

Module Code	Module Name	Prerequisite	CREDITS	Result
<b>SEMESTER 7</b>				
POM4004	Project Management		3	
STA4005	Applied Geostatistics	STA1008 STA2020	3	
STA4006	GIS Statistics	STA1008 STA2020	3	
STA4007	Data Quality Management	STA1010	3	
STA4009	Advanced Biostatistics	STA2014 STA2015 STA2016	3	
<b>SEMESTER 8</b>				
PRJ4021	Integrative Study/Research Paper		3	
STA4001	Applied Statistical Practice	STA2014 STA2016 STA3004 STA3005	3	
STA4004	Statistical Computing	STA2020	3	
	University Elective		3	

### F. Y. I.

**Remember, your Academic Advisor is here to support you in making your academic decisions!**

- Information on prerequisites  
✓ .....
- Information on electives  
✓ .....
- Other information  
❖ This diet is subject to changes throughout the academic year.



**University of Technology, Jamaica  
Module Selection Guide  
School of Mathematics and Statistics**



## **B.Sc. Applied Statistics— Environmental Statistics Option Class of 2027**

Student's Name: .....

Student's I.D. #: .....

Start Date: .....

Name of Academic Advisor: .....

Name of Programme Director: Mrs. Vanessa Dillon

Email: [vanessa.thomas@utech.edu.jm](mailto:vanessa.thomas@utech.edu.jm)

***Revised June 2023***

Module Code	Module Name	Prerequisite	CREDITS	Result
<b>SEMESTER 1</b>				
COM1024	Academic Literacy for Undergraduates		3	
CSP1001	Community Service Project		1	
INT1001	Information Technology		3	
MAT1047	College Mathematics 1B		4	
STA1008	Exploratory Data Analysis		3	
STA2020	Introductory Statistics		3	
<b>SEMESTER 2</b>				
MAN1006	Introduction to Management		3	
MAT1043	Linear Algebra	MAT1047	3	
STA1010	Census and Sample Survey Methods	STA2020	3	
MAT2003	Calculus 1	MAT1047	3	
SCT2001	Science & Technology		2	
<b>SEMESTER 3</b>				
CMP2018	Database Design	INT1001	3	
COM2017	Essentials of Technical Writing	COM1024	3	
STA2016	Design of Experiments	STA2020	3	
STA2017	Probability Distribution Theory	MAT2003 STA2020	3	
ENT3001	Entrepreneurship		3	

Module Code	Module Name	Prerequisite	CREDITS	Result
<b>SEMESTER 4</b>				
URP1001	Introduction to Physical Environment Planning		3	
STA2014	Regression Analysis	MAT1043 STA2020	3	
STA2015	Theory of Inferential Statistics	STA2017	3	
URP2011	Population and the Environment		3	
MAT3008	Calculus 2	MAT2003	4	
<b>SEMESTER 5</b>				
STA3003	Stochastic Processes	STA2017	3	
STA3004	Analysis of Categorical Data	STA2014 STA2016	3	
STA3005	Multivariate Data Analysis	STA2020	3	
URP3001	Land Economics and Land Tenure Systems		3	
URP3010	Introduction to Geographic Information Systems		3	
URP4001	Environmental Resource Planning		4	
<b>SEMESTER 6</b>				
COE3021	Environmental Impact Assessment		3	
RES3001	Research Methodologies		3	
STA3007	Forecasting Time Series	STA2014	3	
STA3008	Nonparametric Statistics	STA2020	3	
STA3010	Ecology Statistics Methods	STA2020	3	
STA3011	Environmental Statistics	STA2020	3	