

Module Code	Module Name	Prerequisite /Co - requisite (if any)	CREDITS	Results
Semester 7				
BIO 4004	Microbiology		4	
BIO 4001	Biotechnology		4	
CHY 4005	Environmental Chemistry		4	
CHY 4006	Advanced Inorganic Chemistry		3	
STA 2020	Introductory Statistics		3	
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!**



**University of Technology, Jamaica
Module Selection Guide**

Natural & Applied Sciences



**BSc. in Science & Education
Biology /Chemistry
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				
BIO 1007	Introductory Biology		4	
COM 1020	Academic Writing		3	
EDU 1002	School Observation		0.5	
EDU 1005	Foundations of Education		3	
INT 1001	Information Technology		3	
MAT 1047	College Mathematics 1B		4	
PSY 1002	Introduction to Psychology		3	
Semester 2				
BIO 2002	Developmental Biology		4	
CHY 1022	Fundamentals of Chemistry		3	
MAT 2003	Calculus 1		3	
EDU 1004	Learning Theories & Practice		3	
PSY 1003	Adolescent & Adult Psychology		3	
CSP 1001	Community Service Project		1	
Semester 3				
BIO 2001	Cell & Molecular Biology		4	
CHY 2021	General Chemistry 1		3	
CHY 2022	General Chemistry Laboratory 1	CHY 2021	1	
MAT 3008	Calculus 2		4	
MAT 3005	Discrete Mathematics		3	
COM 2014	Academic Writing 2		3	
EDU 2008	Instructional Technology		3	

Module Code	Module Name	Prerequisite /Co-requisite (if any)	CREDITS	Results
Semester 4				
BIO 2003	Plant & Animal Diversity		4	
CHY 2023	General Chemistry Theory 2	CHY 2024	3	
CHY 2024	General chemistry Laboratory 2	CHY 2023	1	
CHY 4004	Industrial Chemistry		2	
EDU 2002	Instructional Methods		3	
EDU 2004	Professional & Classroom Management		3	
Semester 5				
BIO 3001	Transport Processes		4	
CHY 4007	Principles of Physical Chemistry	CHY 2021 /CHY 2022	3	
CHY 3022	Analytical Chemistry	CHY 2012 /CHY2022	4	
EDU 3005	Assessment in Education		3	
EDU 3008	Teaching Practice 1		1	
EDU 4026	Seminars in science Teaching		2	
RES 3001	Research Methodologies		3	
Semester 6				
BIO 3002	Plant & Animal Metabolism		4	
BIO 3003	Coordination & Control		4	
CHY 3024	Advanced Organic Chemistry		4	
CHY 3018	Spectroscopic Methods of Analysis		4	
EDU 4023	Curriculum Planning & Development in Science		3	
	University Elective		3	