

Biology BA Curriculum Map ^{1,2}

Assumes that student arrives ready for Calculus I (MAC 2311) and Statistical Methods (STA 2223).

Year 1 – Freshman

Fall	Course Name	14	Prerequisites
BSC 1010C	General Biology I with Lab	4	
CHM 1045C	General Chemistry I	3	MAC 1105 or MAC 1147 or MAC 2157 or ACU5 for min. score of 066; Co-requisite CHM 1045L
CHM 1045L	General Chemistry I Lab	1	MAC 1105 or MAC 1147 or MAC 2157 or ACU5 for min. score of 066; Co-requisite CHM 1045
ENC 1101	Composition I	3	
XXX XXXX	Gen Ed Social Science ³	3	

Spring	Course Name	14	Prerequisites
BSC 1011	General Biology II	3	Co-requisite BSC 1011L
BSC 1011L	General Biology II with Lab	1	Co-requisite BSC 1011
CHM 1046	General Chemistry II	3	CHM 1045 and CHM 1045L (or CHM 1045C); Co-requisite CHM 1046L
CHM 1046L	General Chemistry II Lab	1	CHM 1045 and CHM 1045L (or CHM 1045C); Co-requisite CHM 1046
ENG 1002	Composition II	3	ENC 1101
HUM 2510	Understanding Visual & Performing Arts	3	ENC 1101

Year 2 – Sophomore

Fall	Course Name	16	Prerequisites
PCB 3063C	Genetics	3	BSC 1010C (or BSC 1010 and BSC 1010L) and BSC 1011 and BSC 1011L (or BSC 1011C) and CHM 1045C (or CHM 1045 and CHM 1045L)
CHM 2210	Org. Chem. I ⁴	4	CHM 1046 and CHM 1046L (or CHM 1046C); Co-requisite CHM 2210L
CHM 2210L	Org. Chem. I Lab ⁴	4	CHM 1046 and CHM 1046L (or CHM 1046C); Co-requisite CHM 2210
STA 2023	Statistical Methods	3	(MAT 1033 or MAC 1105 or MAC 1147 or MAC 2233 or MGF 1107 or MGF 1106) or S02 for min. score of 550 or A02 for min. score of 24 or ACU4 for min. score of 090
XXX XXXX	Gen Ed Humanities ³	3	
XXX XXXX	Gen Ed Social Science ³	3	

Spring	Course Name	16	Prerequisites
ISC 3120C	Scientific Process	3	OCE 3008C or BSC 1051C or PCB 3063C or PCB 3023C or CHM 2211C (or CHM 2211 and CHM 2211L) and STA 2023 or STA 2037
PCB 3043C	Evolutionary Biology ⁵	3	BSC 1010C (or BSC 1010 and BSC 1010L) and BSC 1011C (or BSC 1011 and BSC 1011L) and PCB 3063C
XXX XXXX	Restricted Elective	3	
CHM 2211	Org. Chem. II ⁶	3	CHM 2210 and CHM 2210L (or CHM 2210C); Co-requisite CHM 2211L
CHM 2211L	Org. Chem. II Lab ⁶	1	CHM 2210 and CHM 2210L (or CHM 2210C); Co-requisite CHM 2211
XXX XXXX	Gen Ed Humanities ³	3	

Year 3 - Junior

Fall	Course Name	15	Prerequisites
PCB 3023C	Cell Biology	3	BSC 1010C (or BSC 1010 and BSC 1010L) and CHM 1046C (or CHM 1046 and CHM 1046L)
IDS 3300	Foundations of Civic Engagement	3	ENC 1102
XXX XXXX	Restricted Elective	3	
MAC 2311	Calculus I	4	MAC 1105 or MAC 1147 or MAC 2157 or ACU5 min. score of 066
XXX XXXX	Elective	2	

Spring	Course Name	15	Prerequisites
XXX XXXX	Restricted Elective	3	
XXX XXXX	Restricted Elective	3	
IDS 3143	Issues in Sc. & Tech. ⁷	3	IDS 3300
XXX XXXX	Elective	3	
IDS 3920	University Colloquium	3	

Year 4 – Senior

Fall	Course Name	14	Prerequisites
BSC 4910	Sen. Proj. Res. Biol.	2	PCB 3063C and (PCB 3023C, ZOO 3713C, or PCB 3793C)
XXX XXXX	Restricted Elective	3	
XXX XXXX	Restricted Elective	3	
XXX XXXX	Elective	3	
XXX XXXX	Elective	3	

Spring	Course Name	16	Prerequisites
BSC 4911	Sen. Proj. Pres. Biol.	1	BSC 4910 or BSC 4910C
IDS 4910	Integrated Core Senior Seminar	3	IDS 3300 and (IDS 3301 or IDS 3332 or IDS 3303 or IDS 3143)
XXX XXXX	Restricted Elective	3	
XXX XXXX	Restricted Elective	3	
XXX XXXX	Elective	3	
XXX XXXX	Elective	3	

Color Code

Course Type	Total Credit Hours
General Education (not part of Common Prerequisites.)	21
Common Prerequisites	31
Required in the Major	18
Restricted Electives	30
University Requirement	3
Electives	17

1 – Any 9 credits from above (based on availability) must be completed in summer semester(s).

2 – See catalog under Program Requirements for a list of accepted substitutions and restricted electives.

3 – At least one of these courses must be a Gordon Rule Course.

4 – CHM 2210C: may substitute PHY 2048C** General Physics with Lab I (4) or PHY 2053C** College Physics I with Lab (4)

5 – PCB 3673: may substitute PCB 3043C General Ecology or ZOO 3713C Vertebrate Form and Function

6 – CHM 2211C: may substitute PHY 2049C** General Physics with Lab II (4) or PHY 2054C** College Physics II with Lab (4)

7 – IDS 3143: may substitute IDS 3332 Issues in Culture and Society (3)