

Corozal Junior College

2020 Science Program – *Biology, Chemistry & Mathematics* – Total 111 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-requisite 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
EN 107	College English I	EN101 if necessary	3
MT 105	College Algebra	MT103NC if necessary	4
MT 107	Plane Geometry & Trigonometry	MT103NC if necessary	4
RMT 101	Research Methods	None	3
TOTAL CREDIT HOURS			26

Semester 1.2

CODE	COURSE DESCRIPTION	PREREQUISITE	CREDIT HOURS
BIO 105	Reproductive Biology	BIO102, BIO103, Co-req BIO211	3
BIO 211	Animal Physiology	BIO102, BIO103, Co-req BIO105	3
BIO 212	Animal Physiology Lab	Co-req BIO105, BIO211	1
CH 213	Kinetics & Equilibria	CH113	4
CH 214	Kinetics & Equilibria Lab	Co-req CH113	1
CH 215	Inorganic Chemistry	CH113	3
CH 216	Inorganic Chemistry Lab	Co-req CH215	1
EN 108	College English II	EN107	3
MT 106	Calculus I	MT105, MT107	4
MT 225	Statistical Analysis I	MT103NC <i>if necessary</i>	4
TOTAL CREDIT HOURS			27

Semester 1.3

HIS 110	Introduction to Belizean History	None	3
SOCI 1014	Introduction to Sociology	None	3
TOTAL CREDIT HOURS			6

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-req 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
MT 215	Calculus II	MT106	4
MT 217	Counting, Matrices & Complex Numbers	MT106	4
MT 226	Statistical Analysis II	MT225	4
TOTAL CREDIT HOURS			31

Semester 2.2

CODE	COURSE DESCRIPTION	PREREQUISITE	CREDIT HOURS
BIO 209	Plant Physiology	BIO102, BIO103, 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
CS 105	Programming Concepts (lab)	None	3
EN 210	Communication Studies II	EN209	4
MT 216	Sequences, Series & Approximations	MT215	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.