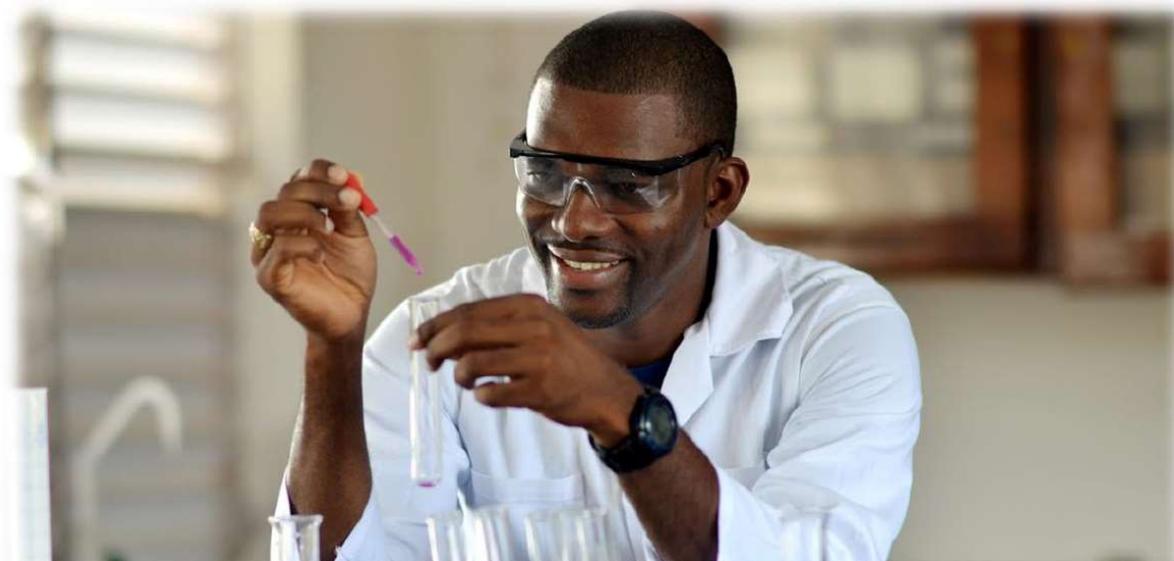




Major requirements (100 credits)

Associate of Science – Natural Sciences

Natural Sciences is a multi-disciplinary study focusing on the sciences or knowledge of objects or processes observable in nature. The Associate of Science Natural Sciences prepares candidates to enter various fields of the natural sciences after completing a minimum of two years of study.



Option 1 provides the opportunity for candidates to pursue further study to enable careers in areas such as bio informatics, medicine, aerospace design and engineering, scientific research development, forensics science, space based engineering, sustainable development, astronomy, cognitive science, telecommunication, molecular evolution, human anatomy and meteorology.

Option 2 provides the opportunity for candidates to pursue further study to enable careers in areas such as medicine, marine and wild life, bio physics, bio technology, astronomy, astro biology, bio engineering, planetary science, computational biology, human anatomy, sustainable development, research science, DNA science, gene sequencing, gravity pulling, environmental virology and medical physics.

While Option 3 provides the opportunity for candidates to pursue further study to enable careers in areas such as medicine, bio chemistry, public health, pharmacology, toxicology, forensic science, chemical engineering, chemistry analysis, epidemiology, bio informatics, food science, chemical engineering, population ecology, metabolic engineering, synthetic biology, research science and microbiology.

OPTION 1

General Education Requirements (30 credits)

- Caribbean Studies
- Communication Studies
- Integrated Mathematics

Core Courses (40 credits)

- Physics Unit 1
- Physics Unit 2
- Chemistry Unit 1
- Chemistry Unit 2

Adjunct/Supporting Courses (20 credits)

- Choose one **CAPE**[®] Unit from Humanities and Fine Arts
- Choose one **CAPE**[®] Unit from Social and Behavioural Sciences OR Natural, Physical Sciences and Technology

Elective (10 credits)

- Choose one Unit from any other **CAPE**[®] syllabus

OR

OPTION 2

General Education Requirements (30 credits)

- Caribbean Studies
- Communication Studies
- Integrated Mathematics

Core Courses (40 credits)

- Biology Unit 1
- Biology Unit 2
- Physics Unit 1
- Physics Unit 2

Adjunct/Supporting Courses (20 credits)

- Choose one **CAPE**[®] Unit from Humanities and Fine Arts
- Choose one **CAPE**[®] Unit from Social and Behavioural Sciences OR Natural, Physical Sciences and Technology

Elective (10 credits)

- Choose one Unit from any other **CAPE**[®] syllabus



OR

OPTION 3

General Education Requirements (30 credits)

- Caribbean Studies
- Communication Studies
- Integrated Mathematics

Core Courses (40 credits)

- Chemistry Unit 1
- Chemistry Unit 2
- Biology Unit 1
- Biology Unit 2

Adjunct/Supporting Courses (20 credits)

- Choose one **CAPE®** Unit from Humanities and Fine Arts
- Choose one **CAPE®** Unit from Social and Behavioural Sciences OR Natural, Physical Sciences and Technology

Elective (10 credits)

- Choose one Unit from any other **CAPE®** syllabus

