



**Faculty of Science and Technology**  
**MPIT Department**  
**BACHELORS DEGREE**  
**Statistics (BSTA)**

NAME: \_\_\_\_\_  
 ID #: \_\_\_\_\_  
 ADVISOR: \_\_\_\_\_

**Sequence Effective Semester: 2018-1**

Course Code	Course Name	Credits	Status	Grade	Pre-requisites	Co-requisites
<b>Year 1 Semester I</b>						
MATH1151	ALGEBRA	3	PC			
MATH1201	TRIGONOMETRY	3	PC			
ENGL1014	COLLEGE ENGLISH I	3	GC			
CMPS1124	INTRODUCTION TO PROGRAMMING	3	GC/SC			
ECON1014	INTRODUCTION TO ECONOMICS	3	GC/SC			
<b>Total Credits</b>		<b>15</b>				
<b>Year 1 Semester II</b>						
STAT1014	FUNDAMENTAL PRINCIPLES OF OFFICIAL STATISTICS	3	PC			
MATH1302	CALCULUS I	3	PC		MATH1151 & MATH1201	
CMPS1171	INTRODUCTION TO DATABASES	3	SC		CMPS1131 or CMPS1124	
CMPS1122	PROGRAMMING II	3	SC		CMPS1124	
ENGL1025	COLLEGE ENGLISH II	3	GC		ENGL1014	
MGMT1014	APPLIED MANAGEMENT	3	GC			
<b>Total Credits</b>		<b>15</b>				
<b>Year 2 Semester I</b>						
MATH2201	CALCULUS II	3	PC		MATH 1302	
SPAN12015	INTERMEDIATE SPANISH	3	GC			
MATH2151/ MATH2211	STATISTICS I/ BIOSTATISTICS I	3	PC		MATH1151	
ENGL1035	COMPOSING PROCESS	3	GC		ENGL1035	
NRMP1014	ENVIRONMENTAL CONSERVATION & DEVELOPMENT	3	GC/SC			
SOCL1014	INTRODUCTION TO SOCIOLOGY	3	GC			
<b>Total Credits</b>		<b>18</b>				
<b>Year 2 Semester II</b>						
MATH2352/ MATH3012	STATISTICS II /BIOSTATISTICS II	3	PC		MATH 2151/ MATH2011	
STAT2151	INTRODUCTION TO STATISTICAL SOFTWARE	3	PC		MATH 2151/ MATH2011	
RSCH2014	RESEARCH METHODS	3	GC			
ENGL2105	COMMUNICATION SKILLS	3	SC		ENGL1025	
HIS1014	BELIZEAN HISTORY	3	GC			
PHIL1014	ETHICS	3	GC			
<b>Total Credits</b>		<b>18</b>				
<b>Year 3 Semester I</b>						
ENGL 3155	TECHNICAL WRITING	3	SC		ENGL1025	
MATH 3151	LINEAR ALGEBRA	3	PC			

Course Code	Course Name	Credits	Status	Grade	Pre-requisites	Co-requisites
STAT3011	ECONOMIC STATISTICS	3	PC		ECON1014/ MATH2352 OR MATH3012	
MATH 3251	CALCULUS III	3	PC		MATH2201	
STAT3021	SOCIAL STASTICS	3	PC		SOCL1014/ MATH2352 OR MATH3012	
STAT3071 or STAT3152	LINEAR REGRESSION MODELS or TOPICS IN SURVEY RESEARCH	3	PC		MATH2352 OR MATH3012	
<b>Total Credits</b>		<b>18</b>				
<b>Year 3 Semester II</b>						
MATH 3302	PROBABILITY & STATISTICS I	3	PC		MATH2151, MATH3151, & MATH3251	
STAT3042	INTRODUCTION TO ECONOMETRICS	3	PC		STAT3011	
NRMP3401	INTRODUCTION TO GIS	3	SC			
STAT3052	DEMOGRAPHIC TECHNIQUES	3	PC		RSCH2014/ MATH2352 OR MATH3012	
STAT3062	APPLIED MULTIVARIATE STATISTICS	3	PC		MATH2352 OR MATH3012	
STAT3031	LIVING STANDARDS MEASUREMENT	3	PC		RSCH2014/MATH23 52 OR MATH3012	
<b>Total Credits</b>		<b>18</b>				
<b>Year 4 Semester I</b>						
MATH 4151	PROBABILITY & STATISTICS II	3	PC		MATH3322	
STAT 4041	INTRODUCTION TO TIME SERIES	3	PC		MATH3302	
STAT 4051	QUANTITATIVE SPATIAL STATISTICS	3	PC		MATH 2352	
STAT4101	DESIGN & ESTIMATION IN SURVEY SAMPLING	3	PC		RSCH2014/ MATH32352/ MATH3012	
STAT4121	TIME SERIES ANALYSIS AND MODELLING	3	PC		MATH1201/ MATH2352/ RCSH2014	
STAT4131	ADVANCE STATISTICAL SOFTWARE	3	PC		STAT3062	
<b>Total Credits</b>		<b>18</b>				
<b>Year 4 Semester II</b>						
MATH 4992	INTERNSHIP	12	PC		*Senior Standing	
<b>Total Credits</b>		<b>12</b>				
<b>Total Credits for Program: 129 credits</b>						

\*Senior Standing – Successful completion of ALL professional core and support core courses.

Acceptance Conditions: \_\_\_\_\_  
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<b>Professional Core (PC):</b>	<b>81</b>
<b>Support Core (SC):</b>	<b>18</b>
<b>General Core (GC):</b>	<b>30</b>
<b>Program's total credits:</b>	<b>129</b>
Date Modified: May 2018	

Definitions		
Professional Core	PC	Courses in your major. They often carry the name of the major in the code eg MECH/ELEC -- for AMEE majors. Grade needed: C with overall PC GPA 2.5(C+)
Support Core	SC	Courses that provide background knowledge for professional core courses. Grade Needed: C
General Core	GC	Courses required by all programs at the University. Grade Needed: C
Electives	EL	An optional course, not on the program sequence. Can be any subject which is offered at the University. Grade Needed: C
Pre-requisite	PR	A required course taken prior to taking desired course. Grade Needed: Depends on the course
Co-requisite	CR	Courses that should be taken along with desired course. Grade Needed: Depends on the course

**Graduation requirement:** Successfully complete all courses in program sequence with a minimum GPA of 2.0 (C) and a Professional Core GPA of 2.5 (C+).

Reminder to check with the Records office one academic year before expected graduation date for confirmation of courses required for graduation.