

Corozal Junior College
 2020 Science Program
Mathematics & Physics – Total 87 Credit Hours
 CSEC level Physics is required for this program.

Semester 1.1

CODE	COURSE DESCRIPTION	PREREQUISITE	CREDIT HOURS
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
PH 175	Mechanics I	CSEC PHYSICS, Co-req MT105, MT107, PH176	4
PH 176	Mechanics I Lab	Co-req PH175	1
PH 177	Thermal & Mechanical Properties of Matter	CSEC PHYSICS	3
RMT101	Research Methods	None	3
TOTAL CREDIT HOURS			22

Semester 1.2

CODE	COURSE DESCRIPTION	PREREQUISITE	CREDIT HOURS
CS 105	Programming Concepts (lab)	None	3
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
PH 178	Oscillations & Waves	Co-req PH179	3
PH 179	Oscillations & Waves Lab	Co-req PH178	1
PSY 1014	Introduction to Psychology	None	3
TOTAL CREDIT HOURS			21

Semester 2.1

CODE	COURSE DESCRIPTION	PREREQUISITE	CREDIT HOURS
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
PH 280	Electromagnetism	PH175, Co-req PH281	3
PH 281	Electromagnetism Lab	Co-req PH280	1
PH 282	Mechanics II	PH175, MT106	3
TOTAL CREDIT HOURS			23

Semester 2.2

CODE	COURSE DESCRIPTION	PREREQUISITE	CREDIT HOURS
EN 210	Communication Studies II	EN209	4
HIS 110	Introduction to Belizean History	None	3
MT 216	Sequences, Series & Approximations	MT 215	4
PH 283	Electronics	Co-req PH284	3
PH 284	Electronics Lab	Co-req PH283	1
PH 285	Atomic & Nuclear Physics	PH280	3
SOCI 1014	Introduction to Sociology	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.