

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

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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 2027

Student's Name:

Student's Id #:

Start Date: August 2023

Programme Director: Samantha Brown
samantha.brown@utech.edu.jm

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

Module Code	Module Name	Prerequisite /Co-requisite (if any)	CREDITS	Results
Semester 4				
CHY2023	General Chemistry Theory 2	CHY0001 /CSEC Chem. Grades 1-3	3	
CHY2024	General Chemistry Practical 2	CHY0001 /CSEC Chem. Grades 1-3	1	
CHY3022	Analytical Chemistry	CHY2021[P]	4	
CHY2028	Introduction to Forensic Science		4	
Semester 5				
FOC3001	Introduction to Forensic Chem.	CHY2021[P] & CHY2028[T] & CHY3022[T]	3	
FOC3002	Introduction to Medicinal Chem.	CHY2021	4	
FOC3003	Fibre Analysis	CHY2028[T]	3	
CMP3036	Introduction to Forensic Computg.	INT1001[P]	2	
LLB3020	Legal Ethics for Forensic Scientists	CHY2028[T]	3	
Semester 6				
CHY3017	Quality Ass.-Qual. Control. Tech. and Mgt.	CHY2021 & CHY3022	4	
RES3001	Research Methodologies	Required to be Level 3	3	
FOC3004	Crime Scene Investigation	CHY2028	4	
FOC3005	Substances of Abuse	CHY2028[T]	3	
FOC3006	Chemical Identification Techniques	FOC3001[T]	3	
ASP3001	Summer Work Experience/ Externship		3	