

Education – Mathematics Grades 4 – 8

Bachelor of Arts (BA.EDMT)

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	SBM	Writing	ENGL 110 [†]	-	
		Oral Communication	COMM 101	3	
	SBM	Literature	ENGL 140-149	-	
		The Arts	ARTS 100-149	3	
Citizenship	SBM	History	HIST 100-149	-	
		Intercultural	FREN/GERM/SPAN 100-level or Study Abroad ^{††}	3	
	SBM	Global Connections	ECON 150-199; GEOG 150-199; HIST 150-199; PS 150-199; SOC 150-199	-	
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	3	
		Theology & Wisdom	THEO 150-159	3	
		Theology & the Good Life	THEO 160-169	3	
Total Core Credits				27	

Major Requirements	Credits	Major Requirements	Credits	Major Requirements	Credits
Education Courses		Mathematics Courses		Science Courses	
EDUC 202	3	MATH 101 ²	3	Intro:	3
EDUC 231	1	MATH 102 ²	3	NSCI 100 ²	
EDUC 232	1	MATH 123 or 110	3	Life Sciences²: (choose 1)	3
EDUC 235 ³	3	MATH 127	3	NSCI 173 NSCI 179	
EDUC 240 ³	3	MATH 129	4	NSCI 175	
EDUC 270 ³	3	MATH 130	4	Physical Sciences²: (choose 1)	3
EDUC 305 ^{3,4}	3	MATH 128	4	PHYS 100 NSCI 178	
EDUC 350 ^{3,4}	3	MATH Elective ^{*,5}	3	NSCI 172 NSCI 180	
EDUC 410 ^{3,4} SS Methods	3	MATH Elective ^{*,5}	3	NSCI 177	
EDUC 411 ^{3,4} M Methods	3		30	Earth/Space Sci²: (choose 1)	3
EDUC 412 ^{3,4} Sci Methods	3	English Courses		ENST 200 NSCI 171	
EDUC 413 ^{3,4} LA Methods	3	ENGL 110 ²	3	NSCI 174	
EDUC 440 ⁴	3	ENGL 141 – 149 ²	3		12
EDUC 417 ^{3,4} Stud Teach	10	ENGL Elective ^{**}	3	Social Studies Courses	
EDUC 418 ^{3,4}	2	ENGL Elective ^{**}	3	HIST 101 ² or 102 ²	3
			12	HIST 111	3
		Other Requirements		GEOG 182 ²	3
		HCE 101 Holy Cross Exp.	1	HIST 258	3
					12
Total Education Credits		Total Math, English, & Other Credits		Total Science & Social Studies Credits	
47		43		24	

Total Credits Required for Graduation = 141

*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.			

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Suggested Sequence

A suggested course sequence of degree requirements is listed below. Refer to the college catalog for course titles, descriptions, and prerequisites. Always consult your Academic Advisor when planning and scheduling your classes.

Fall		Credits	Spring		Credits
_____	MATH 101 ² Theory of Arithmetic	3	_____	MATH 102 ² Algebra & Geometry	3
_____	ENGL 110 ² Effective Writing (<i>English Category</i>)	3	_____	MATH 123 Finite Math. or MATH 110 Precalculus	3
_____	EDUC 202 Educ. Philos., Ethics, Issues & Trends	3	_____	ENGL 140-149 ² Literature (<i>English Category</i>)	3
_____	Core Course ¹	3	_____	HIST 101 ² or 102 ² (<i>Social Studies Category</i>)	3
_____	Core Course ¹	3	_____	Core Course ¹	3
_____	HCE 101 Holy Cross Experience	1	_____	EDUC 231 and EDUC 232 Technology Module I & II	2
		16			17
Summer		Credits			
Fall		Credits	Spring		Credits
_____	MATH 129 Analytic Geometry & Calculus I	4	_____	MATH 130 ^{PR} Analytic Geometry & Calculus II	4
_____	MATH 127 Logic & Axiomatics	3	_____	Science Category Course	3
_____	ENGL Elective** (<i>English Category</i>)	3	_____	GEOG 182 ² (<i>Social Studies Category</i>)	3
_____	Science Category Course	3	_____	Core Course ¹	3
_____	HIST 111 (<i>Social Studies Category</i>)	3	_____	Core Course ¹	3
_____	EDUC 235 ³ Sec. Development, Cognition, & Learn	3	_____	EDUC 270 ³ Introduction to Special Education	3
		19***			19***
Admission to Candidacy (Complete and return "Application for Teacher Education Program Candidacy" to the Education Department no sooner than the completion of 48 credits and no later than 65 credits.)					
Summer		Credits			
Fall		Credits	Spring		Credits
_____	MATH 128 Intro to Statistics and Data Analysis	4	_____	MATH Elective*	3
_____	ENGL Elective** (<i>English Category</i>)	3	_____	Science Category Course	3
_____	HIST 258 PA Survey (<i>Social Studies Category</i>)	3	_____	Core Course ¹	3
_____	Science Category Course	3	_____	EDUC 240 ^{3,4} Secondary ELL Methods	3
_____	EDUC 410 SS Methods	3	_____	EDUC 350 ^{3,4} Secondary Classroom Management	3
_____	EDUC 305 ^{3,4} Assessment I	3	_____	CORE	3
		19***			18***
Summer		Credits			
Fall		Credits	Spring		Credits
_____	MATH Elective*	3	_____	EDUC 417 ^{3,4} Observation & Student Teach.	10
_____	Core Course ¹	3	_____	EDUC 418 ^{3,4} Student Teaching Seminar	2
_____	Core Course ¹	3	_____	EDUC 440 ⁴ Inclusive Education	3
_____	EDUC 411 ^{3,4} Math Methods	3	Take PECT Modules for Science 4-8		
_____	EDUC 412 ^{3,4} Science Methods	3			
_____	EDUC 413 ^{3,4} Language Arts Methods	3			
		18***			15
Total Credits Required for Graduation = 141					

NOTES:

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

¹Choose one course from each of the Core Requirements listed on the reverse side.

²Course may satisfy both a Major and a Core requirement. ENGL 110 satisfies the Writing Core requirement; ENGL 140-149 satisfies the Literature Core requirement; HIST 101 or 102 satisfy the History Core requirement; GEOG 182 satisfies the Global Connections Core requirement; MATH 101 AND MATH 102 both satisfy the Quantitative Reasoning Core requirement; BIOL 113 and CHEM 113 satisfies the Scientific Endeavor and Science in Context Core requirements.

³Updated 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.

⁵MATH 236 offered spring semester even years only. Students should take this course during their 2nd or 3rd year.

^{PR} Course has a prerequisite – check college catalog.