

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 I the Teaching of Mathematics		2	
PHS 4001	Quantum & Nuclear Physics		4	
PHS 4002	Electronics, Digital Systems & Communication		4	
PRJ ?	Integrative Study 1		1	
Semester 8				
PRJ ?	Integrative Study 2		2	
EDU 3004	Teaching Practice 2		6	

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- **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
Mathematics & Physics
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				
PHS 1014	Preliminary Physics I		4	
COM 1020	Academic Writing 1		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				
MAT 1051	College Mathematics 2		4	
MAT 2003	Calculus 1		3	
PHS 1015	Preliminary Physics 2		4	
EDU 1004	Learning Theories & Practice		3	
PSY 1003	Adolescent & Adult Psychology		3	
CSP 1001	Community Service Project		1	
Semester 3				
MAT 3008	Calculus 2		4	
PHS 3005	Electricity, Magnetism & Optics		4	
ELE 2005	Digital Electronics		4	
COM 2014	Academic Writing 2		3	
EDU 2008	Instructional Technology		3	
MAT 3005	Discrete Mathematics		3	

Module Code	Module Name	Prerequisite /Co-requisite (if any)	CREDITS	Results
Semester 4				
PHS 2009	Signals and Systems		4	
PHS 2010	Communication Systems		4	
STA 2020	Introductory Statistics		3	
EDU 2002	Instructional Methods		3	
EDU 2004	Professional & Classroom Management		3	
Semester 5				
STA 2017	Probability Distribution Theory	(P) STA 2020	3	
PHS ?	Electro -magnetism		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				
	Introduction to Differential Equations		4	
MAT 1043	Linear Algebra	(T) MAT 1047	3	
PHS ??	Fluid Dynamics		4	
EDU 4023	Curriculum Planning & Development in Science		3	
	University Elective		3	