

## Economics Major

### LEVEL I (Minimum 30 credits)

ECON1000: Principles of Economics I  
ECON1012: Principles of Economics II  
ECON1003: Mathematics for Social Sciences I  
ECON1004: Mathematics for Social Sciences II  
ECON1005: Introduction to Statistics  
FOUN1013: Critical Reading and Writing  
FOUN1101: Caribbean Civilization  
FOUN1201: Science, Medicine and Technology

*Two Level I free electives*

### LEVEL II & III (Minimum 60 credits)

ECON2000: Intermediate Microeconomics I  
ECON2001: Intermediate Microeconomics II  
ECON2002: Intermediate Macroeconomics I  
ECON2003: Intermediate Macroeconomics II  
ECON2008: Statistical Methods I  
ECON2015: Matrix Algebra  
ECON3049: Econometrics

*Three Level II/III electives from Economics*

*(Students are encouraged to do ECON2016: Calculus)*

*Ten Level II/III free electives*

## Economics Minor

### LEVEL II & III (Minimum 15 credits)

ECON2000: Intermediate Microeconomics I  
ECON2001: Intermediate Microeconomics II  
ECON2002: Intermediate Macroeconomics I  
ECON2003: Intermediate Macroeconomics II

*One Level II/III elective from Economics*

### NOTE:

Students pursuing a degree in Economics are Encouraged to register for **ECON2016**.

Students who wish to pursue a MSc. Economics Degree are encouraged to register for the following courses:

**ECON2016: Calculus for Social Sciences**

**ECON3031: Probability & Distribution Theory**

Students pursuing a degree in Economics or Banking and Finance **MUST NOT** register for **MGMT2020**

**ACCT2014** is a pre-requisite for **ECON3073**

Therefore Banking and Finance students Are encouraged to register for this course as a free elective

## Banking & Finance Major

### LEVEL I (Minimum 30 credits)

ECON1000: Principles of Economics I  
ECON1012: Principles of Economics II  
ECON1003: Mathematics for Social Sciences I  
ECON1004: Mathematics for Social Sciences II  
ECON1005: Introduction to Statistics  
ACCT1005: Intro to Financial Accounting  
ACCT1003: Intro to Cost & Management Acct.  
FOUN1013: Critical Reading and Writing  
FOUN1101: Caribbean Civilization  
FOUN1201: Science, Medicine and Technology

### LEVEL II & III (Minimum 60 credits)

ECON2000: Intermediate Microeconomics I  
ECON2002: Intermediate Macroeconomics I  
MGMT2004: Computer Applications  
MGMT2068: Risk and Treasury Management  
MGMT2023: Financial Management I  
ECON3010: Finance and Development  
ECON3011: Economics of Financial Institutions  
ECON3073\*: Credit Analysis and Lending  
MGMT3066: Business Ethics for Bankers  
MGMT3067: Regulatory Framework of Banking

**\*Pre-requisite ECON2002 & ACCT2014**

*Ten Level II/III free electives*

## Economics + Banking & Finance Double Major

### LEVEL I

*Same as Banking & Finance Major*

### LEVEL II (Minimum 30 credits)

ECON2000: Intermediate Microeconomics I  
ECON2001: Intermediate Microeconomics II  
ECON2002: Intermediate Macroeconomics I  
ECON2003: Intermediate Macroeconomics II  
ECON2008: Statistical Methods  
ECON2015 Matrix Algebra  
MGMT2004: Computer Applications  
MGMT2068: Risk and Treasury Management  
MGMT2023: Financial Management I

*One Level II/III elective from Economics or MSBM*

*(Students are encouraged to do ECON2016: Calculus)*

### LEVEL III (Minimum 30 credits)

ECON3010: Finance and Development  
ECON3011: Economics of Financial Institutions  
ECON3049: Econometrics  
ECON3073: Credit Analysis and Lending  
MGMT3066: Business Ethics for Bankers  
MGMT3067: Regulatory Framework of Banking

*Four Level II/III electives from Economics or MSBM*

## Statistics Major

### LEVEL I (Minimum 30 credits)

*Same as Economics Major*

### LEVEL II & III (Minimum 60 credits)

ECON2008: Statistical Methods I  
ECON2009: Statistical Methods II  
ECON2010: Statistical Computing  
ECON2014: Sampling Methods  
ECON2015: Matrix Algebra  
ECON3031: Probability & Distribution Theory  
ECON3032: Statistical Estimation & Inference

*Three Level II/III electives from Statistics*

*Ten Level II/III free electives*

## Economics + Statistics

### Double Major

### LEVEL I (Minimum 30 credits)

*Same as Economics Major*

### LEVEL II & III (Minimum 60 credits)

ECON2000: Intermediate Microeconomics I  
ECON2001: Intermediate Microeconomics II  
ECON2002: Intermediate Macroeconomics I  
ECON2003: Intermediate Macroeconomics II  
ECON2008: Statistical Methods I  
ECON2009: Statistical Methods II  
ECON2010: Statistical Computing  
ECON2014: Sampling Methods  
ECON2015: Matrix Algebra  
ECON3031: Probability & Distribution Theory  
ECON3032: Statistical Estimation & Inference

*3 Level III Electives from Statistics*

*3 Level II/III Electives from Economics*

*2 Level II/III Electives from Economics / Statistics*

## Statistics Minor

### LEVEL II & III (Minimum 15 credits)

ECON2008: Statistical Methods I  
ECON2009: Statistical Methods II  
ECON2014: Sampling Methods

*Two Level II/III from Statistics*

**NOTE: Students pursuing a degree in Statistics are encouraged to do ECON2016: Calculus**

SOCI1005, SCOI2008, SOCI2007 are **NOT** accepted as prerequisites or requirements for any ECON course. Students must do **ECON1005 & ECON1004** or **MATH1142, ECON2008** and **ECON2014**.

## Economics + Mathematics Double Major (with the Dept. of Mathematics)

### LEVEL I (Minimum 30 credits)

ECON1000: Principles of Economics  
ECON1012: Principles of Economics II  
ECON1005: Introduction to Statistics  
MATH1141: Introduction to Linear Algebra & Analytic Geometry  
MATH1142: Calculus I  
MATH1151: Calculus II  
MATH1152: Introduction to Formal Mathematics  
FOUN1013: Critical Reading & Writing in Social Sciences  
FOUN1101: Caribbean Civilization  
FOUN1201: Science, Medicine & Technology in Society

### LEVEL II & III (Minimum 66 credits)

ECON2000: Intermediate Microeconomics I  
ECON2001: Intermediate Microeconomics II  
ECON2002: Intermediate Macroeconomics I  
ECON2003: Intermediate Macroeconomics II  
MATH2401: Elements of Mathematical Analysis  
MATH2403: Multivariable Calculus  
MATH2404: Introduction to Probability Theory  
MATH2410: A First Course in Linear Algebra  
MATH2411: Introduction to Abstract Algebra  
MATH2420: Ordinary Differential Equations  
ECON3049: Econometrics  
MATH3155: Complex Variables  
MATH3412: Advanced Linear Algebra  
MATH3402: Metric Spaces and Topology

*Three Level II/III electives from Economics*

*Two Level III electives from Economics*

*Three Level II/III electives from Mathematics*

## Economics with Mathematics Minor (with the Dept. of Mathematics)

### LEVEL I

*Same as Economics & Mathematics Major*

### LEVEL II & III

ECON2000: Intermediate Microeconomics I  
ECON2001: Intermediate Microeconomics II  
ECON2002: Intermediate Macroeconomics I  
ECON2003: Intermediate Macroeconomics II  
ECON2008: Statistical Methods I  
MATH2401: Elements of Mathematical Analysis  
MATH2410: A First Course in Linear Algebra  
ECON3049: Econometrics  
MATH3400: Complex Variables  
MATH3412: Advanced Linear Algebra

*Two Level II/III electives from Economics*

*Two Level III electives from Economics*

*Two Level II/III electives from Mathematics*

*Four Level II/III free electives*

**NOTE:** Where Economics and Mathematics courses are anti-requisites, students should substitute the ECON courses with other Levels II/III ECON electives.



# DEPARTMENT of ECONOMICS



## Quick Guide to Courses and Degrees

2021/22

## 1st Semester

Code	Title	Pre-requisites	Day/ Time*	Lecturer
<b>Level I</b>				
ECON1000	Principles of Economics	CXC Math <sup>1</sup> or ECON0001 or GOVT0100	T1 T2 W4 W5 W8 W9 R12 R1 R6 R7 F12 F1	
ECON1003	Mathematics for Social Sciences I	CXC Math <sup>1</sup> or ECON0001 or GOVT0100	R5 R6 F10 F11 F2 F3	
ECON1004	Mathematics for Social Sciences II	ECON1003 or CAPE Math or (MATH0100 & MATH0110)	M8 M9	
ECON1005	Introduction to Statistics	CXC Math <sup>1</sup> or ECON0001 or GOVT0100	M10 M11 T6 T7 W2 W3	
ECON1012	Principles of Economics II	ECON1000	F12 F1	
<b>Level II</b>				
ECON2000	Intermediate Microeconomics I	ECON1012 & (ECON1003 or ECON1004 or MATH1142) or (MATH0100 & MATH0110)	M7 M8 T3 T4	
ECON2002	Intermediate Macroeconomics I	ECON1012 & (ECON1003 or ECON1004 or MATH1142) or (MATH0100 & MATH0110)	W7 W8 R12 R1	
ECON2005	Social and Economic Accounting	ECON1000, ECON1012; ECON1005 & (ECON 1004 or MATH1142)	W4 W5	
ECON2008	Statistical Methods I	ECON1005 & (ECON1004 or MATH1142)	M2 M3 T1 T2	
ECON2014	Sampling Methods	ECON2008 or STAT2001 or SOCI2008	T11 T12	
ECON2015	Matrix Algebra	ECON1003 or ECON1004 or MATH1142	T10 R10	
ECON2020	Caribbean Economy	ECON1000	R5 R6	
ECON2023	International Economic Relations I	ECON1000	M9 M10	
ECON2025	Economics of Sport	ECON1012	W11 W12	
<b>Level III</b>				
ECON3005	Monetary Theory & Policy	ECON2000, ECON2002	M9 M10	
ECON3011	Economics of Financial Institutions	ECON2002	M4 M5	
ECON3016	Public Finance	ECON2000, ECON2001	R7 R8	
ECON3031	Probability & Distribution Theory	ECON2008 or SOCI2008 or STAT2001	W3 W4	
ECON3034	Environmental Economics	ECON1000	T8 T10	
ECON3037	Operations Research	ECON2015 or MATH2430	M2 M3	
ECON3049	Econometrics	(ECON2008 or ECON3031) or (MATH2404 & STAT2001) & (ECON2015 or MATH2410)	F8 F9	
ECON3051	Development Economics	ECON2002	T1 T2	

**KEY: M = Monday, T = Tuesday, W = Wednesday, R = Thursday, F = Friday**  
[mona.uwi.edu/economics](http://mona.uwi.edu/economics)      [econ@uwimona.edu.jm](mailto:econ@uwimona.edu.jm)      Phone (876) 428-6268

## 2nd Semester

Code	Title	Pre-requisites	Day/ Time*	Lecturer
<b>Level I</b>				
ECON1000	Principles of Economics	CXC Math <sup>1</sup> or ECON0001 or GOVT0100	M9 M10 W9 W10 R5 R6	
ECON1003	Mathematics for Social Sciences I	CXC Math <sup>1</sup> or ECON0001 or GOVT0100	W6 W7 F2 F3	
ECON1004	Mathematics for Social Sciences II	ECON1003 or CAPE Math or (MATH0110 & MATH0100)	M7 M8 F8 F9 T7 T8	
ECON1005	Introduction to Statistics	CXC Math <sup>1</sup> or ECON0001 or GOVT0100	R12 R1 F10 F11	
ECON1012	Principles of Economics II	ECON1000	T10 T11 R6 R7 F2 F3	
<b>Level II</b>				
ECON2000	Intermediate Microeconomics I	ECON1012 & (ECON1003 or ECON1004 or MATH1142) or (MATH0100 & MATH0110)	W2 W3	
ECON2001	Intermediate Microeconomics II	ECON2000	T3 T4 F8 F9	
ECON2003	Intermediate Macroeconomics II	ECON2002	W10 W11 F3 F4	
ECON2009	Statistical Methods II	ECON2008 or STAT2001 or SOCI2008	M11 M12	
ECON2010	Statistical Computing	ECON2009 or SOCI2008 or STAT2001	M9 M10	
ECON2016	Calculus for Social Sciences	ECON1004 or MATH1142	T8 W1	
ECON2024	International Economic Relations II	ECON1000	M9 M10	
<b>Level III</b>				
ECON3003	Game Theory	ECON2016 or MATH2431	T3 T4	
ECON3006	International Trade	ECON2002	M4 M5	
ECON3007	International Finance	ECON2002	T9 T10	
ECON3008	History of Economic Thought	ECON1012	T11 T12	
ECON3010	Finance and Development	ECON2002	M11 M12 W5 W6	
ECON3032	Statistical Estimation & Inference	ECON3031 or MATH2404	T10 T11	
ECON3040	Nonparametric Statistics	(ECON2016 or MATH2431), (ECON2009 or STAT3001)	W10 W11	
ECON3050	Applied Econometrics	(ECON2009 & ECON3049) or STAT3001	T8 T9	
ECON3072	Financial Markets	ECON2003	F2 F3	
ECON3073	Credit Analysis & Lending	ECON2002, ACCT2014	T6 R7	

## MATHEMATICS ELECTIVES

*For the purpose of selection, the following are considered as Mathematics Electives*

COURSE	PRE-REQUISITIES
MATH2407: Stochastic Modelling	MATH2404
MATH2420: Ordinary Differential Equations	(MATH1141, MATH1142, MATH1151 & MATH1152)
MATH2421: Fourier Series & Integral Transforms	(MATH1141, MATH1142, MATH1151 & MATH1152)
MATH2430: Linear Optimization	MATH1141 & MATH1152
MATH2431: Non-Linear Optimization	MATH1141 & MATH1142
MATH3401: Introduction to the Theory of Integration	MATH2401
MATH3402: A Course on Metric Space & Topology	MATH2401
MATH3403: Some Topics in Functional Analysis	MATH2401
MATH3404: Introduction to Differential Geometry with Computer Software	MATH2410 & MATH2403
MATH3411: Advanced Abstract Algebra	MATH2411
MATH3414: Selected Topics in Operations Research	MATH2404
MATH3421: Partial Differential Equations	MATH2420
MATH3422: Mathematical Modelling	MATH2401, MATH2410 & MATH2420
MATH3424: Numerical Methods	MATH2401
STAT2001: Inferential Statistics	STAT1001 or MATH2404
STAT3001: Regression Analysis	STAT2001 or MATH2410
STAT3002: Time Series	MATH2404 & STAT2001

## STATISTICS ELECTIVES

*For the purpose of section, the following are considered as Statistics Electives*

COURSE	PRE-REQUISITES
ECON3003: Game Theory	ECON2016 or MATH2431
ECON3037: Operations Research	ECON2015 or MATH2430
ECON3040: Non-Parametric Statistics	(ECON2016 or MATH2431), (ECON2009 or STAT3001)
ECON3049: Econometrics	(ECON2009 & ECON3031) or (STAT2001 or MATH2404) & (ECON2015 or MATH2410) (Anti-requisite: STAT3001)
ECON3050: Applied Econometrics	(ECON2009 & ECON3049) or STAT3001
SOCI3018: Demography I	SOCI2004
SOCI3021: Demography II	SOCI3018
STAT2001: Inferential Statistics	STAT1001 or MATH2404
STAT2002: Discrete Statistics	STAT1001 or MATH1142
STAT2003: Linear Models	STAT1001 or STAT2001
STAT2004: Multivariate Methods	STAT1001, MATH1141 & MATH2410
STAT3001: Regression Analysis	STAT2001 and MATH2410
STAT3002: Time Series	MATH2404 and STAT2001
STAT3003: Design & Analysis Experiments	STAT2001