## **5-YEAR CURRICULAR MAP**

## **Bachelor of Science in Biology and BA in MCL**



YEAR 1	
FALL SPRING	
‡UK Core CC1 (WRD 110)	UK Core CC2 (WRD 111)
UK Core QFO (MA 137:Calculus with Life Science	MA 138: Calculus II with Life Science Applications or MA
Applications or MA113: Calculus I)	114: Calculus II
UK Core NPM (CHE 105: General College Chemistry I) UK	CHE 107: General College Chemistry II
Core NPM (CHE 111: General Chemistry   Lab)	CHE 107: General College Chemistry II  CHE 113: Lab to Accompany General Chemistry II BIO
BIO 148: Introductory Biology I	152: Principles of Biology II
BIO 155: Lab for Introductory Biology I or BIO 198: Scholars	Total Credits: 15-16
Biology Research Total Credits: 16-17	Total credits. 15-10
Biology Research Fotol Credits. 10 17	
YEAR 2	
FALL	SPRING
BIO 303:Introduction to Evolution <u>OR</u> BIO 304: Principles of Genetics	BIO 303: Introduction to Evolution <u>OR</u> BIO 304: Principles of Genetics
MCL 200 3	UK Core HUM MCL 100
CHE 230: Organic Chemistry I CHE	CHE 232: Organic Chemistry II
231: Organic Chemistry Lab I	¤Foreign language 202 (102)
¤Foreign language 201 (101) Total Credits: 15	♦ Elective (CHE 233) Total Credits: 15-16
YEAR 3	
FALL	SPRING
Language 201 3-4	Language 202 3-4
PHY 211: General Physics I 5	PHY 213: General Physics II 5
UK Core SIR (STA 296 recommended) 3	Tier 2 BIO Course 2 4
Tier 2 BIO Course I (BIO 315)	Tier 2 BIO Course 3 (BIO 350) 4
Total Credits: 15-16	Total Credits: 16-17
YEAR 4 Abroad	
FALL	SPRING
Language Course 1 3	Language Course 5 3
Language Course 2 3	Language Classes 6-9 class: Internship (SPA classes 5-8) [12 credits]
Language Course 3 3	
Language Course 4 3	
A&S Social Science 3	Total Credits: 15
Total Credits: 15	
	AR 5
FALL *BIO Electives 4	SPRING *BIO Electives 4
*BIO Elective 3	BIO 425: Biology Seminar OR *BIO 499: Biology Research Seminar 1
A&S Social Science 3	A&S HUM/ MCL 495
UK Core GDY- Language Course 10 3	UK Core CCC 3
UK Core ACR 3	*BIO Elective 3
	UK CORE SSC-MCL Cross Cultural 3
Total Credits: 17	Total Credits: 17

<sup>‡</sup> 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, instead of CC1 and CC2.

**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 QFO= Quantitative Foundations 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 College of Arts & Sciences Abbreviations** SS: Social Sciences NS: Natural Sciences Lab: College Laboratory or Field Experience HUM: Humanities