

4-YEAR CURRICULAR MAP

Bachelor of Science in Statistics and Data Science

FALL	YEAR 1		SPRING
‡UK Core CC1	3	UK Core CC2	3
⌘Foreign language 101	4	⌘Foreign language 102	4
^UK Core QFO (MA113 or MA 137: Calculus I)	4	^MA 114 or MA 138: Calculus II	4
^Elective (e.g., CS 115: Intro to Comp Pgming)	3	^UK Core SIR (STA 296)	3
Total Credits: 14		Total Credits: 14	
FALL	YEAR 2		SPRING
⌘Foreign language 201	3	⌘Foreign language 202	3
^STA 300: Data Visualization	3	^STA 310: Intro to Prob and Inference	3
^STA 305: Intro to Data Sciences	4	UK Core SSC	3
UK Core HUM	3	^UK Core NPM	3
➤A&S Race & Ethnicity	3	A&S HUM	3
Total Credits: 16		Total Credits: 15	
FALL	YEAR 3		SPRING
^STA 315: Applied Stat Modeling and Design	3	^STA 415: Pred Modeling & Intro Mach Learning	4
^MA 322: Matrix Algebra	3	*^Specialization 1 of 4	3
UK Core ACR	3	*^Specialization 2 of 4	3
UK Core CCC	3	UK Core GDY	3
^A&S NS	3	A&S SS	3
Total Credits: 15		Total Credits: 16	
FALL	YEAR 4		SPRING
^STA 425: Computational Bayesian Stats	3	^STA 495: Practicum (GCCR)	3
*^Specialization 3 of 4	3	*^Specialization 4 of 4	3
Elective	3	Elective	3
^Elective	3	Elective	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. 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.
- ^ Counted toward 60 credit hours in the physical, biological and/or mathematical sciences.
- ◇ 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. MA 193 and 194 will count towards this requirement.
- * To be discussed with your academic advisor.
- **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.

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.
GCCR = Graduation Composition and Communication Requirement.	GDY= Global Dynamics
College of Arts & Sciences Abbreviations	
SS: Social Sciences NS: Natural Sciences Lab: College Laboratory or Field Experience HUM: Humanities	