

Module Code	Module Name	Prerequisite	CREDITS	Result
<b>SEMESTER 7</b>				
MAT4001	Operations Research & Financial Mathematics	MAT2003 STA2020	4	
POM4004	Project Management		3	
ECO4005	Econometrics	STA2014 ECO3002 ECO3013	3	
STA4003	Statistical Demography	STA3009	3	
STA4007	Data Quality Management	STA1010	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—Social and Economic 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>				
ECO1001	Introduction to Microeconomics		3	
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	

Module Code	Module Name	Prerequisite	CREDITS	Result
<b>SEMESTER 4</b>				
SOC1001	Introduction to Sociology		3	
ECO2001	Introduction to Macroeconomics		3	
STA2014	Regression Analysis	MAT1043 STA2020	3	
STA2015	Theory of Inferential Statistics	STA2017	3	
ENT3001	Entrepreneurship		3	
MAT3008	Calculus 2	MAT2003	4	
<b>SEMESTER 5</b>				
ECO3002	Intermediate Macroeconomics	ECO2001	3	
ECO3013	Intermediate Microeconomics	ECO1001 MAT2003	3	
STA3003	Stochastic Processes	STA2017	3	
STA3004	Analysis of Categorical Data	STA2014 STA2016	3	
STA3005	Multivariate Data Analysis	STA2020	3	
STA3006	Index Numbers and External Trade	ECO2001 STA2020	3	
<b>SEMESTER 6</b>				
STA2008	Labour Force and Establishment Statistics	STA2020	2	
STA2012	National Accounts and Financial Statistics	ECO2001 STA2020	3	
RES3001	Research Methodologies		3	
STA3007	Forecasting Time Series	STA2014	3	
STA3008	Nonparametric Statistics	STA2020	3	
STA3009	Demography and Social Statistics	SOC1001 STA2020	3	