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 Sciences[2]: (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 Sciences[2]: (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 Sci[2]: (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
				GEOG 182[2]		3
		Other Requirements		HIST 258		3
		HCE 101 Holy Cross Exp.	1			**12**
Total Education Credits	**47**	**Total Math, English, & Other Credits**	**43**	**Total Science & Social Studies Credits**		**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.	

Education – Mathematics Grades 4 - 8

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 *(English Category)*	3	MATH 123 Finite Math. **or** MATH 110 Precalculus	3
EDUC 202 Educ. Philos., Ethics, Issues & Trends	3	ENGL 140-149[2] Literature *(English Category)*	3
Core Course[1]	3	HIST 101[2] or 102[2] *(Social Studies Category)*	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** *(English Category)*	3	GEOG 182[2] *(Social Studies Category)*	3
Science Category Course	3	Core Course[1]	3
HIST 111 *(Social Studies Category)*	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** *(English Category)*	3	Science Category Course	3
HIST 258 PA Survey *(Social Studies Category)*	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		
EDUC 412[3,4] Science Methods	3		
EDUC 413[3,4] Language Arts Methods	3	**Take PECT Modules for Science 4-8**	
	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.

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

[2] Course 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.

[3] 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.

[5] MATH 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.