

RECOMMENDED PROGRAMME SEQUENCE

Bulletin Yrs. 2020-2024

A.S Computing

Courses required for Computing core
General Education requirements
Courses required for the Cognate

Blue text
Brown text
Green text

Year 1

Semester 1

Course Code	Course Name	Course Credits	Prerequisite(s)
CPTR120	Introduction to Computer Programming	3	University Entry requirements
MATH182	Calculus with Applications	3	
ENGL125	Academic Writing I	3	CXC ENGLISH
RELT100	God and Human Life	3	None
COMM104	Communication Skills	3	None
		15	

Semester 2

Course Code	Course Name	Course Credits	Prerequisite(s)
CPTR150	Computer Science I	3	CPTR120, MATH182
ECON226 OR ECON227 OR ACT121	Principles of Microeconomics Principles of Macroeconomics Fundamentals of Accounting I	3	
HLED220	Community and Environmental Health	3	None
PSYC101	Introduction to Psychology	3	None
		12	

Year 2

Semester 1

Course Code	Course Name	Course Credits	Pre-Requisite(s)
CPTR250	Computer Science II	3	CPTR150
CPTR270	Computer Organization & Assembler	3	CPTR150
CPTR331	Web Development	3	CPTR150
EDTE354	Philosophy of Education	2	None
IDSC205	Introduction to Fine Arts	2	
BHSC100	Philosophy of Service	2	None
		15	

Semester 2

Course Code	Course Name	Course Credits	Pre-Requisite(s)
CPTR290	Data Structures and Algorithms	3	CPTR250
CPTR282	Operating Systems	3	CPTR250, CPTR270
CPTR352	Business Programming	3	CPTR250
PHYS115	Concepts of Physics	3	
		12	

Year 3

Semester 1

Course Code	Course Name	Course Credits	Pre-Requisite(s)
CPTR321	Database Systems Design & Development	3	CPTR250
REL210 OR REL250	Jesus in His Time and Ours Personal Spirituality and Faith	3	None
IDSC110	College Success and Career Planning	1	None
HIST104 OR HIST105 OR HIST147	World Civilizations I World Civilizations II West Indian History**	3	None
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**If Caribbean History was not passed at GCE/CXC/CSEC level, HIST147 must be taken.

Notes & Guidelines

- Courses required to complete this degree

Cognate courses	3 credits
Computing (Core) courses	27 credits
General Education requirements	34 Credits

- Students are required to take a minimum of **two (2)** Religion courses.
- Students who did not pass Caribbean History at CXC/GCE level MUST take HIST147.
- Students are allowed a maximum load of 16 credits per semester. Approvals for a greater number is only granted to students who satisfy the GPA requirement.