

Sample Degree Map 2019-2020 Biology: Bioinformatics BS Total Credits Required 128

Year One - First Semester	
Course Number & Title	Credits
ENG 111 (EC)	3
MTH 123 (MQ)	4
BIO 170 (LP) (M)	3
BIO 171 (CO) (M)	1
WORLD CULTURES & GLOBAL ISSUES	3
(WG)	
COR 100 (US)	3
Total Credits:	17

Year One - Second Semester	
Course Number & Title	Credits
ENG 151 (EC)	3
MTH 231 (M)	3
MTH 229 (M)	1
BIO 180 (SW) (M)	3
BIO 181 (CO) (M)	1
CHM 141 (M)	3
CHM 121 (M)	1
Total Credits:	15

Year Two - First Semester	
Course Number & Title	Credits
CHM 142 (SW) (M)	3
CHM 127 (CO) (M)	1
INDIVIDUAL & SOCIETY (IS)	3
BIO 272 OR MTH 214 (M)	4
PHY 116 (M)	4
Total Credits:	15

Year Three - First Semester	
Course Number & Title	Credits
BIO 312 (M)	4
BIOLOGY ELECTIVE (M)	4
CHM 256 (M)	4
ELECTIVE	4
Total Credits:	16

Year Two - Second Semester	
Course Number & Title	Credits
CREATIVE EXPRESSION (CE)	3
BIO 205 (M)	4
CHM 250 (M)	4
PHY 156 (M)	4
Total Credits:	15

Year Three - Second Semester	
Course Number & Title	Credits
BIO 322 (M)	4
BIO 352 OR BIO 360 (M)	4
BIOLOGY LAB (M)	3
MTH 415 (M)	4
ELECTIVE	3
Total Credits:	18

Year Four - First Semester	
Course Number & Title	Credits
BIO 327 (M)	4
BIO 370 OR 372 (M)	4
BIOLOGY ELECTIVE (M)	4
ELECTIVE	4
Total Credits:	16

Year Four - Second Semester	
Course Number & Title	Credits
200-LEVEL SOCIAL SCIENCE OR TALA	4
(CO) (CW) (PD)	
BIO 326 (M)	4
ELECTIVE	4
ELECTIVE	4
Total Credits:	16

LEGEND: (EC):English Composition (MQ):Mathematical & Quantitative Reasoning (LP):Life & Physical Sciences (SW):Scientific World (US):US Experience in Its Diversity (WG):World Cultures & Global Issues (IS):Individual & Society (CE):Creative Expression Arts (CW):Contemporary World (PD):Pluralism & Diversity (TALA):Textual Aesthetic & Linguistic Analysis (M):Major (CO):College Option (RLA):Liberal Arts (RNL): Non-Liberal Arts