

# Corozal Junior College

## 2020 Science Program

### Biology & Mathematics – Total 86 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
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
<b>TOTAL CREDIT HOURS</b>			<b>21</b>

#### 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
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
PSY 1014	Introduction to Psychology	None	3
<b>TOTAL CREDIT HOURS</b>			<b>21</b>

#### 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
BIO208	Biodiversity	BIO102, BIO103, Co-req BIO107, BIO108	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
<b>TOTAL CREDIT HOURS</b>			<b>23</b>

#### 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
CS 105	Programming Concepts (lab)	None	3
EN 210	Communication Studies II	EN209	4
HIS 110	Introduction to Belizean History	None	3
MT 216	Sequences, Series & Approximations	MT215	4
SOCI 1014	Introduction to Sociology	None	3
<b>TOTAL CREDIT HOURS</b>			<b>21</b>

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.