

Module Code	Module Name	Prerequisite /Co - requisite (if any)	CREDITS	Results
Semester 7				
MAT 4001	Operations Research & Financial Mathematics		4	
MAT 4006	Dynamics		4	
MAT 4009	Issues in the Teaching of Mathematics		2	
BIO 4004	Microbiology		4	
BIO 4001	Biotechnology		4	
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  
Biology & 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>BIO 1007</b>	Introductory Biology		4	
<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>COM 1020</b>	Academic Writing 1		3	
<b>PSY 1002</b>	Introduction to Psychology		3	
Semester 2				
<b>BIO 2002</b>	Developmental Biology		4	
<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 & Adult Psychology		3	
<b>CSP 1001</b>	Community Service Project		1	
Semester 3				
<b>BIO 2001</b>	Cell & Molecular Biology		4	
<b>MAT 3008</b>	Calculus 2		4	
<b>MAT 3005</b>	Discrete Mathematics		3	
<b>COM 2014</b>	Academic Writing 2		3	
<b>EDU 2008</b>	Instructional Technology		3	

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Semester 4				
<b>BIO 2003</b>	Plant & Animal Diversity		4	
<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>BIO 3001</b>	Transport Process		4	
<b>STA 2017</b>	Probability Distribution Theory	(P) STA 2020	3	
<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	
Semester 6				
<b>BIO 3002</b>	Plant & Animal Metabolism		4	
<b>BIO 3003</b>	Coordination & Control		4	
<b>MAT 1043</b>	Linear Algebra	(T) MAT 1047	3	
<b>???</b>	Introduction to Differential Equations		4	
<b>EDU 4023</b>	Curriculum Planning & Development in Science		3	
	University Elective		3	