

# EDUCATION – SCIENCE GRADES 4 – 8

## BACHELOR OF ARTS (BA.EDSC)

CORE Requirements		Major Requirements					
<b>Core Courses</b>		<b>Education Courses</b>		<b>Science Courses</b>		<b>Math Courses</b>	
CORE 090	1	EDUC 202	3	BIOL 113	3	MATH 101	3
CORE 100	3	EDUC 231	1	BIOL 113L	1	MATH 102	3
CORE 115 or 116	3	EDUC 232	1	BIOL 210	3	MATH 126 or 128	3-4
CORE 140 or 141 – 146	3	EDUC 235 <sup>2</sup>	3	BIOL 210L	1	MATH 125 or 129	4
CORE 150 <sup>1</sup>	3	EDUC 240 <sup>2</sup>	3	BIOL 213	3		13-14
CORE 171 – 179	3	EDUC 270 <sup>2</sup>	3	BIOL 213L	1	<b>English Courses</b>	
CORE 250 – 259	3	<b>EDUC 299<sup>3</sup></b>	<b>0</b>	CHEM 113	3	CORE 110	3
CORE 260 – 269	3	EDUC 305 <sup>2,3</sup>	3	CHEM 113L	1	CORE 161 – 169	3
CORE 280	3	EDUC 350 <sup>2,3</sup>	3	CHEM 114	3	ENGL Elective**	3
CORE 281 – 289	3	EDUC 410 <sup>2,3</sup> SS Methods	3	CHEM 114L	1	ENGL Elective**	3
		EDUC 411 <sup>2,3</sup> M Methods	3	PHYS 111 <sup>4</sup>	3		12
		EDUC 412 <sup>3</sup> Sci Methods	3	PHYS 111L <sup>4</sup>	1	<b>Social Studies Courses</b>	
		EDUC 413 <sup>3</sup> LA Methods	3	PHYS 112 <sup>4</sup>	3	CORE 131 or 133	3
		EDUC 440 <sup>3</sup>	3	PHYS 112L <sup>4</sup>	1	CORE 181 <sup>1</sup>	3
		EDUC 417 <sup>2,3</sup> Stud Teach	10	Science Elective*	3	CORE 192 <sup>1</sup>	3
		EDUC 418 <sup>2,3</sup> Stud Teach Sem	2			HIST 258	3
							12
	28		47		31		37-38

### Total Credits Required for Graduation = 142

\*All students majoring in Education – Science Grades 4 – 8 must take (1) Science Elective from the group below:

Science Electives (suggested)	
ENST 200 Earth Science	ENST 201 Environmental Science I
Although ENST 200 and ENST 201 are suggested, other science courses may be acceptable with prior approval from the Chairs of the Education Department and the Science Department from which the course is chosen.	

\*\*All students majoring in Education – Science Grades 4 – 8 must take two (2) English (ENGL) Electives from the group below:

English Electives (suggested)	
ENGL 200 Foundations Seminar: The History of Literature in English	ENGL 225 Introduction to Creative Writing
ENGL 222 Introduction to Professional Writing	ENGL 241 Advanced Writing
Although ENGL 200, ENGL 222, ENGL 225, and ENGL 241 are suggested, other English courses may be acceptable with prior approval from the Chairs of the Education And English Departments.	

<sup>1</sup>Students majoring in Education – Science Grades 4 – 8 are required to take CORE 150, CORE 181, CORE 192. These courses satisfy both major and CORE requirements.

- CORE 150 satisfy the CORE Social Science requirement and the Interdisciplinary Introduction to the Social Science
- CORE 181 satisfies the American Studies CORE requirement
- CORE 192 satisfies the CORE Contemporary Global Studies requirement

<sup>2</sup> Updated Child Abuse & Criminal Record & FBI Clearances **REQUIRED** for EDUC 235, EDUC 240, EDUC 270, EDUC 305, EDUC 350, EDUC 410 SS Methods, EDUC 411 M Methods, EDUC 412 Sci Methods, EDUC 413 LA Methods, EDUC 417 and EDUC 418.

<sup>3</sup> 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. **A student will be required to change their major after their sophomore year if EDUC 299 is not passed.**

<sup>4</sup>Students may substitute the PHYS 113/113L and PHYS 114/114L sequence for the PHYS 111/111L & PHYS 112/112L requirement.

### 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." **Because of the CORE, Education, Math, Science, English, and Social Studies requirements, there are no "Free Electives" for students majoring in Education – Science Grades 4 – 8.**

# EDUCATION - SCIENCE GRADES 4 – 8

## 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.

4 Years (Student Teaching in Spring Semester of Senior Year)					
1st Year - Fall		cr.	1st Year - Spring		cr.
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
MATH 101 ( <i>Math Category</i> )		3	MATH 102 ( <i>Math Category</i> )		3
CORE 110 Effective Writing ( <i>English Category</i> )		3	CORE		3
CORE 090 First Year Experience		1	CORE		3
		<b>15</b>			<b>17</b>
2nd Year - Fall			2nd Year - Spring		
BIOL 213 Cell & Molecular Biology		3	Science Elective*		3
BIOL 213L Cell & Molecular Biology Lab		1	MATH (Calculus or Statistics) ( <i>Math Category</i> )		3
MATH (Calculus or Statistics) ( <i>Math Category</i> )		3	ENGL Elective ( <i>English Category</i> )		3
CORE 16x Literature ( <i>English Category</i> )		3	CORE ( <i>Social Studies Category</i> )		3
CORE ( <i>Social Studies Category</i> )		3	CORE		3
EDUC 202 Educ. Philos., Ethics, Issues & Trends		3	EDUC 231 Technology Module I		1
EDUC 235 <sup>2</sup> Sec. Development, Cognition, & Learn		3	EDUC 270 <sup>2</sup> Introduction to Special Education		3
		<b>19</b>	<b>EDUC 299</b>		<b>0</b>
					<b>19</b>
<b>Admission to Candidacy</b> (Complete and return "Application for Teacher Education Program Candidacy" to Education Administrative Assistant no sooner than the completion of 48 credits and no later than 65 credits)					
3rd Year - Fall			3rd Year - Spring		
PHYS 111 <sup>4</sup> Physics for the Life Sciences I		3	PHYS 112 <sup>4</sup> Physics for the Life Sciences II		3
PHYS 111L <sup>4</sup> Physics for the Life Sciences I Lab		1	PHYS 112L <sup>4</sup> Physics for the Life Sciences II Lab		1
EDUC 305 <sup>2,3</sup> Assessment I		3	ENGL Elective ( <i>English Category</i> )		3
EDUC 232 Technology Module II		1	CORE ( <i>Social Studies Category</i> )		3
HIST 258 PA Survey ( <i>Social Studies Category</i> )		3	EDUC 410 SS Methods		3
CORE		3	EDUC 350 <sup>2,3</sup> Secondary Classroom Management		3
CORE		3	CORE		3
CORE		3			
		<b>20</b>			<b>19</b>
4th Year - Fall			4th Year - Spring		
EDUC 240		3	EDUC 417 <sup>2,3</sup> Observation & Student Teach.		10
CORE		3	EDUC 418 <sup>2,3</sup> Student Teaching Seminar		2
CORE		3	EDUC 440 <sup>3</sup> Inclusive Education		3
EDUC 411 <sup>2,3</sup> M Methods		3			
EDUC 412 <sup>2,3</sup> Sci Methods		3			
EDUC 413 <sup>2,3</sup> LA Methods		3	<b>Take PECT Modules for Science 4-8</b>		
		<b>18</b>			<b>15</b>

**Total Credits Required for Graduation = 142**

\*\*\* Students are encouraged to take some CORE courses during the summer months to help "lighten" their course load during a semester.