



# Universiteit van Pretoria Jaarboek 2017

## MScAgric Landbou-ekonomie (Gedoseer) (02255001)

**Duur van studie** 2 jaar

**Totale krediete** 180

### Programinligting

Hierdie inligting is slegs in Engels beskikbaar.

#### Residence

On the recommendation of the head of department, the Dean may set specific residential requirements for the MScAgric degree.

#### Renewal of registration

As long as progress is satisfactory, renewal of the registration of a master's student will be accepted for the second year of the study. Registration for a third and subsequent years will only take place when the Student Administration of the Faculty receives a written motivation which is supported by the head of department and Postgraduate Studies Committee.

#### Curriculum

Subject to programme-specific requirements, the curriculum for the MScAgric degree consists of the following:

- a. A dissertation; and
- b. Further study in the major subject/s, augmented by ancillary modules prescribed by the Postgraduate Studies Committee, on the recommendation of the head of department. Such ancillary modules may be taken simultaneously with the major subject/s. Candidates in possession of the BScAgricHons degree may be exempted from additional ancillary modules.

#### General

Candidates are required to familiarise themselves with the General Regulations regarding the maximum period of registration and the requirements on the submission of a draft article for publication.

### Toelatingsvereistes

- A BScAgric -graad met hoofvak in landbou-ekonomie en 60 % gemiddeld in die finale jaar.

### Eksamens en slaagvereistes

- i. The examinations in the ancillary modules should be successfully completed prior to, or simultaneously with, the examinations in the major subject/s, unless the Faculty Board decides otherwise.
- ii. General Regulation G.12.2 applies to the calculation of marks.



- iii. In order to obtain the MScAgric degree, the candidate must pass all prescribed modules, including the examination in the major subject/s, as well as the dissertation.



## Kurrikulum: Jaar 1

Minimum krediete: 180

### 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.

#### Ekonometrie 713 (EKT 713)

**Modulekrediete** 15.00

**Diensmodules** Fakulteit Natuur- en Landbouwetenskappe

**Voorvereistes** Slegs vir BComHons: Landbou-Ekonomie, Ekonometrie of Ekonomie studente

**Onderrigtaal** Module word in Engels aangebied

**Akademiese organisasie** Ekonomie

**Aanbiedingstydperk** Semester 1

#### Module-inhoud

\*Hierdie inligting is slegs in Engels beskikbaar.

An introductory yet comprehensive course in econometrics, encompassing an in-depth examination of elementary statistics and regression analysis. This includes the fundamentals of simple and multiple regression analyses, as well as estimation, inference and hypothesis testing. Considerable attention is devoted to practical applications on current economic issues and examples drawn from the applied economic literature.

#### Applied micro-economics 815 (LEK 815)

**Modulekrediete** 15.00

**Kontaktyd** 2 lesings per week, 1 praktiese sessie per week

**Onderrigtaal** Module word in Engels aangebied

**Akademiese organisasie** Landbou-ekonomie, Voorligting

**Aanbiedingstydperk** Semester 1



### Module-inhoud

Economic models and empirical applications in food demand and agricultural production, welfare economics, risk analysis, and industrial organisation as it relates to the agricultural and food industry.

### Production economics 811 (LEK 811)

**Modulekrediete** 15.00

**Kontaktyd** 2 lesings per week, 1 praktiese sessie per week

**Onderrigtaal** Module word in Engels aangebied

**Akademiese organisasie** Landbou-ekonomie, Voorligting

**Aanbiedingstydperk** Semester 2

### Module-inhoud

\*Hierdie inligting is slegs in Engels beskikbaar.

This module follows on the final-year module LEK 421 and is taught at the intermediate level and now moves beyond the single input production function to analysis with multi-variable functions. Detailed exposure to production, cost and profit functions, and the duality that exists between these is a core element of the module. The focus will also be on the implications of the properties for the economic behavior of agents. At the end of this module students will have complete competence in algebraically solving for the cost minimisation and profit maximisation problems. Themes covered in the module are: Properties of production functions. Economic theory of cost. Economic Theory of Profits. Duality between the cost and production functions. Duality between the profit and production functions. Applied topics.

### Ekonometrie 723 (EKT 723)

**Modulekrediete** 15.00

**Voorvereistes** Slegs vir Hons Ekonometrie of Ekonomie studente; EKT 713

**Onderrigtaal** Module word in Engels aangebied

**Akademiese organisasie** Ekonomie

**Aanbiedingstydperk** Semester 2

### Module-inhoud

\*Hierdie inligting is slegs in Engels beskikbaar.

An advanced course in econometrics that goes beyond elementary statistics and regression analysis. This includes in-depth analyses of the theory and application of stationarity, unit roots and co-integration in single equations. In addition to this, the concepts of qualitative analysis, cross-sectional modelling and simultaneous-equation modelling are dealt with.

### Applied econometrics 810 (LEK 810)

**Modulekrediete** 15.00

**Voorvereistes** LEK 725 of gelykwaardige module

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

Econometrics. Linear regression: assumptions of the linear regression model, OLS estimators and properties, hypothesis testing (single and multiple restrictions), forecasting, dummy variables. Violations of the linear model assumptions: multi-colinearity, heteroscedasticity, serial correlation and distributed lag models, (GLS estimators). Advanced topics: Quantitative response models (logit, tobit and probit analysis) co-integration, instrumental variables and 2-stage least squares.

## Mikro-ekonomie 780 (MIE 780)

**Modulekrediete** 15.00

**Diensmodules** Fakulteit Natuur- en Landbouwetenskappe

**Voorvereistes** Toelating tot betrokke program

**Onderrigtaal** Module word in Engels aangebied

**Akademiese organisasie** Ekonomie

**Aanbiedingstydperk** Semester 1

### Module-inhoud

\*Hierdie inligting is slegs in Engels beskikbaar.

The core concepts of microeconomic theory will be the focus of the module, including: demand and supply, consumer theory, firm theory, markets and market structure, general equilibrium, information economics and behavioural economics. Applications of this theory will feature prominently.



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## Kurrikulum: Finale jaar

**Minimum krediete: 120**

### Kernmodules

#### Miniverhandeling: Landbou-ekonomie 892 (LEK 892)

**Modulekrediete** 90.00

**Onderrigtaal** Module word in Engels aangebied

**Akademiese organisasie** Landbou-ekonomie, Voorligting

**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.