



# Universiteit van Pretoria Jaarboek 2017

## MPhil Landbou-ekonomie (Gedoseer) (07255251)

**Duur van studie** 2 jaar

**Totale krediete** 180

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### Programinligting

Hierdie inligting is slegs in Engels beskikbaar.

Due to capacity constraints, there are not an intake of new students for every degree every year. It remains the applicant's responsibility to ensure that the degree they wish to apply for, will indeed be offered. In addition to the fields of specialisation, options are offered under the various specialisation fields, eg MPhil Accounting Sciences with an option in Fraud Risk Management, which enables the candidate to make a selection and expand specific focus areas within the existing fields of specialisation.

### Toelatingsvereistes

### Addisionele vereistes

1. A candidate may be refused admission to a master's degree by the head 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.
2. The head of department concerned may set additional admission requirements.
3. Specific departments have specific requirements for admission.
4. The number of students will be determined in line with the growth strategy of the University of Pretoria as approved by the Executive.
5. Allowance will be made for the diversity profile of students.
6. A completed Postgraduate Diploma in Economic and Management Sciences can also be considered for admission to the Master's programme in Entrepreneurship.

### Ander programspesifieke inligting

The degree programme must be completed within four years after the first registration.

### 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

### **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.
3. A module in Research Methodology is compulsory in all programmes. 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.

### **Article for publication**

A dean may require, before or on submission of a dissertation, the submission of a draft article for publication to the supervisor. The draft article should be based on the research that the student has conducted for the dissertation and be approved by the supervisor concerned. The supervisor should then have the opportunity to take the paper through all the processes of revision and resubmission as may be necessary and/or appropriate in order to achieve publication.

### **Submission of dissertation**

A dissertation is submitted to the Head: Student Administration, before the closing date for the various graduation ceremonies as announced annually.

For examination purposes, a student must, in consultation with the supervisor, submit a sufficient number of bound copies of the dissertation, printed on good quality paper and of good letter quality, to the Head: Student Administration. Permission to submit the dissertation in unbound form may be obtained from the supervisor concerned on condition that a copy of the final approved dissertation is presented to the examiners in bound format or electronic format.

In addition to the copies already mentioned, each successful student must submit a bound paper copy as well as two electronic copies of the approved dissertation to the Head: Student Administration in the format specified by the faculty and in accordance with the minimum standards set by the Department of Library Services, before 15 February for the Autumn graduation ceremonies and before 15 July for the Spring graduation ceremonies, failing which the degree will only be conferred during a subsequent series of graduation ceremonies.



## Kurrikulum: Jaar 1

### Kernmodules

#### Institusionele ekonomie 882 (LEK 882)

**Modulekrediete** 15.00

**Diensmodules** Fakulteit Ekonomiese en Bestuurswetenskappe

**Voorvereistes** MIE 780

**Kontaktyd** 1 lesing per week

**Onderrigtaal** Module word in Engels aangebied

**Akademiese organisasie** Landbou-ekonomie, Voorligting

**Aanbiedingstydperk** Semester 1

#### Module-inhoud

\*Verwys asseblief na die Engelse weergawe van die Modulekatalogus vir die inhoud van hierdie module.

### Keusemodules

#### Quantitative methods for agricultural and environmental policy 814 (LEK 814)

**Modulekrediete** 15.00

**Diensmodules** Fakulteit Ekonomiese en Bestuurswetenskappe

**Voorvereistes** Geen voorvereistes.

**Kontaktyd** 1 lesing per week, 1 praktiese sessie per week

**Onderrigtaal** Module word in Engels aangebied

**Akademiese organisasie** Landbou-ekonomie, Voorligting

**Aanbiedingstydperk** Semester 1

#### Module-inhoud

\*Hierdie inligting is slegs in Engels beskikbaar.

Quantitative models for agricultural and environmental policy. This module will introduce students to applications of discrete choice and linear regression models to agricultural and environmental economics. These include demand systems, production functions and treatment effects/impact assessment models. The second part of the class will focus on mathematical programming and numerical methods including but not limited to multisector models, Input-output and programming models and social accounting matrices for consistent production planning, growth, income distribution and trade policy analysis. Computable general equilibrium models.

#### Agrivoorsieningskettingbestuur 883 (LEK 883)

**Modulekrediete** 15.00

**Diensmodules** Fakulteit Ekonomiese en Bestuurswetenskappe



<b>Voorvereistes</b>	Geen voorvereistes.
<b>Kontaktyd</b>	1 lesing per week
<b>Onderrigtaal</b>	Module word in Engels aangebied
<b>Akademiese organisasie</b>	Landbou-ekonomie, Voorligting
<b>Aanbiedingstydperk</b>	Semester 1 of Semester 2

#### Module-inhoud

\*Verwys asseblief na die Engelse weergawe van die Modulekatalogus vir die inhoud van hierdie module.

### Geselekteerde onderwerpe in omgewingsekonomie 887 (LEK 887)

<b>Modulekrediete</b>	15.00
<b>Diensmodules</b>	Fakulteit Ekonomiese en Bestuurswetenskappe
<b>Voorvereistes</b>	MIE 780 en EKT 713 of gelykwaardige modules
<b>Kontaktyd</b>	1 lesing per week
<b>Onderrigtaal</b>	Module word in Engels aangebied
<b>Akademiese organisasie</b>	Landbou-ekonomie, Voorligting
<b>Aanbiedingstydperk</b>	Semester 2

#### Module-inhoud

\*Hierdie inligting is slegs in Engels beskikbaar.

Selected topics in environmental economics. This module will introduce students to various issues of special importance in environmental economics and policy with special emphasis on international dimensions. Examples of key themes to be covered include trade and the environment, trans-boundary externalities, global public goods, multi-lateral environmental agreements, international aid, economic growth and environmental change, poverty and the environment, etc. The main objective of the module is to equip students with the appropriate tools for analysing the linkages between economic development, trade and globalization, poverty, economic and environmental policy and environmental change.

### Omgewingswaardasie en beleid 826 (LEK 826)

<b>Modulekrediete</b>	15.00
<b>Diensmodules</b>	Fakulteit Ekonomiese en Bestuurswetenskappe
<b>Voorvereistes</b>	Geen voorvereistes.
<b>Kontaktyd</b>	1 lesing per week
<b>Onderrigtaal</b>	Module word in Engels aangebied
<b>Akademiese organisasie</b>	Landbou-ekonomie, Voorligting
<b>Aanbiedingstydperk</b>	Semester 2



## Module-inhoud

\*Hierdie inligting is slegs in Engels beskikbaar.

Environmental valuation and policy. This module will review the basic principles of microeconomic theory needed for understanding and analysis of environmental problems, introduce market and non-market techniques of valuation of natural resources and environmental services (hedonic pricing, contingent valuation, transport cost, willingness-to-pay, cost-based techniques, etc.), public goods and environmental externalities, property rights regimes and selection of appropriate environmental policy instruments for management of environmental externalities.

## Natuurlike hulpbron ekonomie 886 (LEK 886)

<b>Modulekrediete</b>	15.00
<b>Diensmodules</b>	Fakulteit Ekonomiese en Bestuurswetenskappe
<b>Voorvereistes</b>	LEK 810 of gelykwaardige module
<b>Kontaktyd</b>	1 lesing per week
<b>Onderrigtaal</b>	Module word in Engels aangebied
<b>Akademiese organisasie</b>	Landbou-ekonomie, Voorligting
<b>Aanbiedingstydperk</b>	Semester 2

## Module-inhoud

\*Hierdie inligting is slegs in Engels beskikbaar.

The economics of natural resources. This course will introduce students to the techniques of optimisation overtime, optimal allocation and management of non-renewable and renewable resources, with case studies from Africa. The influence of property rights regimes on optimal natural resource use will also be stressed. The course consists of three main sections: Methods of dynamic optimisation; Theory of exhaustible and renewable resources and growth models; and Property rights and natural resource use with case studies from Africa.

## Parsiele ewewig model en kommoditeitsmark analise 820 (LEK 820)

<b>Modulekrediete</b>	15.00
<b>Diensmodules</b>	Fakulteit Ekonomiese en Bestuurswetenskappe
<b>Voorvereistes</b>	EKT 723 of LEK 810
<b>Kontaktyd</b>	1 praktiese sessies per week, 1 lesing per week
<b>Onderrigtaal</b>	Module word in Engels aangebied
<b>Akademiese organisasie</b>	Landbou-ekonomie, Voorligting
<b>Aanbiedingstydperk</b>	Semester 2



## Module-inhoud

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This module focuses on the modelling of agricultural commodity markets, price determination, policy and trade. The main objective is to provide the basic theoretical principles and skills for partial-equilibrium model building and an opportunity to apply these skills. The approach will include:

1) Economic theory: The theoretical foundations of each modelling component of a typical commodity balance sheet and set of prices will be emphasised in the design and specification of models; price formation and model closure under alternative equilibrium pricing conditions

2) Applied research: Advanced steps in modelling will be emphasised. Throughout the module, applied modelling research will be conducted and presented to gain experience with methods discussed in class. The course applies economic theory and quantitative methods to analyse food and agricultural markets, price, trade and policy issues. The module examines problem formulation, model structure, estimation, and model evaluation applied to demand and supply and to trade and policy interventions.



## Kurrikulum: Finale jaar

### Kernmodules

#### Skripsie: Landbou-ekonomie 898 (LEK 898)

<b>Modulekrediete</b>	120.00
<b>Diensmodules</b>	Fakulteit Ekonomiese en Bestuurswetenskappe
<b>Voorvereistes</b>	Geen voorvereistes.
<b>Onderrigtaal</b>	Aparte klasse vir Engels en Afrikaans
<b>Akademiese organisasie</b>	Landbou-ekonomie, Voorligting
<b>Aanbiedingstydperk</b>	Jaar

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 vertrou 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.