

GENERAL COURSE INFORMATION 2023

Economic 3 Coordinators:

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1. GENERAL

Economics 3 major

The Economics 3 major comprises **FOUR** modules (papers), **TWO** in Semester 1 and **TWO** in Semester 2.

Students doing an Economics 3 major in a BCom, BA, BSocSci, BSc will therefore register for FOUR papers over the course of the year, two per semester.

An aggregated credit (ACR) may be awarded for Economics 3 provided that:

- i. All modules are written within the same year (*no aggregation across years*)
- ii. the average obtained over the four modules is 50% or higher;
- iii. no more than *two* modules failed with a mark between 45% and 49% **OR**
up to *one* module failed with a mark between 40% and 44%.

No aggregation will be allowed for Economics 3, which involves *any* module mark below 40%.

Economics 3B

Students doing **BEcon (Business Science or Social Science themes) and the Economics stream of BBS** will do Economics 3B *and* Economics 3 major. Economics 3B is a separate single-credit course.

Economics 3B comprises one module (paper) in Semester 1, and one module (paper) in Semester 2. Economics 3B will thus be the average of the two papers taken, one per semester.

Students doing BEcon (Business Science or Social Science themes) and the economics stream of BBS will therefore register for Economics 3 AND Economics 3B and must therefore register for SIX papers over the course of the year, three per semester.

An aggregated credit (ACR) may be awarded for Economics 3B provided that:

- i. All modules are written within the same year (no aggregation across years)
- ii. the average obtained over the two modules is 50% or higher;
- iii. one module failed with a mark between 45% and 49%.

No aggregation for Economics 3B will normally be allowed involving *any* module mark below 45%.

DP Requirements

Economics 3 and Economics 3B

For each module, the requirements are as follows:

- i Students may miss a maximum of one (1) tutorial per semester, per course, without a LOA. A valid LOA must support the further absence. Please note that physical presence in a tutorial does not constitute attendance, there must be evidence of preparation and participation.
- ii **All** tutorial exercises, tests and assignments must be typed and submitted online (unless stated otherwise by the course lecturer) on time. In the case of in-person tests, the tests will be handwritten and submitted to the invigilator in the test venue. **NOTE: Missing a tutorial, will not exempt a student from submitting the tutorial exercise for that tut. In addition, a leave of absence will not exempt a student from handing in an essay or assignment.** Extensions may, however, be granted.
- iii A class record of at least 35% must be obtained to qualify for the examination.

Note that individual courses may have additional requirements. These will be indicated in the course outline for each module.

Supplementary examinations

Supplementary exams may be awarded for individual modules within Economics 3 and/or 3B provided a mark of between 45% and 49% is obtained in the course in question. Students will only re-write the paper(s) that meet the University's supplementary examination criterion.

Paper choices for Semester 1

The papers on offer in Semester 1 are as follows:

- ECO312 International Trade Theory and Policy**
- ECO315 Econometrics**
- ECO317 Environmental Economics**
- ECO318 Mathematical Economics**

Students registered for **BCom, BA, BSocSci, BSc** are required to choose **2 out of 4** modules in Semester 1 for the Economics major (Economics 3).

Students registered for **Bachelor of Economics (Business Science or Social Science themes) or the economics curriculum in the Bachelor of Business Science** are required to choose **3 out of 4** options in Semester 1 (Economics 3 and Economics 3B).

It is recommended that students take up to two courses in the first semester unless they are doing a Bachelor of Economics or the economics curriculum in the Bachelor of Business Science. Under no circumstances may a student take four (4) courses in a single semester.

Paper choices for Semester 2

The papers on offer in Semester 2 are as follows:

- ECO313 Public Finance**
- ECO314 South African Economy**
- ECO316 Money, Banking and International Finance**

Students registered for Economics 3 in Semester 2 are required to choose **2 out of 3** options.

Students registered for the Bachelor of Economics or the economics curriculum in the Bachelor of Business Science (Economics 3 and Economics 3B) must do **all 3** courses in Semester 2.

It is recommended that students take up to two courses in the second semester unless they are doing a Bachelor of Economics or the economics curriculum in the Bachelor of Business Science.

Following your curriculum approval and selection of Economics three (3) courses, please check and ensure you are enrolled on each respective 2023 Economics 3 first semester course RuConnected page by 17 February 2023.

Please also ensure you are enrolled on the Eco3general2023 RuConnected page. The welcome videos per course, tutorial registration form, tutorial group allocations and all Economics 3 general information will be provided on this page. **All Economics 3 students are required to be enrolled on this site.**

2. LECTURES TIMES AND VENUES

NOTE: There are **THREE LECTURES per module (i.e. per paper)** per week.

If covid-19 restrictions are reinstated, lectures will be administered either through online remote learning OR face-to-face lectures.

For online remote learning, Economics 3 lectures will be recorded and posted on the **RUCONNECTED** course pages for each module. Please ensure you are enrolled on the respective RuConnected course pages.

For face-to-face lectures - If your other major is Law, Geography, Computer Science, Psychology/Org Psych, or Maths: some modules clash, so lectures are duplicated for Econometrics and International Trade in semester 1 and Money and Banking and Public Finance in semester 2. There is a **Group A and B** for these courses. **Please select the most appropriate group and stick to it throughout the semester.**

Lecture venues

Semester 1

ECO312 International Trade Theory and Policy (both groups): **Arts Major**

ECO315 Econometrics: **Group A: Arts Major**

ECO315 Econometrics: **Group B: Arts Major**

ECO317 Environmental Economics: **Economics A**

ECO318 Mathematical Economics: **Economics A**

Semester 2

ECO313 Public Finance: **Group A: Economics A**

ECO313 Public Finance: **Group B: Arts Major**

ECO314 South African Economy: **Arts Major**

ECO316 Money, Banking and International Finance (both groups): **Arts Major**

Note: The same lecturer takes group B lectures as Group A. Students should therefore choose a group to attend and stick to it.

Semester 1

Note that the lectures in ECO312 (International Trade Theory and Policy) and ECO315 (Econometrics) will be duplicated when there is face-to-face learning, as indicated on the university timetable, in order to alleviate timetable clashes with various other major subjects. Students doing ECO312 and/or ECO315 must choose to attend **EITHER** Group A lectures **OR** Group B lectures when face-to-face learning resumes.

Department of Economics and Economic History Economics 3 Timetable: Semester 1 – 2023

		Monday	Tuesday	Wednesday	Thursday	Friday
1	07h45 – 08h30				ECO315 Econometrics Arts Major - Group B	ECO 312 International Trade Arts Major - Group A OR ECO 318 Maths Ecos Economics A
2	08h40 – 09h25	ECO315 Econometrics Arts Major - Group A				ECO 312 International Trade Arts Major - Group B OR ECO 317 Environ Econ Economics A
3	09h35 – 10h20	ECO315 Econometrics Arts Major - Group B	ECO315 Econometrics Arts Major - Group A			
4	10h30 – 11h15		ECO315 Econometrics Arts Major - Group B	ECO315 Econometrics Arts Major - Group A		
5	11h25 – 12h10			ECO 312 International Trade Arts Major - Group B OR ECO 317 Environ Econ Economics A	ECO 312 International Trade Arts Major - Group A OR ECO 318 Maths Ecos Economics A	
6	12h20 – 13h05			ECO 312 International Trade Arts Major - Group B OR ECO 317 Environ Econ Economics A	ECO 312 International Trade Arts Major - Group A OR ECO 318 Maths Ecos Economics A	

IMPORTANT NOTE: There are **THREE lectures per paper per week**. Since face-to-face teaching resumed, students taking ECO315 Econometrics and/or ECO312 International Trade should attend *either* Group A *OR* Group B. Do **NOT** shift around.

Students doing BCom, BA, BSocSc, BSc, etc take two papers per semester (four papers in total = Economics 3 Major)

Students doing BEcon and BBS economics stream take three papers per semester (six papers in total = Economics 3 Major & Economics 3B)

Semester 2

ECO313 (Public Finance) and ECO316 (Money, Banking and International Finance) lectures will be duplicated in Semester 2 when face-to-face learning occurs. Students doing ECO313 and/or ECO316 must choose to attend **EITHER** Group A lectures **OR** Group B lectures when face-to-face learning resumes.

Department of Economics and Economic History Economics 3 Timetable: Semester 2 – 2023

		Monday	Tuesday	Wednesday	Thursday	Friday
1	07h45 – 08h30				ECO316 Money, Banking & Int Finance (Arts Major) – Group B	ECO313 Public Finance (Economics A) – Group A OR ECO314 SA Economy (Arts Major)
2	08h40 – 09h25	ECO316 Money, Banking & Int Finance (Arts Major) – Group A				ECO313 Public Finance (Arts Major) – Group B
3	09h35 – 10h20	ECO316 Money, Banking & Int Finance (Arts Major) – Group B	ECO316 Money, Banking & Int Finance (Arts Major) – Group A			
4	10h30 – 11h15		ECO316 Money, Banking & Int Finance (Arts Major) – Group B	ECO316 Money, Banking & Int Finance (Arts Major) – Group A		
5	11h25 – 12h10	ECO 314 TUTORS’ MEETING (BOARDROOM)		ECO313 Public Finance (Arts Major) – Group B	ECO313 Public Finance (Economics A) – Group A OR ECO314 SA Economy (Arts Major)	
6	12h20 – 13h05	ECO 313 / ECO 316 TUTORS’ MEETING (BOARDROOM)		ECO313 Public Finance (Arts Major) – Group B	ECO313 Public Finance (Economic A) – Group A OR ECO314 SA Economy (Arts Major)	

IMPORTANT NOTE: There are **THREE lectures per paper per week**. Since face-to-face teaching resumed, students taking **ECO316 Money, Banking & International Finance** and/or **ECO313 Public Finance** should attend *either* Group A **OR** Group B. Do **NOT** shift around.

Students doing BCom, BA, BSocSc, BSc, etc take two papers per semester (four papers in total = Economics 3 Major)

Students doing BEcon and BBS economics stream take three papers per semester (six papers in total = Economics 3 Major & Economics 3B)

3. TUTORIALS

A tutorial registration in the form of a google document will be provided for students on the Eco3general2023 RuConnected page. Please complete it as accurately as is possible and submit online. **ALL ECONOMICS 3 STUDENTS must submit this, accurately indicating their courses and timetable for Semester 1 by Friday 17 February 2023.** This form will be used to make tutorial allocations so please ensure it is accurate and includes all your timetable information.

NB: Ensure that you are properly registered academically. Any documents completed for the department are not for academic registration but for the Department's information for tutorial allocation, class marks etc.

TUTORIAL DATES

TUTORIAL DATES: ECO315 ECONOMETRICS

Tutorials for Econometrics (ECO315) are held every Wednesday in person as follows:

Wed 01 March	ECONOMETRICS
Wed 08 March	ECONOMETRICS
Wed 15 March	ECONOMETRICS
Wed 22 March	ECONOMETRICS
Wednesday 29	March Vacation
Wed 05 April	ECONOMETRICS
Wed 12 April	ECONOMETRICS
Wed 19 April	ECONOMETRICS
Wed 26 April	ECONOMETRICS
Wed 03 May	ECONOMETRICS
Wed 10 May	ECONOMETRICS
Wed 17 May	ECONOMETRICS

TUTORIAL DATES: ECO312 INTERNATIONAL TRADE THEORY & POLICY

Tutorials for ECO312 are held every THURSDAY, alternating between online and in-person as follows:

Thurs 02 March	ONLINE TUTORIAL
Thurs 09 March	INTERNATIONAL TRADE THEORY AND POLICY
Thurs 16 March	ONLINE TUTORIAL
Thurs 23 March	INTERNATIONAL TRADE THEORY AND POLICY
Thursday 30	March Vacation
Thurs 06 April	ONLINE TUTORIAL
Thurs 13 April	INTERNATIONAL TRADE THEORY AND POLICY
Thurs 20 April	ONLINE TUTORIAL
Thursday 27	April Freedom day
Thurs 04 May	INTERNATIONAL TRADE THEORY AND POLICY
Thurs 11 May	ONLINE TUTORIAL
Thurs 18 May	INTERNATIONAL TRADE THEORY AND POLICY

TUTORIAL DATES: ECO317 ENVIRONMENTAL ECONOMICS

Tutorials for ECO317 are held every **fortnight on a THURSDAYS** as follows:

Thurs 02 March	ENVIRONMENTAL ECONOMICS
Thurs 16 March	ENVIRONMENTAL ECONOMICS
Thursday	30 March Vacation
Thurs 06 April	ENVIRONMENTAL ECONOMICS
Thurs 20 April	ENVIRONMENTAL ECONOMICS
Thursday	27 April Freedom day
Thurs 11 May	ENVIRONMENTAL ECONOMICS

TUTORIAL DATES: ECO318 MATHS ECOS

Tutorials for Maths Ecos (ECO318) are held **every Friday** as follows:

Fri 24 Feb	MATHS ECOS
Fri 03 Mar	MATHS ECOS
Fri 10 Mar	MATHS ECOS
Fri 07 Mar	MATHS ECOS
Fri 24 Mar	MATHS ECOS
Friday	31 March Vacation
Fri 07 Apr	MATHS ECOS
Fri 14 Apr	MATHS ECOS
Fri 21 Apr	MATHS ECOS
Fri 28 Apr	MATHS ECOS
Fri 05 May	MATHS ECOS
Fri 12 May	MATHS ECOS
Fri 19 May	MATHS ECOS

4. ECONOMICS 3 TEST DATES 2023

SEMESTER 1		DATES & TIME TO BE ANNOUNCED
ECO 312: International Trade	TEST 1	22 March (Wednesday)
	TEST 2	26 April (Wednesday)
ECO 315: Econometrics	TEST 1	06 March (Monday)
	TEST 2	08 May (Monday)
ECO 317: Environmental Economics	TEST 1	12 April (Wednesday)
ECO 318: Mathematical Economics	TEST 1	09 March (Thursday)
	TEST 2	19 May (Thursday)
SEMESTER 2		
ECO 313: Public Finance	TEST 1	17 August (Thursday)
	TEST 2	2 October (Monday)
ECO 314: SA Economy	TEST 1	31 August (Thursday)
ECO 316: Money, banking & finance	TEST 1	14 August (Monday)
	TEST 2	20 September (Wednesday)

Report clashes to the departmental administrator by the first Friday of the semester

ABOUT THE 3RD YEAR COURSES

ECO312 – International Trade Theory and Policy

The aim of ECO312 is to provide an introduction to the theoretical, policy-making and applied aspects of international economics. On completion of ECO312, students should be able to distinguish between the classical, neoclassical and new/alternative theories of international trade; distinguish the basis, sources of gains from and distributional consequences of trade; discuss the empirical validity of these theories with reference to appropriate empirical examples; understand the reasons for and effects of trade restrictions; understand the instruments of trade policy available for intervention in the free flow of international trade, including their strengths, weaknesses and implications for welfare; consider the implications of trade policy, particularly in the developing country context; outline the historical path which trade policy in South Africa has followed, and analyse the current debate on trade policy in the light of the theory and the institutional arrangements governing multilateral trade relations in the world economy; explain why it is important that trade and industrial policies complement each other; extract and work with trade data.

ECO313 - Public Finance

Public Finance addresses the role of government in the economy. It focuses on the impact of government revenue and expenditure decisions on the economy. The sources of revenue, as well as the factors influencing public expenditures, also constitute a substantial component of public sector economics. Fundamental aspects that we will address in this course include (but are not limited to) equity and social welfare, public goods and externalities, public expenditure theories and policy, public choice theories, a bit of economics of education, taxation, poverty and fiscal incidence in relation to social service delivery.

ECO314 – South African Economy

The course offers an overview of the economic policy challenges facing the South African economy. Policy evolution since 1994 is studied against the backdrop of the economic legacy of apartheid. Specific challenges facing individual sectors of the economy are also examined so as to gain an understanding of the causes of their growth and decline as appropriate.

The purpose of the course is to provide students with the perspective necessary for an effective understanding of the current circumstances influencing economic policy decision-making in South Africa and the ongoing debate about the appropriateness of such policies and what alternatives are available – especially in the post-Covid19 world.

ECO315 – Econometrics

Econometrics applies statistical techniques to economic data to empirically test the relationships suggested by economic theory and to forecast future trends. The course covers the following areas: Revision of statistics theory; Methodology of econometrics; Two-variable regression: Estimation and hypothesis testing; Ordinary Least Squares (OLS); Gauss-Markov theorem; Functional forms; Multiple regression: Estimation and hypothesis testing; Dummy variables; Multicollinearity; Heteroscedasticity; Autocorrelation; Time Series Econometrics.

ECO316 – Money, Banking and International Finance

The course is focused on money, its creation, its role in the economy and monetary policy. Students will be exposed to an alternative to the classical view on how money is created, and the special role of banks in the monetary system; this leads to an up-to-date treatment of how monetary policy is conducted with a focus on the SA environment. The material is then expanded by examining interest rate determination and how interest rates are affected by such matters as risk and the time to maturity of loan agreements. The course concludes with the introduction of foreign capital flows, their determinants and their effects on local financial markets.

ECO317 – Environmental Economics

Environmental Economics is a sub-discipline of Economics, which allows students to integrate understanding of economic principles with other disciplines (Ecology, Geography, Law, Politics etc.) and to apply economic knowledge to real life environmental and natural resource management challenges. Based on micro- and macroeconomic theory, Environmental and Natural Resource Economics studies how humans interact with the natural environment, and the costs and benefits of such interactions. Having identified a challenge, such as a resource scarcity, or a pollution externality, the course explores how to use economic theory to determine efficient and fair allocations, and design policies that provide incentives to use resources sustainably.

ECO318 – Mathematical Economics

The course is designed to equip students with the necessary mathematical techniques to easily solved complicated economic problems. The course allows students with an affinity for numbers and a love for Economics to finally combine the two to produce a powerful tool. The procedures involved will allow students to understand these problems at a quantitative level and not only the qualitative aspect. The course will be divided into three sections: Differential Calculus, Linear Algebra and Economic Applications. Differential Calculus will be visited first as these techniques are essential for Linear Algebra. There is no prerequisite for the course but it would be beneficial to have a strong Mathematical background.

ECONOMICS III: BOOKLIST 2023

ENVIRONMENTAL ECONOMICS ECO317 [S1]

LEWIS, L. and TIETENBERG, T. (2020). Environmental Economics and Policy (Seventh Edition). Routledge. ISBN: 978-1-138-58759-5 (paperback).

INTERNATIONAL TRADE THEORY & POLICY ECO312 [S1]

Appleyard D.R., Field, A.J., and Cobb, S.L. (9th edition) International Economics 9781259251368. (or the latest version)

ECONOMETRICS ECO315 [S1]

WOOLRIDGE, J. 2019. Introductory Econometrics: A Modern Approach. (7e). Cengage, London.

MATHEMATICAL ECONOMICS ECO318 [S1]

DOWNING, E. 2011. Schaum's outline series: Introduction to Mathematical Economics (3e). McGraw-Hill, ISBN 9780071762519 (or the latest edition).

MONEY, BANKING & INTERNATIONAL FINANCE ECO316 [S2]

MISHKIN, F. S. 2022. The Economics of Money, Banking and Financial Markets (13th Ed). Pearson Education: Global Edition. ISBN-13:9780136894353 (or the latest version)

PUBLIC FINANCE ECO313 [S2]

BLACK, CALITZ, STEENEKAMP & ASSOCIATES. Public Economics for South African Students. (6th edition). Oxford University Press. (or the latest version)

SOUTH AFRICAN ECONOMY ECO314 [S2]

No book will be ordered in 2023.