Excellence within everyone's reach!

A Ministry of Calvary Chapel Port-au-Prince

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COMPUTER SCIENCE

The globalization of the economy and trade that occurred from the 1990s onwards accelerated the development of communication networks worldwide. This has led to a technological revolution that primarily relies on computer skills. According to expert predictions, computer science will experience exponential growth in the years to come.

This program aims to train qualified technical professionals capable of meeting the global demand. It is understood that UE focuses first on educating its students to help the country progress in the digital age.

Course	Code	Credits	Prerequisite
First session			
College Algebra	MAT101	3	Entrance Examination
English I/LAB	ANG101	3	Entrance Examination
Christian Apologetics I	PHI103	3	Entrance Examination
French I	FRA101	3	Entrance Examination
Methodology of Intellectual Work (MIW)	EDU111	3	Entrance Examination
Introduction to Computer	INF101	3	Entrance Examination
Second session			
Calculus I	MAT106	3	College Algebra
English II/LAB	ANG102	3	English I
Christian Apologetics II	PHI104	3	Christian Apologetics I
French II	FRA102	3	French I
Python Programming Language	INF103	3	Entrance Examination

Third session			
English III (Trinity)	**ANG103**	**3**	**English II**
Python 2	**INF200**	**3**	**Python Programming Language**
Web Trinity I	**INF107**	**3**	**Introduction to Computer**
Calculus II	**MAT107**	**3**	**Calculus I**
French III **-C**	**FRA103**	**3**	**French II**
Fourth session			
Database	**INF106**	**3**	**Introduction to Computer**
Statistics	**MAT103**	**3**	**College Algebra**
Data Structures - Python - CS50	**INF104**	**3**	**Programming - Python II**
Java Programming Language	**INF103**	**3**	**Programming - Python II**
Boolean Algebra / Discrete Mathematics **-C**	**MAT110 /MAT104**	**3**	**College Algebra**
Computer Hardware	**INF109**	**3**	**Entrance Examination**
Fifth session			
Linear Algebra -C	**MAT105**	**3**	**Calculus I**
C# Programming Language	**INF114**	**3**	**Programming II – Java/Python**
Algorithms	**INF107**	**3**	**Data Structures**
Mobile App Development I	**INF105**	**3**	**Programming - Java**
Accounting I / Micro or Macroeconomics / Other **-C**		**3**	**Entrance Examination**
Sixth session			
Introduction to Artificial Intelligence - CS50 -C	**INF320**	**3**	**Programming II – Java/Python**
Software Development Planning	**INF206**	**3**	**Entrance Examination**
Humanities or Other Elective Course **-C**		**3**	**Programming II – Java/Python**

Communication and Networking	**INF106**	**3**	**Introduction to Computer**
Independent Project **-C**	**INF304**	**6**	**Dean's Program Authorization**
Seventh session			
Mobile App Development II **-C**	**INF201**	**3**	**Mobile App Dev I**
C++ Programming Language	**INF214**	**3**	**C# I & II**
Assembly Language -C	**INF301**	**3**	**C# I & II**
Humanities or Other Elective Course **-C**		**3**	**Entrance Examination**
Eighth session			
Cybersecurity or Other Computer Course	**INF300**	**3**	**Python**
Machine Learning	**INF310**	**3**	**Python**
Introduction to Operating Systems or Other Computer Course **-C**	**INF310**	**3**	**Dean's Program Authorization**
Computer Graphics **-C**	**INF211**	**3**	**Dean's Program Authorization**
Practical Internship Report in Company or Final Project **-C**		**0**	
Total Credits		**120**	

Seminar: Management Software/QuickBooks and Accpac

C: Elective (All courses not marked with a C are mandatory)

Criteria for obtaining the Bachelor's Degree

- **Take the courses in bold.**
- **Complete a project or a final thesis.**
- **A minimum of 120 credits is required for graduation.**