

Module Code	Module Name	Prerequisite /Co - requisite (if any)	CREDITS	Results
<b>Semester 7</b>				
	Specialization Elective (for Forensic chemistry only) e.g., Environmental Forensics ( <b>FOC4003</b> )	CHY2028 [T]	3	
<b>PHA4021</b>	Drugs and Toxicology	FOC3002	3	
<b>FOC4005</b>	Fire and Explosion Investigation	CHY2021[P] &FOC3006[T]	4	
<b>FOC4006</b>	Criminalistics	CHY2028	3	
<b>Semester 8</b>				
<b>FOC4007</b>	Document Analysis	CHY2028	2	
<b>FOC4008</b>	DNA Profiling	CHY2028	3	
<b>FOC4009</b>	Ballistics	PHS1014[T]& FOC4005[T]	4	
<b>PHA4022</b>	Chemical and Toxicological Analysis	CHY3022 OR FOC3002 OR PHA4021	3	
<b>PRJ4031</b>	Major Research Project	Required to be Level 4	4	

### F. Y. I.

**Please speak to your Programme Director/Academic Advisor about electives and to confirm whether there are module changes.**

#### SELECTING ZERO LEVEL MODULES

The zero level modules are: Preliminary Biology (**BIO0001**), Basic Physics (PHS0005), Fundamentals of Chemistry (**CHY0001**), Developmental English (**COM0001**).

**Students WITHOUT a pass in CSEC Physics, Chemistry, Biology or equivalent MUST register and complete the requisite zero level modules before moving on to higher level modules.**

**ie. you MUST NOT select CHY2021, CHY2022, CHY2023, CHY2024, PHS1014, PHS1015, BIO1001 unless you have a pass in the respective CSEC equivalent.**



## University of Technology, Jamaica Module Selection Guide School of Natural & Applied Science



### B.Sc. in Applied Science

#### Specialization in Forensic Chemistry Class of 2028

Student's Name: .....

Student's Id #: .....

**Start Date: August 2024**

**Programme Director: Samantha Kerr**  
samantha.kerr@utech.edu.jm

Module Code	Module Name	Prerequisite /Co-requisite (if any)	CREDITS	Results
<b>Semester 1</b>				
<b>PHS1014</b>	Preliminary Physics I	PHS0005 /CSEC Physics (Grades 1-3)	4	
<b>MAT1047</b>	College Maths 1B		4	
<b>HUM3003</b>	Understanding Ethics		3	
<b>CSP1001</b>	Community Service Project		1	
<b>COM1024</b>	Academic Literacy for Undergraduates (ALU)	See rules related to Proficiency test	3	
<b>Semester 2</b>				
<b>INT1001</b>	Information Technology		3	
<b>URP1001</b>	Introduction to Phys. Env. Planning		3	
<b>PHS1015</b>	Preliminary Physics II	PHS0005 /CSEC Physics (Grades 1-3)	4	
<b>BIO1001</b>	General Biology	BIO0001 /CSEC Bio (Grades 1-3)	4	
<b>MAT2003</b>	Calculus I	MAT1047 [T]	3	
<b>Semester 3</b>				
<b>CHY2021</b>	General Chemistry Theory 1	CHY0001 /CSEC Chem. Grades 1-3	3	
<b>CHY2022</b>	General Chemistry Practical 1	CHY0001 /CSEC Chem. Grades 1-3	1	
<b>STA2020</b>	Introductory Statistics		3	
	<b>University Elective</b>		3	
<b>COM2017</b>	Essentials of Technical Writing	COM1024	3	

Module Code	Module Name	Prerequisite /Co-requisite (if any)	CREDITS	Results
<b>Semester 4</b>				
<b>CHY2023</b>	General Chemistry Theory 2	CHY0001 /CSEC Chem. Grades 1-3	3	
<b>CHY2024</b>	General Chemistry Practical 2	CHY0001 /CSEC Chem. Grades 1-3	1	
<b>CHY3022</b>	Analytical Chemistry	CHY2021[P]	4	
<b>CHY2028</b>	Introduction to Forensic Science		4	
<b>Semester 5</b>				
<b>FOC3001</b>	Introduction to Forensic Chem.	CHY2021[P] & CHY2028[T] & CHY3022[T]	3	
<b>FOC3002</b>	Introduction to Medicinal Chem.	CHY2021	4	
<b>FOC3003</b>	Fibre Analysis	CHY2028[T]	3	
<b>CMP3036</b>	Introduction to Forensic Computg.	INT1001[P]	2	
<b>LLB3020</b>	Legal Ethics for Forensic Scientists	CHY2028[T]	3	
<b>Semester 6</b>				
<b>CHY3017</b>	Quality Ass.-Qual. Control. Tech. and Mgt.	CHY2021 & CHY3022	4	
<b>RES3001</b>	Research Methodologies	Required to be Level 3	3	
<b>FOC3004</b>	Crime Scene Investigation	CHY2028	4	
<b>FOC3005</b>	Substances of Abuse	CHY2028[T]	3	
<b>FOC3006</b>	Chemical Identification Techniques	FOC3001[T]	3	
<b>APS3001</b>	Summer Work Experience/ Externship		3	