

4-YEAR CURRICULAR MAP

Bachelor of Science in Mathematics – Option A



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	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
UK Core SSC	3	UK Core GDY	3
UK Core ACR	3	MA 391- GCCR	3
UK Core CCC	3	300+ Elective outside of Math	3
Total Credits: 16		Total Credits: 15	
FALL	YEAR 4		SPRING
*300+ MA course	3	Math/Science Elective	3
*300+ MA sequence/core course	3	*300+ MA sequence/core course	3
A&S HUM	3	300+ Elective outside of Math	3
Math/Science Elective	3	300+ Elective outside of Math	3
◇ Elective	3	◇ Elective	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.
- ⌘ Students who have taken at least 2 years of a language in high school can complete the A&S Foreign Language Requirement with 3 college semesters of a different language. Students choosing this option should replace the 4th semester of language with electives. Also note that if you take a foreign language placement exam, you may be exempt from 1 or more of the beginning semesters of that language. In this case, replace the by-passed language courses with electives. Any language sequence may be used to satisfy the foreign language requirements.
- ◇ 6 hours of 'free' electives - that do not count toward any other requirement - must be taken. Additional electives may be required to reach the required minimum of 120 hours. Consider pursuing a 2nd major or minor.

UK Core Abbreviations	CC1= Composition and Communication I
HUM =Intellectual Inquiry in the Humanities	CC2= Composition and Communication II
NPM=Intellectual Inquiry in the Natural/Physical/Mathematical Science	QFO= Quantitative Foundations
SSC=Intellectual Inquiry in Social Sciences	SIR= Statistical Inferential Reasoning
ACR=Intellectual Inquiry in Arts & Creativity	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