

EDUCATION – MATHEMATICS GRADES 4 – 8

BACHELOR OF ARTS (B.A.)

CORE Requirements		Major Requirements					
Core Courses		Education Courses		Math Courses		Science Courses	
CORE 090 First Yr Exp.	1	EDUC 202	3	MATH 101	3	Intro:	3
CORE 100 Lib Arts Sem.	3	EDUC 231	1	MATH 102	3	CORE 270	
CORE 115 or 116 Oral Comm.	3	EDUC 232	1	MATH 123 or 110	3	Life Sciences: (<i>choose 1</i>)	3
CORE 140 or 141-145 Forgn.	3	EDUC 235 ²	3	MATH 127	3	CORE 273	
CORE 150 ¹	3	EDUC 240 ²	3	MATH 129	4	CORE 275	
CORE 170-179 The Arts	3	EDUC 270 ²	3	MATH 130	4	Physical Sciences: (<i>choose 1</i>)	3
CORE 250-259 Syst. Theology	3	EDUC 299³	0	MATH 128	4	PHYS 100	
CORE 260-269 Mor. Theology	3	EDUC 305 ^{2,3}	3	MATH Elective*	3	CORE 272	
CORE 280 Philos. I	3	EDUC 350 ^{2,3}	3	MATH Elective*	3	CORE 277	
CORE 281-289 Philos. II	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.**

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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.
_____	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 or MATH 110 Precalculus	3
_____	EDUC 202	3	_____	CORE	3
_____	CORE 090 First Year Experience	1	_____	EDUC 231 Technology Module I	1
		16			16
2nd Year - Fall			2nd 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)					
3rd Year - Fall			3rd 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	_____	EDUC 410 SS Methods	3
_____	HIST 258 PA Survey (<i>Social Studies Category</i>)	3	_____	CORE	3
_____	CORE (<i>Science Category</i>)	3	_____	EDUC 240 Secondary ELL Methods	3
_____	CORE	3			
		20			18
4th Year - Fall			4th Year - Spring		
_____	CORE	3	_____	EDUC 417 ^{2,3} Observation & Student Teach.	7
_____	MATH Elective (<i>Math Category</i>)	3	_____	EDUC 418 ^{2,3} Student Teaching Seminar	2
_____	CORE	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.