

Module Code	Module Name	Prerequisite /Co - requisite (if any)	CREDITS	Results
Semester 7				
CHY 4005	Environmental Chemistry		4	
CHY 4006	Advanced Inorganic Chemistry		3	
MAT 4001	Operations Research & Financial Mathematics		4	
MAT 4006	Dynamics		4	
MAT 4009	Issues in the Teaching of Mathematics		2	
PRJ ?	Integrative Study 1		1	
Semester 8				
PRJ ?	Integrative Study 2		2	
EDU 3004	Teaching Practice 2		6	

### F.Y.I

- **Please speak to your Programme Director/Academic Advisor about electives and to confirm whether there are module changes. Remember your Academic Advisor is here to assist you in making your academic decisions!**
- **A Prerequisite module marked 'P' must be passed before the requisite module can be taken. One marked 'T' means that you must have taken this module before doing the requisite module.**



## University of Technology, Jamaica Module Selection Guide

### School of Natural & Applied Sciences



## BSc. in Science & Education Chemistry & Mathematics Class of 2015

Student's Name: .....

Student's Id #: .....

Start Date: August 2011

Name - Academic Advisor/PL/PD: .....

Module Code	Module Name	Prerequisite /Co-requisite (if any)	CREDITS	Results
Semester 1				
<b>MAT 1047</b>	College Mathematics 1B		4	
<b>EDU 1002</b>	School Observation		0.5	
<b>EDU 1005</b>	Foundations of Education		3	
<b>INT 1001</b>	Information Technology		3	
<b>PSY 1002</b>	Introduction to Psychology		3	
<b>COM 1020</b>	Academic Writing 1		3	
Semester 2				
<b>CHY 1022</b>	Fundamentals of Chemistry		3	
<b>MAT 1051</b>	College Mathematics 2		4	
<b>MAT 2003</b>	Calculus 1		3	
<b>EDU 1004</b>	Learning Theories & Practice		3	
<b>PSY 1003</b>	Adolescent and Adult Psychology		3	
<b>CSP 1001</b>	Community Service Project		1	
Semester 3				
<b>MAT 3008</b>	Calculus 2		3	
<b>MAT 3005</b>	Discrete Mathematics		3	
<b>CHY 2012</b>	General Chemistry 1		4	
<b>CHY 2022</b>	General Chemistry Laboratory 1	CHY 2021	1	
<b>COM 2014</b>	Academic Writing 2		3	
<b>EDU 2008</b>	Instructional Technology		3	

Module Code	Module Name	Prerequisite /Co-requisite (if any)	CREDITS	Results
Semester 4				
<b>CHY 2023</b>	General Chemistry Theory 2	CHY 2024	3	
<b>CHY 2024</b>	General Chemistry Laboratory 2	CHY 2023	1	
<b>CHY 4004</b>	Industrial Chemistry		2	
<b>STA 2020</b>	Introductory Statistics		3	
<b>EDU 2002</b>	Instructional Methods		3	
<b>EDU 2004</b>	Professional & Classroom Management		3	
Semester 5				
<b>CHY 3021</b>	Principles of Physical Chemistry		3	
<b>CHY 3022</b>	Analytical Chemistry		4	
<b>EDU 3005</b>	Assessment in Education		3	
<b>EDU 3008</b>	Teaching Practice 1		1	
<b>EDU 4026</b>	Seminars in Science Teaching		2	
<b>RES 3001</b>	Research Methodologies		3	
<b>STA 2017</b>	Probability Distribution Theory	(P) STA 2020	3	
Semester 6				
??	Introduction to Differential Equations		4	
<b>MAT 1043</b>	Linear Algebra		3	
<b>CHY 3024</b>	Advanced Organic Chemistry		4	
<b>CHY 3018</b>	Spectroscopic Methods of Analysis		4	
<b>EDU 4023</b>	Curriculum Planning & Development in Science		3	
	University Elective		3	