

**PRE-REQUISITES 2019/2020
CONT'D**

COURSE CODE	COURSE NAME	PRE-REQUISITE
ECON 3035	Economic Forecasting	ECON 1001, at least 21 additional credits from their program
ECON 3037	Operations Research I	ECON 1003
ECON 3038	Operations Research II	ECON 1003, ECON 1005
ECON 3049	Econometrics I	ECON 1004, ECON 2025, ECON 2026
ECON 3050	Econometrics II	ECON 3049
ECON 3051	Development Economics	ECON 2000, ECON 2002
ECON 3057	Health Economics Theory & Policy	ECON 1001
ECON 3070	Economics of Technological Change	ECON 1001 OR ECON 1002
ECON 3075	Advanced Financial Economics	Nil
ECON 3090	Independent Study for Economists	ECON 2025, ECON 2026, ECON 2029
FINA 3001	Caribbean Business Environment	Nil
FINA 3005	Bank Financial Management	Nil
FINA 3008	Advanced Portfolio Management	FINA 2004
FINA 3010	Supervised Research Project	Nil

ACADEMIC ADVISORS

Each student is assigned to an Academic Advisor from the list below:

BSc Economics

Level	Name of Lecturer
Level 1	Mr. Anderson Elcock
Level 2	Dr. Mahalia Jackman
Level 3	Dr. Troy Lorde

BSc Banking & Finance

Level	Name of Lecturer
Level 1	Mr. Jeremy Stephen
Level 2	Ms. Tracey Broome
Level 3	Mr. Anthony Wood

MEMBERS OF STAFF

Administrative Staff

Name	Telephone	Email
Dr. Troy Lorde Head of Department	417-4277	troy.lorde@cavehill.uwi.edu
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Academic Staff

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**THE UNIVERSITY OF THE WEST INDIES
CAVE HILL CAMPUS
DEPARTMENT OF ECONOMICS**

**BSc. ECONOMICS WITH MATHEMATICS
2019/2020**

**Head of Department:
Dr. Troy Lorde**

**Email: economics@cavehill.uwi.edu
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Fax: 438-9104**

**DEPARTMENT OF ECONOMICS
PROGRAMMES OFFERED - 2019/2020**

Specials/ Major/Specialisations

- BSc Economics (Special)
- BSc Banking and Finance
- BSc Economics (Major)
- BSc Economics (Specialisation in Development Economics)
- BSc Economics (Specialisation in International Economics)
- BSc Economics (Specialisation in Planning and Policy)
- BSc Economics (Specialisation in Quantitative Economics)

Joint Majors

- BSc Economics and Accounting
- BSc Economics and Finance
- BSc Economics and History
- BSc Economics and Law
- BSc Economics and Management
- BSc Economics and Mathematics
- ◆ BSc Economics and Management (Marketing)
- ◆ BSc Economics and Political Science

Major/Minor Options

- BSc Economics with Accounting
- BSc Economics with History
- BSc Economics with Law
- BSc Economics with Management
- BSc Economics with Mathematics
- BSc Economics with Political Science
- BSc Economics with Public Sector Management

IMPORTANT NOTES

- Students can only register for ECON 1003 – Maths for Social Sciences I and ECON 1005 - Introduction to Statistics if they have a passing grade in the Faculty's Mathematics Proficiency Test or ECON 0101 – Preliminary Mathematics for Social Sciences. Students who possess one of the following within the last five (5) years are exempt from taking the test: **Grades 1 to 4 in ALL CAPE Mathematics Units 1 or 2, Grades A,B or C in Cambridge 'A' Level Mathematics, Grade 1 or 2 in CSEC General Proficiency Mathematics, Grades 1 or 2 in CSEC Additional Mathematics, Grades 9, 8, 7 or 6 in GSCE Mathematics under the new grading scheme (A or B under the old grading scheme), Grade B or above in CORE 103 – Practical Mathematics from the Barbados Community College, Pass the Faculty of Social Sciences' Mathematics Proficiency Test, A passing grade in the Faculty's Preliminary Mathematics for Social Sciences course.**
- ECON 1003 is a pre-requisite for ECON 1004 - Maths for Social Sciences II. Students holding qualifications in CAPE Pure Mathematics (Units 1&2), CAPE Applied Mathematics (Units 1&2), or a BCC Associate Degree in the relevant discipline with a GPA of 2.75 or above can register for ECON 1004 without taking the pre-requisite.
- Full– Time students will normally be required to register for not more than five and not less than four courses per semester. Part-Time students will normally be required to register for not more than three and not less than two courses per semester.
- Students taking ECON 2000- Intermediate Microeconomics and ECON 2001– Intermediate Microeconomics II should not register for MGMT 2020 - Managerial Economics.

ECONOMICS WITH MATHEMATICS

LEVEL 1 (Minimum 30 Credits)			SEMESTER
1	ECON 1001	Introduction to Microeconomics	One/Two
2	ECON 1002	Introduction to Macroeconomics	Two
3	MATH 1152	Sets and Number Systems	One/Two
4	MGMT 1000	Introduction to Computers	One/Two
5	MATH 1141	Introductory Linear Algebra & Analytical Geometry	Two
6	MATH 1190	Calculus A	One
7	MATH 1195	Calculus B	One
8	MATH 1230	Introduction to Applied Statistics	Two
9	MATH 1235	Python Programming & Mathematical Software	One/Two
10	FOUN 1006 OR FOUN 1008	Exposition for Academic Purposes OR An Introduction to Professional Writing	One/Two
11	FOUN 1101 OR FOUN 1210	Caribbean Civilization OR Science, Medicine and Technology in the Society OR Foreign Language Option	One/Two
LEVEL 2/3 (Minimum 60 Credits)			SEMESTER
12	ECON 2000	Intermediate Microeconomics I	One
13	ECON 2001	Intermediate Microeconomics II	Two
14	ECON 2002	Intermediate Macroeconomics I	One
15	ECON 2003	Intermediate Macroeconomics II	Two
16	ECON 2025	Statistical Methods I	One
17	ECON 2026	Statistical Methods II	Two
18	ECON 2029	Research Methods for Economists	One
19	MATH 2304	Multivariable Calculus	Two
20	MATH 2310	Abstract Algebra I	Two
21	MATH 2315	Linear Algebra I	Two
22	MATH 2321	Real Analysis	Two
23	MATH 2305	Differential Equations	One
24	ECON 3008	History of Economic Thought	Two
25	ECON 3049	Econometrics I	One
26	One level II/III approved course from the Department of Economics.		
27-31	Five (5) additional approved Level II/III courses to be taken as outlined below. <ul style="list-style-type: none"> • One MUST be taken from the Department of Computer Science, Maths and Physics. • Two MUST be taken from Faculty of Social Sciences. • Two other level II/III approved courses. 		

PRE-REQUISITES 2019/2020

COURSE CODE	COURSE NAME	PRE-REQUISITE
ECON 0101	Preliminary Mathematics for Social Science	SEE IMPORTANT NOTES
ECON 1001	Introduction to Microeconomics	Nil
ECON 1002	Introduction to Macroeconomics	Nil
ECON 1003	Maths for Social Sciences I	IMPORTANT NOTES
ECON 1004	Maths for Social Sciences II	ECON 1003/CAPE PURE MATHS
ECON 1005	Introduction to Statistics	SEE IMPORTANT NOTES
FINA 1001	Elements of Banking and Finance	Nil
ECON 2000	Intermediate Microeconomics I	ECON 1001
ECON 2001	Intermediate Microeconomics II	ECON 2000
ECON 2002	Intermediate Macroeconomics I	ECON 1001, ECON 1002
ECON 2003	Intermediate Macroeconomics II	ECON 1001, ECON 1002
ECON 2004	Public Policy Analysis	ECON 1001
ECON 2016	Mathematics for Economics III	ECON 1004
ECON 2022	International Business Environment	ECON 1001, ECON 1002
ECON 2025	Statistical Methods I	ECON 1004, ECON 1005
ECON 2026	Statistical Methods II	ECON 1004, ECON 1005
ECON 2029	Research Methods for Economists	ECON 1001, ECON 1002, ECON 1005
FINA 2001	Regulatory Environment for Banking & Finance	Nil
FINA 2002	Quantitative Methods for Banking & Finance	Nil
FINA 2003	Information Technology for Banking & Finance	Nil
FINA 2004	Portfolio Management	Nil
FINA 2005	Risk Analysis Management	Nil
ECON 3001	Industrial Economics	ECON 1001, ECON 1004
ECON 3006	International Trade Policy	ECON 2000, ECON 2001
ECON 3007	International Finance	ECON 2000, ECON 2002
ECON 3008	History of Economic Thought	Nil
ECON 3010	Finance and Development	ECON 2000, ECON 2002
ECON 3011	Economics of Financial Institutions	ECON 2000, ECON 2002
ECON 3016	Public Finance I	ECON 1001, ECON 1002
ECON 3017	Public Finance II	ECON 1001, ECON 1002
ECON 3019	Transport Economics & Management	ECON 1001, ECON 1003 OR ECON 1004
ECON 3027	Economic Planning	ECON 2000, ECON 2002
ECON 3029	Labour Economics	ECON 1001 OR ECON 1002
ECON 3034	Resource Environmental Economics	ECON 1001, ECON 1002

PRE-REQUISITES 2019/2020 CONT'D OVERLEAF