certification. Students seeking secondary certification must meet with his/her specific content area department for content area courses required for the degree. The Education Division is not responsible for content area or CORE courses for secondary certification candidates.