Department of Economics

THE UNIVERSITY OF THE WEST INDIES
AT MONA, JAMAICA

A Quick Guide to Courses and Degrees

2026/2027

Semester 1 | Semester 2 | Electives

Economics | Banking & Finance | Math/Statistics

mona.uwi.edu/economics econ@uwimona.edu.jm Phone: 876.977.1188

Disclaimer: The handbook supersedes all information in this document.

1st Semester

Code	Title	Pre-requisites
LEVEL I		
ECON1000	Principles of Economics	CXC Math[1] or ECON0001 or GOVT0100
ECON1003	Mathematics for the Social Sciences I	CXC Math[1] or ECON0001 or GOVT0100
ECON1004	Mathematics for the Social Sciences II	ECON1003 or CAPE Math or (MATH0100 & MATH0110)
ECON1005	Introduction to Statistics	CXC Math[1] or ECON0001 or GOVT0100
ECON 1012	Principles of Economics II	ECON1000
LEVEL II		
ECON2000	Intermediate Microeconomics I	ECON1012 & (ECON1003 or ECON1004 or MATH1142) or (MATH0100 & MATH0110)
ECON2002	Intermediate Macroeconomics I	ECON1012 & (ECON1003 or ECON1004 or MATH1142) or (MATH0100 & MATH0110)
ECON2005	Social and Economic Accounting	ECON1000, ECON1012; ECON1005 & (ECON 1004 or MATH1142)
ECON2008	Statistical Methods I	ECON1005 & (ECON1004 or MATH1142)
ECON2014	Sampling Methods	ECON2008 or STAT2001 or SOCI2008
ECON2015	Matrix Algebra	ECON1003 or ECON1004 or MATH1142
ECON2020	Caribbean Economy	ECON1000
ECON2023	International Economic Relations I	ECON1000
ECON2025	Economics of Sport	ECON1012
LEVEL III		
ECON3005	Monetary Theory & Policy	ECON2000, ECON2002
ECON3011	Economics of Financial	ECON2002
ECON3016	Public Finance	ECON2000, ECON2001
ECON3031	Probability & Distribution Theory	ECON2008 or STAT2001
ECON3034	Environmental Economics	ECON1000
ECON3037	Operations Research	ECON2015 or MATH2430
ECON3049	Econometrics	(ECON2008 or ECON3031) or (MATH2404 & STAT2001) & (ECON2015 or MATH2410)
ECON3051	Development Economics	ECON2002

2nd Semester

Code	Title	Pre-requisites
LEVEL I		
ECON1000	Principles of Economics	CXC Math[1] or ECON0001 or GOVT0100
ECON1003	Mathematics for the Social Sciences I	CXC Math[1] or ECON0001 or GOVT0100
ECON1004	Mathematics for the Social Sciences II	ECON1003 or CAPE Math or (MATH0110 &
ECON1005	Introduction to Statistics	CXC Math[1] or ECON0001 or GOVT0100
ECON1012	Principles of Economics II	ECON1000
LEVEL II		
ECON2000	Intermediate Microeconomics I	ECON1012 & (ECON1003 or ECON1004 or MATH1142) or (MATH0100 & MATH0110)
ECON2001	Intermediate Microeconomics II	ECON2000
ECON2003	Intermediate Macroeconomics II	ECON2002
ECON2009	Statistical Methods II	ECON2008 or STAT2001
ECON2010	Statistical Computing	ECON2009 or STAT2001
ECON2016	Calculus for the Social Sciences	ECON1004 or MATH1142
ECON2024	International Economic Relations II	ECON1000
LEVEL III		
ECON3003	Game Theory	ECON2016 or MATH2431
ECON3006	International Trade	ECON2002
ECON3007	International Finance	ECON2002
ECON3008	History of Economic Thought	ECON1012
ECON3010	Finance and Development	ECON2002
ECON3017	Public Finance II	ECON3016 or ECON2001 & ECON2002
ECON3032	Statistical Estimation & Inference	ECON3031 or MATH2404
ECON3040	Nonparametric Statistics	(ECON2016 or MATH2431), (ECON2009 or STAT3001)
ECON3050	Applied Econometrics	(ECON2009 & ECON3049) or STAT3001
ECON3072	Financial Markets	ECON2003
ECON3073	Credit Analysis & Lending	ECON2002, ACCT2014
ECON3074	Urban & Regional Economics	ECON1000, ECON1012

Mathematics Electives

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

Title	Pre-requisites
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
STAT3002: Time Series	MATH2404 & STAT2001

Statistics Electives

For the purpose of selection, the following courses are considered as Statistics Electives

Title	Pre-requisites
ECON2005: Social and Economic Accounting	ECON1000, ECON1012; ECON1005 & (ECON 1004 or MATH1142)
ECON2016: Calculus for Social Sciences	ECON1004 or MATH1142
ECON3003: Game Theory	ECON2016 or MATH2431
ECON3037: Operations Research	ECON2015 or MATH2430
ECON3040: Nonparametric Statistics	(ECON2016 or MATH2431), (ECON2009 or STAT3001)
ECON3049: Econometrics	(ECON20098 & ECON3031) or (STAT2001or MATH2404) & (ECON2015 or MATH2410) (Anti-requisite:STAT3001)
ECON3050: Applied Econometrics	(ECON2009 & ECON3049) or STAT3001
SOCI3018: Demography I	SOCI2004
SOCI3021: Demography II	SOCI3018
STAT2002: Discrete Statistics	STAT1001 or MATH1142
STAT2003: Linear Models	STAT1001 or STAT2001
STAT2004: Multivariate Methods	STAT1001, MATH1141 & MATH2410
STAT3002: Time Series	MATH2404 & STAT2001
STAT3003: Design & Analysis Experiments	STAT2001

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 ***or***

FOUN1201: Science, Medicine and Technology

Level I Language Course

Two free electives from Level I

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 Economics electives

Plus 10 Level II/III Electives

NOTES:

Economics, Banking and Finance and Statistics majors/minors are not allowed to do **SOCI1005**. They must do **ECON1005**.

SOCI2008 and/or **SOCI2007** is not accepted as a prerequisite for any ECON course. Students must do **ECON2008** or **STAT2001** and/or **ECON2014**.

Students wishing to pursue MSc Economics are required to take and pass the following courses prior to beginning the MSc Economics programme:
- **ECON2016**: Calculus for Social Sciences
- **ECON3031**: Probability & Distribution Theory

Students are encouraged to take **ECON2016**: Calculus for Social Sciences and/or **ECON2010**: Statistical Computing and/or **ECON3050**: Applied Econometrics as electives.

FOUN1013 or **FOUN1019** must be completed in the first year of entry.

Students are highly encouraged to take **COMP1126** and **COMP1127** as one of their Level I free electives.

Students are **required** to take a Level I language course and one of **FOUN1101** or **FOUN1201**.

Economics Minor

LEVEL I

Students pursuing an Economics (Minor) must complete the Level I pre-requisites for the courses selected at Level II/III, namely: ECON1000 and ECON1012 plus either ECON1003 or ECON10047

LEVEL II & III (Minimum 15 credits)

ECON2000: Intermediate Microeconomics I

ECON2001: Intermediate Microeconomics II

ECON2002: Intermediate Macroeconomics I

ECON2003: Intermediate Macroeconomics II

One economics elective from Level II/III

NOTES:

Economics, Banking and Finance and Statistics majors/minors are not allowed to do **SOCI1005**. They must do **ECON1005** or **STAT1001**.

SOCI2008 and/or **SOCI2007** is not accepted as a prerequisite for any ECON course. Students must do **ECON2008** or **STAT2001** and/or **ECON2014**.

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

ECON3049: Econometrics

3 Level III Electives from Statistics

3 Level II/III Electives from Economics

2 Level II/III Electives from Economics/Statistics

NOTE:

Economics, Banking and Finance and Statistics majors/minors are not allowed to do **SOCI1005**. They must do **ECON1005** or **STAT1001**.

SOCI2008 and/or **SOCI2007** is not accepted as a prerequisite for any ECON course. Students must do **ECON2008** or **STAT2001** and/or **ECON2014**.

Students are encouraged to take **ECON2016**: Calculus for Social Sciences and/or **ECON3050**: Applied Econometrics as electives.

FOUN1013 or **FOUN1019** must be completed in the first year of entry.

Students are highly encouraged to take **COMP1126** and **COMP1127** as one of their Level I free electives.

Students are **required** to take a Level I language course and one of **FOUN1101** or **FOUN1201**.

Students wishing to pursue MSc Economics are required to take and pass **ECON2016: Calculus for Social Sciences** and **ECON3031: Probability & Distribution Theory** prior to beginning the MSc Economics programme.

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 ***or***

FOUN1201: Science, Medicine and Technology

Level I Language Course

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**

Plus 10 Level II/III Electives

NOTES:

Economics, Banking and Finance and Statistics majors/minors are **not allowed** to do **SOCI1005**. They must do **ECON1005** or **STAT1001**.

ACCT2014 is a pre-requisite for **ECON3073** therefore Banking and Finance students are encouraged to register for this course as a free elective.

Students pursuing a degree in Economics or Banking and Finance **MUST NOT** do **MGMT2020**: Managerial Economics.

FOUN1013 or **FOUN1019** must be completed in the first year of entry.

Students are **required** to take a Level I language course and one of **FOUN1101** or **FOUN1201**.

Students wishing to pursue MSc. Economics are required to take and pass the following courses prior to beginning the MSc. Economics programme:
ECON2016: Calculus for Social Sciences
ECON3031: Probability & Distribution Theory

Economics + Banking & Finance Double Major

LEVEL I

Same as Banking & Finance 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

ECON2015 Matrix Algebra

MGMT2004: Computer Applications

MGMT2068: Risk and Treasury Management

MGMT2023: Financial Management I

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

Three Level II/III Economics electives

Two Economics or MSBM electives from Level II/III

(Students are encouraged to do ECON2016: Calculus)

NOTES:

Economics, Banking and Finance and Statistics majors/minors are not allowed to do SOCI1005. They must do **ECON1005** or **STAT1001**.

SOCI2008 is not accepted as a prerequisite for any ECON course. Students must do **ECON2008** or **STAT2001**.

Students are encouraged to do **ECON2016**: Calculus for Social Sciences and/or **ECON2010**: Statistical Computing and/or **ECON3050**: Applied Econometrics as electives.

Students pursuing a degree in Economics or Banking and Finance MUST NOT do **MGMT2020**: Managerial Economics.

Students are highly encouraged to take **COMP1126** and **COMP1127** as one of their Level I free electives.

FOUN1013 or **FOUN1019** must be completed in the first year of entry.

Students are **required** to take a Level I language course and one of **FOUN1101** or **FOUN1201**.

Students wishing to pursue MSc. Economics are required to take and pass the following courses prior to beginning the MSc. Economics programme:
ECON2016: Calculus for Social Sciences
ECON3031: Probability & Distribution Theory

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 statistics electives from Level III

Plus 10 Level II/III Electives

NOTE:

Economics, Banking and Finance and Statistics majors/minors are not allowed to do **SOCI1005**. They must do **ECON1005** or **STAT1001**.

SOCI2008 and/or **SOCI2007** is not accepted as a prerequisite for any ECON course. Students must do **ECON2008** or **STAT2001** and/or **ECON2014**.

Students are encouraged to do **ECON2016**: Calculus for Social and/or **ECON3049**: Econometrics and/or **ECON3050**: Applied Econometrics as electives.

Students are highly encouraged to take **COMP1126** and **COMP1127** as one of their Level I free electives

FOUN1013 or **FOUN1019** must be completed in the first year of entry

Students are **required** to take a Level I language course and one of **FOUN1101** or **FOUN1201**.

Statistics Minor

LEVEL II & III (Minimum 15 credits)

ECON2008: Statistical Methods I

ECON2009: Statistical Methods II

ECON2014: Sampling Methods

Two Statistics electives from Level II/III

NOTE:

Economics, Banking and Finance and Statistics majors/minors are **not allowed** to do **SOCI1005**. They must do **ECON1005** or **STAT1001**

SOCI2008 and/or SOCI2007 is **not accepted** as a prerequisite for any ECON course. Students must do **ECON2008** or **STAT2001** and/or **ECON2014**

Economics + Mathematics Double Major

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 ***or***

FOUN1201: Science, Medicine and Technology

Level I Language Course

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 Economics electives from Level II/III

Two Economics electives from Level III

Three Mathematics electives

NOTE:

Mathematics students who choose this double major should select courses from the MATHEMATICS AND ECONOMICS option offered by the Mathematics Department

Students must take **ECON3049** as required for Economics major. **STAT3001** is NOT accepted as a substitute

Students are encouraged to do **ECON2010**: Statistical Computing and/or **ECON3050**: Applied Econometrics as electives

FOUN1013 or **FOUN1019** must be completed in the first year of entry

Students are **required** to take a Level I language course and one of **FOUN1101** or **FOUN1201**.

Students wishing to pursue MSc Economics are encouraged to do the following:
ECON3050: Applied Econometrics

Economics (Major) with Mathematics (Minor)

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 Economics electives from Level II/III

Two Economics electives from Level III

Two Mathematics Level II/III electives

NOTE:

Students are highly encouraged to take **COMP1126** and **COMP1127** as one of their Level I free electives.

Students are encouraged to do **ECON2010**: Statistical Computing and/or **ECON3050**: Applied Econometrics as electives

Students must take **ECON3049** as required for Economics major. **STAT3001** is NOT accepted as a substitute

FOUN1013 or **FOUN1019** must be completed in the first year of entry

Students are **required** to take a Level I language course and one of **FOUN1101** or **FOUN1201**.

Students wishing to pursue MSc. Economics are required to take and pass the following courses prior to beginning the MSc. Economics programme: **ECON2016**: Calculus for Social Sciences and **ECON3031**: Probability & Distribution Theory

GRADING SCHEME

GRADE POINT	GPA	PERCENTAGE	DEFINITION
A+	4.3	90-100	Exceptional
A	4.0	80-89	Outstanding
A-	3.7	75-79	Excellent
B+	3.3	70-74	Very Good
B	3.0	65-69	Good
B-	2.7	60-64	Satisfactory
C+	2.3	55-59	Fair
C	2.0	50-54	Acceptable
F1	1.7	40-49	Unsatisfactory
F2	1.3	30-39	Weak
F3	0.0	0-29	Poor

If you have a GPA below 2, you will be asked to withdraw from the UWI