

Corozal Junior College

2020 Science Program

Biology & Chemistry – Total 89 Credit Hours

CSEC level Biology and Chemistry (or Introductory Chemistry course [JC level]) are required for this program.

Semester 1.1

CODE	COURSE DESCRIPTION	PREREQUISITE	CREDIT HOURS
BIO 102	Biochemistry	CSEC BIO, CSEC CHEM or (Intro. to Chem: JC level), Co-req BIO103, BIO104	3
BIO 103	Cell Biology	Co-req BIO102, BIO104	3
BIO 104	Cell Biology Lab	Co-req BIO102, BIO103	1
CH 113	Fundamentals in Chemistry	CSEC CHEM, Co-req CH114	4
CH 114	Fundamentals in Chemistry Lab	Co-req CH113	1
CS 105	Programming Concepts (lab)	None	3
EN 107	College English I	EN101 if necessary	3
MT 103C	Intermediate Algebra	MT101 if necessary	3
RMT 101	Research Methods	None	3
TOTAL CREDIT HOURS			24

Semester 1.2

CODE	COURSE DESCRIPTION	PREREQUISITE	CREDIT HOURS
BIO 105	Reproductive Biology	BIO102, BIO103, Co-req BIO211, BIO212	3
BIO 211	Animal Physiology	BIO102, BIO103, Co-req BIO105, BIO212	3
BIO 212	Animal Physiology Lab	Co-req BIO105, BIO211	1
CH 213	Kinetics & Equilibria	CH113, Co-req CH214	4
CH 214	Kinetics & Equilibria Lab	Co-req CH213	1
CH 215	Inorganic Chemistry	CH113, Co-req CH216	3
CH 216	Inorganic Chemistry Lab	Co-req CH215	1
EN 108	College English II	EN107	3
MT 104	Introduction to Calculus	MT103C	3
TOTAL CREDIT HOURS			22

Semester 2.1

CODE	COURSE DESCRIPTION	PREREQUISITE	CREDIT HOURS
BIO 107	Ecology	BIO102, BIO 103, Co-req BIO108, BIO208	3
BIO 108	Ecology Lab	Co-requisite BIO107, BIO208	1
BIO 208	Biodiversity	BIO102, BIO103, Co-req BIO107, BIO108	3
CH 115	Organic Chemistry	CH113, Co-req CH116, CH117	4
CH 116	Organic Chemistry Lab	Co-Req CH115, CH117	1
CH 117	Analytical Methods and Separation Techniques	CH113, Co-req CH115, CH116	3
EN 209	Communication Studies I	EN108	4
SOCI 1014	Introduction to Sociology	None	3
TOTAL CREDIT HOURS			22

Semester 2.2

CODE	COURSE DESCRIPTION	PREREQUISITE	CREDIT HOURS
BIO 209	Plant Physiology	BIO102, BIO 103, Co-req BIO210	3
BIO 210	Plant Physiology Lab	Co-req BIO209	1
CH 217	Environmental Chemistry	CH113, Co-req CH218	2
CH 218	Environmental Chemistry Lab	Co-req CH217	1
EN 210	Communication Studies II	EN209	4
HIS 110	Introduction to Belizean History	None	3
MT 225	Statistical Analysis I	MT103C	4
PSY 1014	Introduction to Psychology	None	3
TOTAL CREDIT HOURS			21

Co-requisite courses can be repeated without the accompanying course(s) if already passed.

Students doing 0-credit courses in the first semester 1.1 (EN101 / MT101 if necessary), can complete required courses in Semesters 1.2 and 1.3 respectively.