



# Universiteit van Pretoria Jaarboek 2018

## MCom Ekonometrie (Gedoseer) (07250013)

**Minimum duur van studie** 1 jaar

**Totale krediete** 180

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### Toelatingsvereistes

- Relevant BCom Honours degree with an average of at least 65%.
- A candidate may be refused admission to a master's degree by the postgraduate committee of the department if he/she does not comply with the standard of competence in the subject as determined by the department – with the proviso that a candidate who does not comply with the required level of competence, may be admitted, provided that he/she completes additional study assignments and/or examinations.
- The head of department concerned may set additional admission requirements.
- Specific departments have specific requirements for admission.
- The number of students will be determined in line with the growth strategy of the University of Pretoria as approved by the Executive. However, a candidate may also be refused admission by the postgraduate committee of the department if the department does not have adequate capacity to instruct and supervise the student.
- Allowance will be made for the diversity profile of students.
- All MCom candidates need to have adequate knowledge of Management, Financial and Economic Sciences as well as Statistics, as determined by the Faculty of Economic and Management Sciences, as well as the head of department concerned, in consultation with the Dean.

### Addisionele vereistes

#### Capacity limitations

- The supervision of postgraduate students is a time-consuming process, and, therefore, the Department reserves the right to limit entry into programmes.
- Please consult the department for the most recent information on enrolment expectations.
- All reasonable measures will be taken to ensure that those students who meet the minimum requirements, are enrolled.
- In the event that departmental capacity cannot accommodate the number of students who meet the minimum requirements, the students will be ranked according to the above averages, and only the top performing students will be admitted to the programme, in accordance with the number of students that the departmental teaching capacity and supervision can accommodate.

### Ander programspesifieke inligting

Research methodology 801 (EBW 801) is a prerequisite for the mini-dissertation. The module does not carry any credits.

Any other module on master's level approved by the head of department can constitute an elective. Candidates who consider pursuing a doctoral degree are required to complete the MPhil (Economics). A minimum number of at least five candidates are required to register before a module is presented. The department furthermore reserves the right not to present a module if the particular expertise in that module is not available in the department for that year.

Each candidate is only allowed to register twice for a particular module. Exam entry in all subjects requires a minimum 40%. In order to continue on the programme, all students must receive exam entry in every module. Students cannot be registered on the programme more than two years.

The Department of Economics is serious about the need to develop students from previously disadvantaged backgrounds, and accepts that it has a responsibility to provide its own students with a seamless educational experience.

## Eksamens en slaagvereistes

The pass mark for both a dissertation and a mini-dissertation is 50%. The provisions regarding pass requirements for dissertations, contained in General Regulation G.12.2, apply mutatis mutandis to mini-dissertations.

A pass mark of at least 50% is required in the examination of each module.

## Navorsing

The research component comprises the writing of a mini-dissertation. The postgraduate programme manager will appoint a supervisor, based on the mutual interests of the candidate and the supervisor. Once a supervisor agrees to work with a candidate, the candidate will continue to work under the guidance of his/her supervisor to complete the research and to develop and finalise a mini-dissertation according to departmental guidelines and regulations.

The dissertation contributes 67% towards the total requirements for the degree.

### **Dissertations/mini-dissertations/research reports, curricula and modules**

1. The degree programme requires that a dissertation/mini-dissertation/research article must be submitted in a field of study chosen from the fields covered for the honours degree, provided that the Dean may, on the recommendation of the head of department concerned, approve the replacement of the required dissertation by the successful completion of a prescribed number of module credits and a mini-dissertation/research article.
2. Information on modules, credits and syllabi is available, on request, from the head of department concerned and the postgraduate committee.
3. A module in Research Methodology is compulsory in the programme, although it is incorporated into the mini-dissertation mark. The Dean may, on the recommendation of the head of department concerned, waive the prerequisites.
4. Sufficient number of bound copies of the thesis/dissertation must be submitted to the Head: Student Administration for examination, after permission is granted by the supervisor. The mini-dissertation should be written in consultation with the supervisor, and is to be submitted either by December 15 to graduate in April or May 31 to graduate in September. The mini-dissertation should be submitted to the postgraduate administrator in the department, and should be submitted with the approval of the supervisor. If the supervisor does not approve, the student should approach the postgraduate committee of the department. That committee will make a final recommendation on submission.



### **Article for publication**

There is no expectation that an article be published from the research conducted in the mini-dissertation. Students interested in pursuing a PhD, however, should work with their supervisor to submit an article.



## Kurrikulum: Jaar 1

Minimum krediete: 180

### Kernmodules

#### Mikro-ekonomie 812 (EKN 812)

**Modulekrediete** 10.00

**Diensmodules** Fakulteit Natuur- en Landbouwetenskappe

**Voorvereistes** Slegs vir studente in toepaslike program

**Kontaktyd** 1 lesing per week

**Onderrigtaal** Module word in Engels aangebied

**Departement** Ekonomie

**Aanbiedingstydperk** Semester 1

#### Module-inhoud

\*Hierdie inligting is slegs in Engels beskikbaar.

The module will first expose students to knowledge related to how individual consumers and firms behave under a very strict set of circumstances. Toward the end of the semester, the module will then begin to examine behaviour under less strict assumptions. The module covers in detail, firm behaviour, consumer behaviour, general equilibrium, behaviour under uncertainty and risk, strategic behaviour, information, game theory and to a lesser extent, the interaction between the government and the individual.

#### Makro-ekonomie 813 (EKN 813)

**Modulekrediete** 10.00

**Diensmodules** Fakulteit Natuur- en Landbouwetenskappe

**Voorvereistes** Slegs vir studente in toepaslike program

**Kontaktyd** 1 ander kontak per week, 3 lesings per week

**Onderrigtaal** Module word in Engels aangebied

**Departement** Ekonomie

**Aanbiedingstydperk** Semester 1 of Semester 2



## Module-inhoud

\*Hierdie inligting is slegs in Engels beskikbaar.

The basic framework for this module will be infinitely-lived dynamic stochastic and non-stochastic macro models in both discrete and continuous time frames. Overlapping generation models will also be used to deal with certain topics. Topics include:

- The Lucas Critique
- Growth models
- Expectations
- Business cycles
- Basics of a new Keynesian business cycle model
- Overlapping generations models

## Ekonometrie 813 (EKT 813)

**Modulekrediete** 10.00

**Voorvereistes** Slegs vir studente in toepaslike program

**Onderrigtaal** Module word in Engels aangebied

**Departement** Ekonomie

**Aanbiedingstydperk** Semester 1 of Semester 2

## Miniverhandeling: Ekonometrie 895 (EKT 895)

**Modulekrediete** 120.00

**Voorvereistes** Slegs vir studente in toepaslike program

**Onderrigtaal** Module word in Engels aangebied

**Departement** Ekonomie

**Aanbiedingstydperk** Jaar

## Keusemodules

### Internasionale handel 804 (EKN 804)

**Modulekrediete** 10.00

**Voorvereistes** Slegs vir studente in toepaslike program

**Kontaktyd** 1 lesing per week

**Onderrigtaal** Module word in Engels aangebied

**Departement** Ekonomie

**Aanbiedingstydperk** Semester 2



## Module-inhoud

\*Hierdie inligting is slegs in Engels beskikbaar.

Evidence over the last fifty years has shown that trade remains the engine for growth and development across the world and for almost each individual country. This module comprises a thorough analysis of international trade with an emphasis on trade theory, growth and development. It exposes students to the critical issues that policymakers grapple with on a day-to-day basis (WTO issues) and extends the international trade theory to policymaking. Furthermore, an understanding of the circumstances within which international trade policy is made in developing countries with particular reference to South Africa.

## Internasionale finansies 805 (EKN 805)

<b>Modulekrediete</b>	10.00
<b>Voorvereistes</b>	Slegs vir studente in toepaslike program
<b>Kontaktyd</b>	1 lesing per week
<b>Onderrigtaal</b>	Module word in Engels aangebied
<b>Departement</b>	Ekonomie
<b>Aanbiedingstydperk</b>	Semester 1

## Monetêre ekonomie en bankwese 816 (EKN 816)

<b>Modulekrediete</b>	10.00
<b>Diensmodules</b>	Fakulteit Natuur- en Landbouwetenskappe
<b>Voorvereistes</b>	Slegs vir studente in toepaslike program
<b>Kontaktyd</b>	1 lesing per week
<b>Onderrigtaal</b>	Module word in Engels aangebied
<b>Departement</b>	Ekonomie
<b>Aanbiedingstydperk</b>	Semester 1 of Semester 2

## Module-inhoud

\*Verwys na die Engelse weergawe van die Course Catalogue.

## Gesondheidseconomie 864 (EKN 864)

<b>Modulekrediete</b>	10.00
<b>Voorvereistes</b>	Geregistreer vir MCom Ekonomie.
<b>Kontaktyd</b>	1 lesing per week
<b>Onderrigtaal</b>	Module word in Engels aangebied
<b>Departement</b>	Ekonomie
<b>Aanbiedingstydperk</b>	Semester 1



## Module-inhoud

\*Hierdie inligting is slegs in Engels beskikbaar.

EKN 864 is dedicated to health economics. The course will examine Grossman's model of health capital, markets for health insurance, physician-patient agency problems. We will also examine a number of issues related to access to care, quality of care, financing and health inequality.

## Gesondheidseconomie 864 (EKN 864)

<b>Modulekrediete</b>	10.00
<b>Voorvereistes</b>	Geregistreer vir MCom Ekonomie.
<b>Kontaktyd</b>	1 lesing per week
<b>Onderrigtaal</b>	Module word in Engels aangebied
<b>Departement</b>	Ekonomie
<b>Aanbiedingstydperk</b>	Semester 1

## Module-inhoud

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EKN 864 is dedicated to health economics. The course will examine Grossman's model of health capital, markets for health insurance, physician-patient agency problems. We will also examine a number of issues related to access to care, quality of care, financing and health inequality.

## Ekonometrie 814 (EKT 814)

<b>Modulekrediete</b>	10.00
<b>Voorvereistes</b>	Slegs vir studente in toepaslike program
<b>Onderrigtaal</b>	Module word in Engels aangebied
<b>Departement</b>	Ekonomie
<b>Aanbiedingstydperk</b>	Semester 1 of Semester 2



## Module-inhoud

\*Hierdie inligting is slegs in Engels beskikbaar.

In this module, “panel data” refers to the pooling of observations on a cross-section of countries, households, firms, etc. over a number of time periods. We use panel data techniques for example to control for individual heterogeneity or to study the dynamics of adjustment. Panel data allows for more informative results, more variability, more degrees of freedom and more efficiency. This module focuses on statistical theory and empirical estimation, interpretation and evaluation of economic relationships, within a panel data context. The module covers both techniques applicable to stationary and non-stationary panel data sets, and begins with an introduction to one-way error component models (either including individual-specific or period-specific (time) effects), followed by two-way error component models (including individual-specific and time effects simultaneously). Estimation techniques include fixed effects (LSDV or “Within” estimation) and random effects estimation. Hypothesis testing includes tests for poolability (pooled vs. individual regressions), tests for fixed effects, random effects, and specification (exogeneity of the X-regressors). It also includes various tests for serial correlation and heteroscedasticity and the correction thereof. The section on stationary panel data techniques concludes with a discussion of seemingly unrelated regression (SUR) models. In the non-stationary panel data section we discuss unit root testing in the panel context, estimation of non-stationary panels and tests for co integration.

## Ekonometrie 815 (EKT 815)

<b>Modulekrediete</b>	10.00
<b>Voorvereistes</b>	Slegs vir studente in toepaslike program
<b>Kontaktyd</b>	2 lesings per week
<b>Onderrigtaal</b>	Module word in Engels aangebied
<b>Departement</b>	Ekonomie
<b>Aanbiedingstydperk</b>	Semester 1

## Ekonometrie 816 (EKT 816)

<b>Modulekrediete</b>	10.00
<b>Voorvereistes</b>	Slegs vir studente in toepaslike program
<b>Onderrigtaal</b>	Module word in Engels aangebied
<b>Departement</b>	Ekonomie
<b>Aanbiedingstydperk</b>	Semester 1 of Semester 2

## Ekonomiese ontwikkeling 880 (EOG 880)

<b>Modulekrediete</b>	10.00
<b>Voorvereistes</b>	Slegs vir studente in toepaslike program
<b>Onderrigtaal</b>	Module word in Engels aangebied
<b>Departement</b>	Ekonomie
<b>Aanbiedingstydperk</b>	Semester 1





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## Openbare ekonomie 880 (OWE 880)

<b>Modulekrediete</b>	10.00
<b>Voorvereistes</b>	OWE 780
<b>Kontaktyd</b>	2 besprekingsklasse per week, 1 ander kontak per week
<b>Onderrigtaal</b>	Module word in Engels aangebied
<b>Departement</b>	Ekonomie
<b>Aanbiedingstydperk</b>	Semester 2



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## Kurrikulum: Finale jaar

**Minimum krediete: 180**

### Kernmodules

#### Miniverhandeling: Ekonometrie 895 (EKT 895)

**Modulekrediete** 120.00

**Voorvereistes** Slegs vir studente in toepaslike program

**Onderrigtaal** Module word in Engels aangebied

**Departement** Ekonomie

**Aanbiedingstydperk** Jaar

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Die inligting wat hier verskyn, is onderhewig aan verandering en kan na die publikasie van hierdie inligting gewysig word.. Die [Algemene Regulasies \(G Regulasies\)](#) is op alle fakulteite van die Universiteit van Pretoria van toepassing. Dit word vereis dat elke student volkome vertrouwd met hierdie regulasies sowel as met die inligting vervat in die [Algemene Reëls](#) sal wees. Onkunde betreffende hierdie regulasies en reëls sal nie as 'n verskoning by oortreding daarvan aangebied kan word nie.