

Foundation in Science Programme Structure *for Physical Science (Stream P)*

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All information is correct at the time of printing and is subject to change without prior notice.

Part One: Overview

Physical Science students are required to take the following courses:

1.1 Major Courses

- Biology I
- Biology II
- Mechanics
- Thermodynamics and Electromagnetism
- Waves and Modern Physics

1.2 Core Courses

- Effective Communication Skills
- English for Academic Study
- Inorganic Chemistry
- Mathematics I
- Mathematics II
- Mathematics III
- Organic Chemistry
- Physical Chemistry
- Programming Concepts

Part Two: Programme Structure

Physical Science students are recommended to register courses based on the following programme structure designed for a one-year foundation programme.

2.1 Trimester One

All courses in this trimester will be automatically registered by the University for all new Physical Science students. Students may fill-in the *Add-Drop Form* if they wish to drop one or more courses.

Category	Trimester I		
	Course Code	Course Name	Credit
General Paper	FHEL1012	English for Academic Study	2
Mathematics	FHMM1014	Mathematics I	4
Physics	FHSC1014	Mechanics	4
Chemistry	FHSC1114	Physical Chemistry	4
Biology	FHSB1214	Biology I	4
Total Credit Hours			18

2.2 Trimester Two

Students are required to pre-register all courses for Trimester Two at a stipulated duration which will be announced in the *CFS Website* and *Student Portal* at the end of Trimester One. Students may register one or more courses with the recommendation from their Academic Advisor.

Category	Trimester II		
	Course Code	Course Name	Credit
General Paper	FHCT1022	Programming Concepts	2
Mathematics	FHMM1034	Mathematics III	4
Physics	FHSC1034	Waves and Modern Physics	4
Chemistry	FHSC1134	Inorganic Chemistry	4
Total Credit Hours			14

2.3 Trimester Three

Students are required to pre-register all courses for Trimester Three at a stipulated duration which will be announced in the *CFS Website* and *Student Portal* at the end of Trimester Two. Students may register one or more courses with the recommendation from their Academic Advisor.

Category	Trimester III		
	Course Code	Course Name	Credit
General Paper	FHMM1022	Effective Communication Skills	2
Mathematics	FHMM1024	Mathematics II	4
Physics	FHSC1024	Thermodynamics and Electromagnetism	4
Chemistry	FHSC1124	Organic Chemistry	4
Biology	FHSB1224	Biology II	4
Total Credit Hours			18