

# University of Pretoria Yearbook 2016

## BSocSci Option: Philosophy, Politics and Economics (01130051)

**Duration of study** 3 years

**Total credits** 438

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### Programme information

The purpose of this programme is to provide students with an in-depth knowledge and analytical understanding of contemporary political and economic issues. All three disciplines – political science, philosophy, and economics – focus on the social world and social phenomena, each from a different perspective. Economics focuses on the production of goods (why, how, and what is produced) and the consequences of such production to society (who benefits). Political Science focuses on political processes and governance issues such as decision-making. Philosophy equips students with analytical reasoning skills necessary to understand and solve complex moral problems related to economic and political decision-making. The result of combining these perspectives is that students are equipped with an understanding of the moral issues influencing human agency in economic and political contexts. A PPE qualification is an internationally recognised ‘brand’, respected for its rigorous training, that immediately gives students entrance into a variety of careers related to economic or political policy making, from journalism to diplomatic service. This qualification will enable students, once they are employed in the public or private sector, to respond in a sensitive, rational, and innovative manner to moral problems and challenges within their politico-economic context.

### Admission requirements

- Candidates who achieved an APS of 30 in Grade 11 and comply with the minimum subject requirements and achievement levels of these study programmes will automatically be granted placement in the study programmes, subject to the availability of space. The above-mentioned is not applicable to selection programmes.
- To retain admission, learners will be expected to obtain an APS of at least 28 in Grade 12. Prospective students who have already been granted provisional admission in these study programmes, but obtained at least an APS of 27 in Grade 12, will be considered by the Admission Committee should space be available. The Admission Committee of the Faculty of Humanities will consider these students once the results of the National Benchmark Test (NBT) are available and depending on the availability of space.
- The Faculty will assess satisfactory performance in the NBT in the light of its commitment to ensure that an appropriate proportion of the applicants will be drawn from the historically disadvantaged category of the population.
- Applicants with an APS of 30 but who do not comply with the subject requirements must write the NBT.
- Life Orientation is excluded when calculating the APS.



| Minimum requirements for 2016 |        |          |         |             |        |          |         |     |
|-------------------------------|--------|----------|---------|-------------|--------|----------|---------|-----|
| Achievement Level             |        |          |         |             |        |          |         | APS |
| Afrikaans or English          |        |          |         | Mathematics |        |          |         |     |
| NSC/IEB                       | HIGCSE | AS-Level | A-Level | NSC/IEB     | HIGCSE | AS-Level | A-Level |     |
| 5                             | 3      | C        | C       | 5           | 3      | c        | c       | 32  |

## Program outline

## Other programme-specific information

- Elective modules: Yr-level 1: Select any two semester modules (one per semester) from the same discipline on yr-level 1 to the credit value of at least 20 credits (if selected from Economic and Management Sciences) or 24 credits (if selected from Humanities).
- The ALL modules are excluded due to the high AP Score (32) required.
- Students who consider doing an honours degree in Economics should consult the student administration of EMS to determine which additional modules they should include in their study programme in order to meet the entry requirements for BComHons in Economics.
- Students who wish to continue with an honours degree in Economics should have completed STK 210, STK 220 in addition to completing EKN 310 and EKN 320.
- Students should choose ONE of the following two sequences of Economics modules: EKN 214/234 or EKN 224/244.

# Curriculum: Year 1

Minimum credits: 122

## Fundamental modules

### Academic information management 101 (AIM 101)

**Module credits** 6.00

**Service modules**

Faculty of Engineering, Built Environment and Information Technology  
Faculty of Education  
Faculty of Economic and Management Sciences  
Faculty of Humanities  
Faculty of Law  
Faculty of Health Sciences  
Faculty of Natural and Agricultural Sciences  
Faculty of Theology  
Faculty of Veterinary Science

**Prerequisites** No prerequisites.

**Contact time** 2 lectures per week

**Language of tuition** Both Afr and Eng

**Academic organisation** Information Science

**Period of presentation** Semester 1

**Module content**

Find, evaluate, process, manage and present information resources for academic purposes using appropriate technology. Apply effective search strategies in different technological environments. Demonstrate the ethical and fair use of information resources. Integrate 21st-century communications into the management of academic information.

### Academic information management 111 (AIM 111)

**Module credits** 4.00

**Service modules**

Faculty of Engineering, Built Environment and Information Technology  
Faculty of Education  
Faculty of Economic and Management Sciences  
Faculty of Humanities  
Faculty of Law  
Faculty of Health Sciences  
Faculty of Natural and Agricultural Sciences  
Faculty of Theology

**Prerequisites** No prerequisites.

**Contact time** MAMELODI, 2 lectures per week

**Language of tuition** Both Afr and Eng

**Academic organisation** Information Science

**Period of presentation** Semester 1

**Module content**

Find, evaluate, process, manage and present information resources for academic purposes using appropriate technology.

**Academic information management 121 (AIM 121)**

**Module credits** 4.00

**Service modules**

Faculty of Engineering, Built Environment and Information Technology  
Faculty of Education  
Faculty of Economic and Management Sciences  
Faculty of Humanities  
Faculty of Law  
Faculty of Health Sciences  
Faculty of Natural and Agricultural Sciences  
Faculty of Theology  
Faculty of Veterinary Science

**Prerequisites** No prerequisites.

**Contact time** 2 lectures per week, MAMELODI

**Language of tuition** Both Afr and Eng

**Academic organisation** Information Science

**Period of presentation** Semester 2

**Module content**

Apply effective search strategies in different technological environments. Demonstrate the ethical and fair use of information resources. Integrate 21st-century communications into the management of academic information.

**Academic orientation 101 (UPO 101)**

**Module credits** 0.00

**Prerequisites** No prerequisites.

**Language of tuition** Double Medium

**Academic organisation** Humanities Dean's Office

**Period of presentation** Year

**Core modules**

**Economics 110 (EKN 110)**

**Module credits** 10.00

**Service modules**

Faculty of Engineering, Built Environment and Information Technology  
Faculty of Education  
Faculty of Humanities  
Faculty of Natural and Agricultural Sciences

|                               |  |
|-------------------------------|--|
| <b>Prerequisites</b>          | No prerequisites.                                |
| <b>Contact time</b>           | 2 lectures per week, 1 discussion class per week |
| <b>Language of tuition</b>    | Both Afr and Eng                                 |
| <b>Academic organisation</b>  | Economics  |
| <b>Period of presentation</b> | Semester 1                                       |

#### Module content

This module deals with the core principles of economics. A distinction between macroeconomics and microeconomics is made. A discussion of the market system and circular flow of goods, services and money is followed by a section dealing with microeconomic principles, including demand and supply analysis, consumer behaviour and utility maximisation, production and the costs thereof, and the different market models and firm behaviour. Labour market institutions and issues, wage determination, as well as income inequality and poverty are also addressed. A section of money, banking, interest rates and monetary policy concludes the course.

### Economics 120 (EKN 120)

|                               |   |
|-------------------------------|---|
| <b>Module credits</b>         | 10.00   |
| <b>Service modules</b>        | Faculty of Engineering, Built Environment and Information Technology<br>Faculty of Education<br>Faculty of Humanities<br>Faculty of Natural and Agricultural Sciences |
| <b>Prerequisites</b>          | EKN 110 GS or EKN 113 GS and at least 4 (50-59%) in Mathematics in the Grade 12 examination or 60% in STK 113 and concurrently registered for STK 123                 |
| <b>Contact time</b>           | 2 lectures per week, 1 discussion class per week  |
| <b>Language of tuition</b>    | Both Afr and Eng  |
| <b>Academic organisation</b>  | Economics   |
| <b>Period of presentation</b> | Semester 2  |

#### Module content

This module deals with the core principles of economics, especially macroeconomic measurement the private and public sectors of the South African economy receive attention, while basic macroeconomic relationships and the measurement of domestic output and national income are discussed. Aggregate demand and supply analysis stands core to this course which is also used to introduce students to the analysis of economic growth, unemployment and inflation. The microeconomics of government is addressed in a separate section, followed by a section on international economics, focusing on international trade, exchange rates and the balance of payments. The economics of developing countries and South Africa in the global economy conclude the course.

### Philosophy 110 (FIL 110)

|                        |  |
|------------------------|--|
| <b>Module credits</b>  | 12.00  |
| <b>Service modules</b> | Faculty of Engineering, Built Environment and Information Technology<br>Faculty of Law |
| <b>Prerequisites</b>   | No prerequisites.  |

**Contact time** 3 lectures per week, 1 discussion class per week

**Language of tuition** Both Afr and Eng

**Academic organisation** Philosophy

**Period of presentation** Semester 1

### Module content

Introduction to Philosophy

The two semester modules at first-year level introduce students to the four main subfields of Philosophy, namely epistemology and metaphysics, ethics and political philosophy. This module introduces students to two of these subfields. Students must contact the Department of Philosophy to ascertain which two subfields are covered in each semester as the choice may change from time to time due to availability of teaching staff. Students will become acquainted with the nature of philosophical reflection by exploring a number of classical philosophical themes in each subfield. Throughout the module there is an emphasis on developing those critical thinking, reading and writing skills that are required in Philosophy, while students become acquainted with the power of critique as critical judgment and discernment.

## Philosophy 120 (FIL 120)

**Module credits** 12.00

**Service modules** Faculty of Engineering, Built Environment and Information Technology  
Faculty of Law

**Prerequisites** No prerequisites.

**Contact time** 1 discussion class per week, 3 lectures per week

**Language of tuition** Both Afr and Eng

**Academic organisation** Philosophy

**Period of presentation** Semester 2

### Module content

Introduction to Philosophy

The two semester modules at first-year level introduce students to the four main subfields of Philosophy, namely epistemology and metaphysics, ethics and political philosophy. This module introduces students to two of these subfields. Students must contact the Department of Philosophy to ascertain which two subfields are covered in each semester as the choice may change from time to time due to availability of teaching staff. Students will become acquainted with the nature of philosophical reflection by exploring a number of classical philosophical themes in each subfield. Throughout the module there is an emphasis on developing those critical thinking, reading and writing skills that are required in Philosophy, while students become acquainted with the power of critique as critical judgment and discernment.

## Politics 111 (PTO 111)

**Module credits** 12.00

**Service modules** Faculty of Economic and Management Sciences  
Faculty of Law

**Prerequisites** No prerequisites.

**Contact time** 1 discussion class per week, 2 lectures per week

**Language of tuition** Both Afr and Eng

**Academic organisation** Political Sciences

**Period of presentation** Semester 1

### Module content

Basics of politics

An introduction to the study of organised political society at national and international levels with specific reference to political concepts, approaches and methods. The emphasis is on state and governance as frameworks for analysis. This includes the development and comparison of related political entities, processes and regime types of a democratic and non-democratic nature, also considering the salient changes brought about by globalisation.

## Politics 120 (PTO 120)

**Module credits** 12.00

**Service modules** Faculty of Economic and Management Sciences  
Faculty of Law

**Prerequisites** PTO 111(GS)

**Contact time** 2 lectures per week, 1 discussion class per week

**Language of tuition** Both Afr and Eng

**Academic organisation** Political Sciences

**Period of presentation** Semester 2

### Module content

Cooperation in the political world

An introduction to cooperation at national and international levels with specific reference to the nature, foundations and politics of cooperation. This includes an analysis and comparison of the politicisation, localisation and internationalisation of issues and of the problems at national, regional and international levels related to cooperation in an increasingly interdependent world characterised by the absence of supranational institutions. Attention is also paid to the corresponding dynamics of regime development, performance and change.

## Statistics 110 (STK 110)

**Module credits** 13.00

**Service modules** Faculty of Engineering, Built Environment and Information Technology  
Faculty of Education  
Faculty of Humanities  
Faculty of Natural and Agricultural Sciences

**Prerequisites** At least 5 (60-69%) in Mathematics in the Grade 12 examination. Candidates who do not qualify for STK 110 must register for STK 113 and STK 123

**Contact time** 1 tutorial per week, 1 practical per week, 3 lectures per week

**Language of tuition** Both Afr and Eng

**Academic organisation** Statistics

**Period of presentation** Semester 1

### Module content

Descriptive statistics:

Sampling and the collection of data; frequency distributions and graphical representations. Descriptive measures of location and dispersion.

Probability and inference:

Introductory probability theory and theoretical distributions. Sampling distributions. Estimation theory and hypothesis testing of sampling averages and proportions (one and two-sample cases). Identification, use, evaluation and interpretation of statistical computer packages and statistical techniques.

## Statistics 120 (STK 120)

**Module credits** 13.00

**Service modules** Faculty of Engineering, Built Environment and Information Technology  
Faculty of Education  
Faculty of Humanities  
Faculty of Natural and Agricultural Sciences

**Prerequisites** STK 110 GS or both STK 113 GS and STK 123 GS or both WST 133 and WST 143 or STK 133 and STK 143 or STK 133 and STK 143

**Contact time** 1 practical per week, 3 lectures per week, 1 tutorial per week

**Language of tuition** Both Afr and Eng

**Academic organisation** Statistics

**Period of presentation** Semester 2

### Module content

Multivariate statistics:

Analysis of variance, categorical data analysis, distribution-free methods, curve fitting, regression and correlation, the analysis of time series and indices.

Statistical and economic applications of quantitative techniques:

Systems of linear equations: drafting, matrices, solving and application. Optimisation; linear functions (two and more independent variables), non-linear functions (one and two independent variables). Marginal and total functions. Stochastic and deterministic variables in statistical and economic context: producers' and consumers' surplus, distribution functions, probability distributions, probability density functions. Identification, use, evaluation, interpretation of statistical computer packages and statistical techniques.

This module is also presented as an anti-semester bilingual module.



## Curriculum: Year 2

**Minimum credits: 112**

### Core modules

#### Economics 214 (EKN 214)

|                               |   |
|-------------------------------|---|
| <b>Module credits</b>         | 16.00   |
| <b>Service modules</b>        | Faculty of Engineering, Built Environment and Information Technology<br>Faculty of Education<br>Faculty of Humanities<br>Faculty of Natural and Agricultural Sciences |
| <b>Prerequisites</b>          | EKN 110 GS and EKN 120 or EKN 113 GS and EKN 123 and STK 110 GS and STK 120 GS  |
| <b>Contact time</b>           | 3 lectures per week   |
| <b>Language of tuition</b>    | Both Afr and Eng  |
| <b>Academic organisation</b>  | Economics   |
| <b>Period of presentation</b> | Semester 1  |

#### Module content

Macroeconomics

From Wall and Bay Street to Diagonal Street: a thorough understanding of the mechanisms and theories explaining the workings of the economy is essential. Macroeconomic insight is provided on the real market, the money market, two market equilibrium, monetarism, growth theory, cyclical analysis, inflation, Keynesian general equilibrium analysis and fiscal and monetary policy issues.

#### Economics 224 (EKN 224)

|                               |   |
|-------------------------------|---|
| <b>Module credits</b>         | 16.00   |
| <b>Service modules</b>        | Faculty of Education<br>Faculty of Humanities<br>Faculty of Natural and Agricultural Sciences |
| <b>Prerequisites</b>          | EKN 110 GS and EKN 120 or EKN 113 GS and EKN 123; and STK 110 GS and 120 GS                   |
| <b>Contact time</b>           | 3 lectures per week   |
| <b>Language of tuition</b>    | Both Afr and Eng  |
| <b>Academic organisation</b>  | Economics   |
| <b>Period of presentation</b> | Semester 1  |

#### Module content

Microeconomics

Microeconomic insight is provided into: consumer and producer theory, general microeconomic equilibrium, Pareto-optimality and optimality of the price mechanism, welfare economics, market forms and the production structure of South Africa. Statistic and econometric analysis of microeconomic issues.

## Philosophy 210 (FIL 210)

|                               |  |
|-------------------------------|--|
| <b>Module credits</b>         | 20.00  |
| <b>Service modules</b>        | Faculty of Engineering, Built Environment and Information Technology |
| <b>Prerequisites</b>          | At least one of FIL 110, 120   |
| <b>Contact time</b>           | 2 lectures per week, 1 discussion class per week                     |
| <b>Language of tuition</b>    | Both Afr and Eng   |
| <b>Academic organisation</b>  | Philosophy   |
| <b>Period of presentation</b> | Semester 1   |

### Module content

#### *History of modern philosophy I and II*

A concise history of modern philosophy. The following are examples of themes that may be explored: The Renaissance, the Scientific Revolution, the foundations of the modern worldview (in contrast to the premodern), the European Enlightenment, Romanticism, German Idealism (Kant and Hegel), Marx and Marxism, Kierkegaard and Existentialism, the philosophy of Nietzsche. A selection of contemporary critical responses to modern philosophy may be explored; these may include for example African philosophy, analytical (Anglo-American) philosophy, postmodernism, neo-Marxism, etc.

## Philosophy 220 (FIL 220)

|                               |  |
|-------------------------------|--|
| <b>Module credits</b>         | 20.00  |
| <b>Service modules</b>        | Faculty of Engineering, Built Environment and Information Technology |
| <b>Prerequisites</b>          | At least one of FIL 110, 120   |
| <b>Contact time</b>           | 2 lectures per week, 1 discussion class per week                     |
| <b>Language of tuition</b>    | Both Afr and Eng   |
| <b>Academic organisation</b>  | Philosophy   |
| <b>Period of presentation</b> | Semester 2   |

### Module content

#### *Political philosophy and ethics*

In this module the ways in which human reality is reflected on in practical philosophy, are examined. Both the analytical, interpretative perspective and the normative perspective are covered. This is done with the aid of a selection of key themes and texts from the history of philosophy, but with special attention to their contemporary relevance. The first of the two foci of this semester module will be on political philosophy. Among the issues that may be covered are justice, power, ideology, authority, the social contract, law, legitimacy, recognition, etc. The second focus of this semester module will be on ethics. Among the issues that may be covered are the formation of rules, principles, ideal, dispositions and the capability to judge that regulate such diverse phenomena as freedom, equality, rights, distribution, oppression. pluralism, and others. The classical approaches to ethics - virtue ethics, deontology, consequentialism - will form the backdrop against which moral philosophy will be discussed. In this module, in general, the student can expect to be exposed to the work of Plato, Aristotle, Augustine, Aquinas, Machiavelli, Hobbes, Locke, Kant, Hegel, Marx, Sidgwick, Nietzsche, Weber, Mead, Arendt, Habermas, Rawls, Ricoeur, Walzer, Young, Sen, Honneth, and others.

## International relations 210 (IPL 210)

|                               |   |
|-------------------------------|---|
| <b>Module credits</b>         | 20.00                                       |
| <b>Service modules</b>        | Faculty of Economic and Management Sciences |
| <b>Prerequisites</b>          | PTO 111(GS), PTO 120(GS)                    |
| <b>Contact time</b>           | 3 lectures per week                         |
| <b>Language of tuition</b>    | English                                     |
| <b>Academic organisation</b>  | Political Sciences                          |
| <b>Period of presentation</b> | Semester 1                                  |

### Module content

International theory and organisation

What cause war and peace? Can international order and justice be reconciled? Does the international structure matter? The answers depend on the theoretical lenses through which world politics are viewed. An overview is provided of competing theoretical perspectives of international relations. It includes mainstream and alternative perspectives, as well as the underlying ideas, theories and variants of each. These theories also propose different approaches to global peace, amongst others peace through international organisation. A comprehensive analysis is made of selected international organisations with a universal or regional scope, such as the United Nations, the African Union and the Southern African Development Community, and of international law that underpins these organisations and their activities.

## International relations 220 (IPL 220)

|                               |   |
|-------------------------------|---|
| <b>Module credits</b>         | 20.00                                       |
| <b>Service modules</b>        | Faculty of Economic and Management Sciences |
| <b>Prerequisites</b>          | PTO 111(GS), PTO 120(GS), IPL 210(GS)       |
| <b>Contact time</b>           | 3 lectures per week                         |
| <b>Language of tuition</b>    | English                                     |
| <b>Academic organisation</b>  | Political Sciences                          |
| <b>Period of presentation</b> | Semester 2                                  |

### Module content

Foreign policy and diplomacy

A short introduction to the study of foreign policy is followed by an explanation of the use of the comparative method and a framework for foreign policy analysis and evaluation. This allows for a comparative study of the foreign policies of selected states from the major regions of the world, amongst others of South African foreign policy. In each case study the policy environment, the formulation and implementation processes, as well as the substance of the particular state's foreign policy are covered. Thereafter the focus narrows to diplomacy: the oldest, most versatile and universally used instrument of foreign policy. The nature, history, modes of diplomacy and legal framework of the institution are explored. Examples are drawn from global practice, with specific consideration of the evolution of diplomatic practice within the African and South African context.

## Political science 210 (STL 210)

|                               |   |
|-------------------------------|---|
| <b>Module credits</b>         | 20.00                                       |
| <b>Service modules</b>        | Faculty of Economic and Management Sciences |
| <b>Prerequisites</b>          | PTO 111(GS), PTO 120(GS)                    |
| <b>Contact time</b>           | 3 lectures per week                         |
| <b>Language of tuition</b>    | English                                     |
| <b>Academic organisation</b>  | Political Sciences                          |
| <b>Period of presentation</b> | Semester 1                                  |

### Module content

Political dynamics (Micro)

The study of the theory and practice of behavioural phenomena in politics. With reference to appropriate examples, the emphasis is on the study of political culture, leadership, communication, interests groups, parties and party systems; on elections, electoral systems, voting behaviour; and on public opinion and direct popular control techniques.

## Political science 220 (STL 220)

|                               |   |
|-------------------------------|---|
| <b>Module credits</b>         | 20.00                                       |
| <b>Service modules</b>        | Faculty of Economic and Management Sciences |
| <b>Prerequisites</b>          | PTO 111(GS), PTO 120(GS), STL 210(GS)       |
| <b>Contact time</b>           | 3 lectures per week                         |
| <b>Language of tuition</b>    | English                                     |
| <b>Academic organisation</b>  | Political Sciences                          |
| <b>Period of presentation</b> | Semester 2                                  |

### Module content

Political dynamics (Macro)

A theoretical basis and framework is provided for the description, analysis and classification of political and policy problems. The emphasis is on the nature of the state, governance and conflict in Africa. Amongst others a study is made of the issues of colonialism and post-colonialism, democratisation, authoritarianism and the development of the state in Africa, in the context of a globalising world.

## Economics 234 (EKN 234)

|                        |   |
|------------------------|---|
| <b>Module credits</b>  | 16.00   |
| <b>Service modules</b> | Faculty of Engineering, Built Environment and Information Technology<br>Faculty of Education<br>Faculty of Humanities<br>Faculty of Natural and Agricultural Sciences |
| <b>Prerequisites</b>   | EKN 214, STK 120  |
| <b>Contact time</b>    | 3 lectures per week   |



**Language of tuition** English

**Academic organisation** Economics

**Period of presentation** Semester 2

### Module content

Macroeconomics

Application of the principles learned in EKN 214 on the world we live in. We look at international markets and dynamic macroeconomic models, and familiarise the students with the current macroeconomic policy debates. We also take a look at the latest macroeconomic research in the world. The course includes topics of the mathematical and econometric analysis of macroeconomic issues.

## Economics 244 (EKN 244)

**Module credits** 16.00

**Service modules** Faculty of Humanities  
Faculty of Natural and Agricultural Sciences

**Prerequisites** EKN 224, STK 120

**Contact time** 3 lectures per week

**Language of tuition** English

**Academic organisation** Economics

**Period of presentation** Semester 2

### Module content

Microeconomics

From general equilibrium and economic welfare to uncertainty and asymmetric information. In this module we apply the principles learned in EKN 224 on the world around us by looking at the microeconomic principles of labour and capital markets, as well as reasons why the free market system could fail. We touch on the government's role in market failures. The course includes topics of the mathematical and econometric analysis of microeconomic issues.

## Curriculum: Final year

**Minimum credits: 160**

### Core modules

#### Economics 310 (EKN 310)

|                               |   |
|-------------------------------|---|
| <b>Module credits</b>         | 20.00   |
| <b>Service modules</b>        | Faculty of Engineering, Built Environment and Information Technology<br>Faculty of Education<br>Faculty of Humanities<br>Faculty of Natural and Agricultural Sciences |
| <b>Prerequisites</b>          | EKN 214, EKN 234 or EKN 224, EKN 244  |
| <b>Contact time</b>           | 2 lectures per week, 1 discussion class per week  |
| <b>Language of tuition</b>    | Double Medium   |
| <b>Academic organisation</b>  | Economics   |
| <b>Period of presentation</b> | Semester 1  |

#### Module content

Public finance

Role of government in the economy. Welfare economics and theory of optimality. Ways of correcting market failures. Government expenditure theories, models and programmes. Government revenue. Models on taxation, effects of taxation on the economy. Assessment of taxation from an optimality and efficiency point of view. South African perspective on public finance.

#### Economics 320 (EKN 320)

|                               |   |
|-------------------------------|---|
| <b>Module credits</b>         | 20.00   |
| <b>Service modules</b>        | Faculty of Engineering, Built Environment and Information Technology<br>Faculty of Education<br>Faculty of Humanities<br>Faculty of Natural and Agricultural Sciences |
| <b>Prerequisites</b>          | EKN 310 GS  |
| <b>Contact time</b>           | 1 discussion class per week, 2 lectures per week  |
| <b>Language of tuition</b>    | Double Medium   |
| <b>Academic organisation</b>  | Economics   |
| <b>Period of presentation</b> | Semester 2  |

## Module content

### Economic analyses

Identification, collection and interpretation process of relevant economic data; the national accounts (i.e. income and production accounts, the national financial account, the balance of payments and input-output tables); economic growth; inflation; employment, unemployment, wages, productivity and income distribution; business cycles; financial indicators; fiscal indicators; social indicators; international comparisons; relationships between economic time series - regression analysis; long-term future studies and scenario analysis; overall assessment of the South African economy from 1994 onwards.

## Philosophy 310 (FIL 310)

**Module credits** 30.00

**Service modules** Faculty of Engineering, Built Environment and Information Technology

**Prerequisites** At least three of FIL 110, 120, 210, 220

**Contact time** 1 discussion class per week, 2 lectures per week

**Language of tuition** Both Afr and Eng

**Academic organisation** Philosophy

**Period of presentation** Semester 1

## Module content

### *Philosophical anthropology and cognitive philosophy*

In this module the focus is on the quest to understand humankind and its relations to reality and knowledge. Both the analytical, interpretative perspective and the normative perspective are covered. This is done with the aid of a selection of key themes and texts from the history of philosophy, but with special attention to their contemporary relevance. The first of the two foci of this semester module is philosophical anthropology or contemporary metaphysics. Themes covered may include: Is a human more than the sum total of its properties?; the relation between consciousness, self-consciousness and the human unconscious; the meaning of life; the nature of personal identity; the issue of free will, and others. The second focus of the semester module is the cognitive disciplines of philosophy, such as philosophy of science, philosophy of mind and epistemology. In philosophy of science, themes covered may include the types of reasoning in science, the nature and role of explanations in science, the scientific realism debate, the nature of scientific progress, justification of scientific theories, the role of truth in science, and others. In philosophy of mind, themes covered may include the relation between spirit, psyche and body - the mind-body problem, the nature of consciousness and qualia, dualism, materialism, functionalism, physicalism, supervenience, intentionality, and others. In epistemology themes covered may include rationalism, empiricism, transcendental, idealism and Kant foundationalism coherentism, epistemic internalism and externalism, radical scepticism, and others.

## Philosophy 320 (FIL 320)

**Module credits** 30.00

**Service modules** Faculty of Engineering, Built Environment and Information Technology

**Prerequisites** FIL 110, 120, 210, 220 and 310

**Contact time** 1 discussion class per week, 2 lectures per week

**Language of tuition** Both Afr and Eng

**Academic organisation** Philosophy

**Period of presentation** Semester 2

### Module content

#### *Philosophical hermeneutics and social philosophy*

The first of the two foci of this semester module is a discussion and analysis of philosophical perspectives on the hermeneutical problem (the problem of understanding and interpretation), with particular attention to contemporary thinkers such as Nietzsche, Heidegger, Gadamer and Derrida. The second focus of the semester module is social philosophy where philosophical questions on social forms, structures, institutions, practices, habitus and ethos will be raised. A range of themes may be investigated, such as structure and agency, social imaginaries, new social formations, institutional cultures, gender and sexuality, subject constitution, and others. Furthermore, the framing of these themes in a spectrum of approaches including Critical Theory, Theory of Ideology, Contractarianism, Social Action Theory, Metaphorology, Critical Race Theory, Genealogy, and others will be analysed and explored.

### International relations 310 (IPL 310)

**Module credits** 30.00

**Service modules** Faculty of Economic and Management Sciences

**Prerequisites** PTO 111, PTO 120, IPL 210(GS), IPL 220(GS)

**Contact time** 3 lectures per week

**Language of tuition** English

**Academic organisation** Political Sciences

**Period of presentation** Semester 1

### Module content

#### International political economy

The nature and functioning of the international contemporary political-economic order are analysed against the background of the process of globalisation. The focus is on the interaction of political and economic trends and issues such as the economic importance and political impact of regional trade blocs; the debt burden of states; international aid; the role and influence of multinational corporations; and the transfer of technology to less-developed countries; the rise of new economic powers in the Global South; and global economic governance.

### International relations 320 (IPL 320)

**Module credits** 30.00

**Service modules** Faculty of Economic and Management Sciences

**Prerequisites** PTO 111, 120, IPL 210(GS), PTO 220(GS), PTO 310(GS)

**Contact time** 3 lectures per week

**Language of tuition** English

**Academic organisation** Political Sciences



**Period of presentation** Semester 2

### Module content

Security and strategic studies

A study of traditional and contemporary approaches to security and strategy. Attention is paid to new theories on war, security and strategy; military and non-military security issues and threats; the national security of developing states; as well as the relationship between policy, strategy and tactics. The latter includes an introductory overview of the nature, levels, patterns, forms and instruments of strategy, and the laws of war. The national, regional and continental security situation in Africa and modes of multilateral security cooperation in particular are analysed, also in relation to extra-continental trends. Regarding the aforesaid, emphasis is placed on the legal and institutional framework, national security policy and strategic posture of South Africa.

## Statistics 210 (STK 210)

**Module credits** 20.00

**Service modules** Faculty of Engineering, Built Environment and Information Technology  
Faculty of Humanities  
Faculty of Natural and Agricultural Sciences

**Prerequisites** STK 110, STK 120

**Contact time** 1 practical per week, 3 lectures per week

**Language of tuition** Double Medium

**Academic organisation** Statistics

**Period of presentation** Semester 1

### Module content

Counting techniques. Probability theory: Sample spaces, events, rules of probability, conditional probabilities, independent events and Bayes' theorem. Probability distributions and probability densities: cumulative distribution functions, marginal distributions, joint distributions, conditional distributions and independence. Expected values: Moments, Chebyshev's theorem, moment-generating functions, product moments, moments of linear combinations of random variables and conditional expectations. Transformation techniques of random variables. Identification, use, evaluation and interpretation of statistical computer packages and statistical techniques.

## Statistics 220 (STK 220)

**Module credits** 20.00

**Service modules** Faculty of Engineering, Built Environment and Information Technology  
Faculty of Humanities  
Faculty of Natural and Agricultural Sciences

**Prerequisites** STK 210 GS

**Contact time** 3 lectures per week, 1 practical per week

**Language of tuition** Double Medium

**Academic organisation** Statistics

**Period of presentation** Semester 2

## Module content

Special probability distributions: the discrete uniform distribution, Bernoulli distribution, binomial distribution, negative binomial and geometric distribution, the hypergeometric distribution, Poisson distribution and multinomial distribution. Special probability densities: Uniform distribution, gamma, exponential and chi-square distributions, the beta distribution, the normal distribution and the bivariate normal distribution. Functions of random variables. Sampling distributions, point estimation, interval estimation and hypothesis testing. Regression Analysis. Identification, use, evaluation and interpretation of statistical computer packages and statistical techniques.

## Political science 310 (STL 310)

**Module credits** 30.00

**Service modules** Faculty of Economic and Management Sciences

**Prerequisites** PTO 111, PTO 120, STL 210(GS), STL 220(GS)

**Contact time** 3 lectures per week

**Language of tuition** English

**Academic organisation** Political Sciences

**Period of presentation** Semester 1

## Module content

Political theory

A theoretical and normative study of political ideas. This includes the study of key political thinkers such as Plato, Thomas Hobbes and John Rawls as well as the contemporary manifestations of ideologies such as liberalism, socialism, conservatism and nationalism. This normative assessment of politics concludes with a critical evaluation of the development, nature and practical value of prominent democratic theories including participatory, legal, and deliberative democracy.

## Political science 320 (STL 320)

**Module credits** 30.00

**Service modules** Faculty of Economic and Management Sciences

**Prerequisites** PTO 111, PTO 120, STL 210(GS), STL 220(GS), STL 310(GS)

**Contact time** 3 lectures per week

**Language of tuition** English

**Academic organisation** Political Sciences

**Period of presentation** Semester 2

## Module content

### Part 1: Democratic studies

A high level critical analysis of democratic theory and practice. The analysis of democratic theory will include themes such as classical, radical, deliberative and feminist perspectives. The analysis of democratic practice will include aspects such as democratisation, democratic consolidation, democratic citizenship and society, the role and importance of civil society, the institutions and procedures for democracy and “good governance”.

### Part 2: Political analysis

The methods and practice of political analysis is the focus of study. The principles and problems underpinning different approaches and methods of political analysis are described and explained. This includes the nature, methods and use of comparative analysis, forecasting, risk analysis, performance evaluation and the political audit. These analytical methods are positioned in a political and policy context, with emphasis on practical application. Applicable examples and case studies are used throughout.

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The information published here is subject to change and may be amended after the publication of this information. The [General Regulations \(G Regulations\)](#) apply to all faculties of the University of Pretoria. It is expected of students to familiarise themselves well with these regulations as well as with the information contained in the [General Rules](#) section. Ignorance concerning these regulations and rules will not be accepted as an excuse for any transgression.