

EDUCATION – MATHEMATICS GRADES 4 – 8

BACHELOR OF ARTS (B.A.)

CORE Requirements		Major Requirements					
Core Courses		Education Courses		Math Courses		Science Courses	
CORE 090	1	EDUC 202	3	MATH 101	3	Intro:	3
CORE 100	3	EDUC 231	1	MATH 102	3	CORE 270	
CORE 115 or 116	3	EDUC 232	1	MATH 123	3	Life Sciences: (<i>choose 1</i>)	3
CORE 140 or 141 – 146	3	EDUC 235 ²	3	MATH 127	3	CORE 273	
CORE 150 ¹	3	EDUC 240 ²	3	MATH 129	4	CORE 275	
CORE 171 – 179	3	EDUC 270 ²	3	MATH 130	4	Physical Sciences: (<i>choose 1</i>)	3
CORE 250 – 259	3	EDUC 299³	0	MATH 128	4	PHYS 100	
CORE 260 – 269	3	EDUC 305 ^{2,3}	3	MATH Elective*	3	CORE 272	
CORE 280	3	EDUC 350 ^{2,3}	3	MATH Elective*	3	CORE 277	
CORE 281 – 289	3	EDUC 410 ^{2,3} SS Methods	3			Earth/Space Sci: (<i>choose 1</i>)	3
		EDUC 411 ^{2,3} M Methods	3			ENST 200	
		EDUC 412 ^{2,3} Sci Methods	3			CORE 271	
		EDUC 413 ^{2,3} LA Methods	3			CORE 274	
		EDUC 440 ³	3				12
		EDUC 417 ^{2,3} Stud Teach Sem	7			English Courses	
		EDUC 418 ^{2,3} Stud Teach Sem	2			CORE 110	3
						CORE 161 – 164	3
						ENGL Elective**	3
						ENGL Elective**	3
							12
						Social Studies Courses	
						CORE 131 or 133	3
						CORE 181 ¹	3
						CORE 192 ¹	3
						HIST 258	3
							12
	28		44		30		36

Total Credits Required for Graduation = 138

*All students majoring in Mathematics/Education 4 – 8 must take two (2) Math (MATH) Electives from the group below:

Math Electives (suggested)	
MATH 235	MATH 237
MATH 236 ⁴	MATH 238
Although MATH 235, MATH 236, MATH 237, and MATH 238 are suggested, other Mathematics courses may be acceptable with prior approval from the Chairs of the Education and Mathematics Departments.	

**All students majoring in Mathematics/Education 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.	

¹Students majoring in Education – Mathematics 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

² 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.

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

⁴ MATH 236 offered spring semester even years only. Students should take this course during their 2nd or 3rd year.

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, Major, and Secondary Education requirements, there are no "Free Electives" for students majoring in Education – Mathematics Grades 4 – 8.**

EDUCATION – MATHEMATICS 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)					
1 st Year - Fall		cr.	1 st Year - Spring		cr.
MATH 101 Theory of Arithmetic		3	MATH 102 Algebra & Geometry		3
CORE		3	CORE (<i>Social Studies Category</i>)		3
CORE 110 Effective Writing (<i>English Category</i>)		3	CORE 16x Literature (<i>English Category</i>)		3
CORE		3	MATH 123 Finite Mathematics		3
CORE		3	EDUC 202 Educ. Philos., Ethics, Issues & Trends		3
CORE 090 First Year Experience		1	EDUC 231 Technology Module I		1
		16			16
2 nd Year - Fall			2 nd Year - Spring		
MATH 127 Logic & Axiomatics		3	MATH 130 Analytic Geometry & Calculus II		4
MATH 129 Analytic Geometry & Calculus I		4	CORE		3
CORE (<i>Science Category</i>)		3	Science Category Course		3
CORE (<i>Social Studies Category</i>)		3	CORE (<i>Social Studies Category</i>)		3
ENGL Elective (<i>English Category</i>)		3	EDUC 270 ² Introduction to Special Education		3
EDUC 235 ² Sec. Development, Cognition, & Learn		3	CORE		3
		19	EDUC 299³		0
					19
Admission to Candidacy (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)					
3 rd Year - Fall			3 rd Year - Spring		
MATH 128 Intro to Stats., Data Analys., & Appl. to Life Sci.		4	MATH Elective (<i>Math Category</i>)		3
EDUC 305 ^{2,3} Assessment I		3	Science Category Course		3
EDUC 232 Technology Module II		1	EDUC 350 ^{2,3} Secondary Classroom Management		3
ENGL Elective (<i>English Category</i>)		3	CORE		3
HIST 258 PA Survey (<i>Social Studies Category</i>)		3	CORE		3
CORE (<i>Science Category</i>)		3	CORE		3
CORE		3			
		20			18
4 th Year - Fall			4 th Year - Spring		
EDUC 240 Secondary ELL Methods		3	EDUC 417 ^{2,3} Observation & Student Teach.		7
MATH Elective (<i>Math Category</i>)		3	EDUC 418 ^{2,3} Student Teaching Seminar		2
EDUC 410 ^{2,3} SS Methods		3	EDUC 440 ³ Inclusive Education		3
EDUC 411 ^{2,3} M Methods		3			
EDUC 412 ^{2,3} Sci Methods		3			
EDUC 413 ^{2,3} LA Methods		3	Take PECT Math 4 – 8 Modules		
		18			12

Total Credits Required for Graduation = 138

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