AcademiX School of Learning

Associates Degree Requirements



Introduction

Subjects for **CAPE®** are arranged as 1-Unit or 2-Unit courses. Each Unit consists of three Modules and requires approximately 150 hours of work. The 150 hours required for the completion of each Unit is equivalent to 10 credits. The cluster of ten Units is, therefore, equivalent to 100 credits.

The grades awarded by CXC® can be equated to Grade Points as shown in the table below.

GRADE	POINTS
I	4.0
II	3.5
III	3.0
IV	2.5
V	2.0

Courses that make up the **CXC®** Associate Degree are separated into three bands as shown below:

General Education Courses (compulsory) 30 credits

- Communication Studies
- Caribbean Studies
- Integrated Mathematics

Core Courses (based on specialization) 40 credits

At least four CAPE® Units relevant to their area of specialisation.

Electives 10 credits

A single Unit and can be chosen from any other **CAPE®** subjects not included in the General Education Requirements or Core Courses.

Associate of Science

Mathematics

About Mathematics

Mathematics is the study of creating, communicating, connecting and applying structural and quantitative ideas. The Associate of Science – Mathematics prepares candidates to enter various fields of mathematics after completing a minimum of two years of study. It provides the opportunity for candidates to pursue further study to enable careers in areas such as data science and analytics, block chain technology, statistics, cryptography, market analysis, bio statistics and bio mathematics, project management, robotics, engineering and computing, quantitative finance and actuarial science.

General Education Requirements

- Caribbean Studies
- Communication Studies

Core Courses

- Applied Mathematics Unit 1
- Applied Mathematics Unit 2
- Pure Mathematics Unit 1
- Pure Mathematics Unit 2

Adjunct/Supporting Courses

- *Choose one **CAPE®** Unit from Humanities and Fine Arts.*
  - *French Unit 1 or 2*
  - *History Unit 1 or 2*
  - *Literatures in English Unit 1 or 2*
  - *Spanish Unit 1 or 2*
- *Choose one **CAPE®** Unit from Social and Behavioural Sciences*
  - *Economics Unit 1 or 2*
  - *Sociology Unit 1 or 2*
- *Choose one **CAPE®** Unit from Natural, Physical Sciences and Technology*
  - *Biology Unit 1 or 2*
  - *Chemistry Unit 1 or 2*
  - *Information Technology 1 or 2*
  - *Physics Unit 1 or 2*

Elective

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