

4-YEAR CURRICULAR MAP

Bachelor of Arts 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 AND MA 193: Supp. Workshop I)	5	MA 114: Calculus II AND 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 OR 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	A&S SS (ECO 201: Principles of Economics I)	3
A&S HUM	3	UK Core GDY (300+)	3
UK Core SSC	3	*300+ MA sequence/core course	3
UK Core ACR	3	MA 391 GCCR	3
300+ Elective outside Math	3	300+ Elective outside Math	3
A&S NS	1 - 3	UK Core CCC	3
	Total Credits: 16 - 18		Total Credits: 18
FALL	YEAR 4		SPRING
*300+ MA course	3	*300+ MA course	3
*300+ MA sequence/core course	3	*300+ MA sequence/core course	3
A&S SS (300+)	3	A&S HUM (300+)	3
300+ Elective outside Math	3	300+ Elective outside 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.
- \* To be discussed with your academic advisor.
- ⌘ 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 4<sup>th</sup> 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 2<sup>nd</sup> major or minor.
- **Race and Ethnicity Requirement:** The College requires its students to complete an approved race and ethnicity (R&E) course that will address the changing meanings of race and ethnicity across time and space. Students may double-dip courses to satisfy the R&E requirement with any other requirement.

<b>UK Core Abbreviations</b>	CC2= Composition and Communication II
HUM =Intellectual Inquiry in the Humanities	QFO= Quantitative Foundations
NPM=Intellectual Inquiry in the Natural/Physical/Mathematical Science	SIR= Statistical Inferential Reasoning
SSC=Intellectual Inquiry in Social Sciences	CCC= Community, Culture and Citizenship in U.S.
ACR=Intellectual Inquiry in Arts & Creativity	GDY= Global Dynamics
CC1= Composition and Communication I	GCCR= Graduation Composition and Communication
<b>College of Arts &amp; Sciences Abbreviations</b>	
SS: Social Sciences    NS: Natural Sciences    Lab: College Laboratory or Field Experience    HUM: Humanities	