

4-YEAR CURRICULAR MAP

Bachelor of Science in Mathematics – Option A
Bachelor of Arts in MCL



FALL	YEAR 1		SPRING
‡UK Core CC1	3	UK Core CC2	3
‡Foreign language 101	4	‡Foreign language 102	4
UK Core QFO (MA113: Calculus I <u>AND</u> MA 193: Supp. Workshop I)	5	MA 114: Calculus II <u>AND</u> MA 194: Supp. Math Workshop II	5
UK Core HUM MCL 100	3	CS 115: Introduction to Computer Programming	3
Total Credits: 15		Total Credits: 15	
FALL	YEAR 2		SPRING
‡Foreign language 201	3	‡Foreign language 202	3
UK Core NPM (PHY 231: General Univ. Physics I)	4	MA 261: Number Theory <u>OR</u> MA 214: Calculus IV	3
UK Core NPM (PHY 241: General Univ. Physics Lab I)	1	MA 322: Matrix Algebra	3
MA 213: Calculus III	4	A&S NS (PHY 232: General Univ. Physics II)	4
UK Core SIR (STA 210: Intro. to Statistical Reasoning)	3	A&S Lab (PHY 242: General Univ. Physics Lab II)	1
Total Credits: 15		Total Credits: 14	
FALL	YEAR 3		SPRING
*300+ MA sequence/core course	3	*300+ MA sequence/core course	3
CS 215 (MA/SCI elective): Intro. to Program Design, Abstraction, and Problem Solving	4	A&S SS (ECO 201: Principles of Economics I)	3
◊ Elective MCL 200	3	UK Core GDY Language Course 2	3
UK Core ACR	3	MA 391- GCCR	3
Language Course 1	3	300+ Elective outside of Math	3
Total Credits: 16		Total Credits: 15	
FALL	YEAR Abroad		SPRING
Language Course 3	3	Language Course 6	3
Language Course 4	3	Language Course 7-10: Internship (SPA classes 5-8) [12 credits]	
Language Course 5	3		
A&S Social Science	3		
Total Credits: 12		Total Credits: 15	
FALL	YEAR 5		SPRING
*300+ MA course	3	Math/Science Elective	3
*300+ MA sequence/core course	3	*300+ MA sequence/core course	3
UK Core CCC	3	300+ Elective outside of Math	3
A&S NS	3	300+ Elective outside of Math	3
UK Core SSC Cross Cultural	3	◊ Elective MCL 495	3
Total Credits: 15		Total Credits: 15	

* Incoming Students are Strongly Encouraged to take WRD 112 to fulfill the CC1 and CC2 requirements if they have any of the following: an ACT English score of 32 or Higher, an SAT Verbal score of 720 or Higher, or an AP English Composition score of 4 or 5. If the Student has been accepted into the University Honors Program, the Student is required to take WRD 112 to fulfill CC1 and CC2.

UK Core Abbreviations	
HUM =Intellectual Inquiry in the Humanities	CC1= Composition and Communication I
NPM=Intellectual Inquiry in the Natural/Physical/Mathematical Science	CC2= Composition and Communication II
SSC=Intellectual Inquiry in Social Sciences	QFO= Quantitative Foundations
ACR=Intellectual Inquiry in Arts & Creativity	SIR= Statistical Inferential Reasoning
	CCC= Community, Culture and Citizenship in U.S.
	GDY= Global Dynamics

GCCR=Graduation Composition and Communication

College of Arts & Sciences Abbreviations

SS: Social Sciences NS: Natural Sciences Lab: College Laboratory or Field Experience HUM: Humanities