



Universiteit van Pretoria Jaarboek 2018

MSc Omgewing en Samelewing (Gedoseer) (02250403)

Minimum duur van studie 2 jaar

Totale krediete 180

Programinligting

Hierdie inligting is slegs in Engels beskikbaar.

The Centre for Environmental Studies is a graduate school for multidisciplinary training and research focusing on the environment. Training aims to satisfy the need for environmental professionals for implementing current environmental legislation as well as industry-driven environmental management systems.

The programme is coordinated by the Department of Geography, Geoinformatics and Meteorology.

The purpose of this focus area is to train environmental graduates who specialised in careers in the humanities. On completion of the training, candidates should be conversant and be able to partake in, or render advice concerning, all aspects involved in the management of human-environment interactions. This includes social impact assessments, policy formulation, social development and planning, participatory appraisal assessments, demographic pattern and trend interpretations, resource appraisals and management.

The MSc degree is conferred on the grounds of a dissertation and such additional postgraduate coursework as may be prescribed.

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 that is supported by the head of department and Postgraduate Studies Committee.

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.

Addisionele vereistes

Candidates must demonstrate proficiency in the English language up to the level required by either the TOEFL test (www.ets.org/toefl) or the IELTS language proficiency test (www.ielts.org).

Ander programspesifieke inligting

At least one additional elective module must be selected in consultation with the Director of the Centre and the

Head of the Department of Geography, Geoinformatics and Meteorology. Options will be based on the academic background and/or anticipated career of the candidate.

Bevordering tot volgende studiejaar

The progress of all master's candidates is monitored biannually by the supervisor and the postgraduate coordinator. A candidate's study may be terminated if the progress is unsatisfactory or if the candidate is unable to finish his/her studies during the prescribed period.

Subject to exceptions approved by the dean, on recommendation of the head of department, and where applicable, a student may not enter for the master's examination in the same module more than twice.

Slaag met lof

The MSc degree is conferred with distinction to candidates who obtain a final average mark of at least 75% and a mark of at least 75% for the dissertation/mini-dissertation from each of the members of the examination panel. Where a member of the examination panel awards a mark of less than 75% for the dissertation/mini-dissertation, that member of the examination panel must offer, in writing, support for his/her decision, or indicate in writing that he/she supports the examination committee's decision to confer the degree with distinction.



Kurrikulum: Jaar 1

Minimum krediete: 180

Kernmodules

Omgewing en Ontwikkeling 811 (ENS 811)

Module-inhoud:

Hierdie module fokus op die interaksie tussen sosiale en omgewingsdinamika. Dit dek aspekte van sosiale struktuur, kultuur, politiek, opvoeding, migrasie, produksie, stadsvorming, demografie en sosiale instellings en hul effek op die omgewing. Die materiaal sluit ook in die gevolg van impakte soos omgewingsverandering wat op hul beurt weer die samelewing beïnvloed. Die ontleding van komplekse verwantskappe tussen die samelewing en die omgewing, koppeling tussen die samelewing en omgewing en sinergistiese effekte tussen hierdie verskynsels.

| | |
|---------------------------|---|
| Modulekrediete | 15.00 |
| Voorvereistes | Geen voorvereistes. |
| Onderrigtaal | Module word in Engels aangebied |
| Departement | Geografie, Geoinformatika en Meteorologie |
| Aanbiedingstydperk | Jaar |

Strategiese omgewingsbestuur 822 (ENS 822)

Module-inhoud:

*Hierdie inligting is slegs in Engels beskikbaar.

Strategic environmental planning: introduction, objectives and principles; levels; South African overview; guidelines: national and international; strategy and management; structure, strategy and agency; South African guidelines; diagnostic tools; RESP analysis; strategic resource planning; applications, implementation and control; development and policy implementation; South African environmental policy; evaluation frameworks; portfolio analysis; competitive forces; alliances; business benefits; intangibles, survival and catalytic contributions; South African legislation and regulations.

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|---------------------------|--|
| Modulekrediete | 15.00 |
| Diensmodules | Fakulteit Regsgeleerdheid |
| Voorvereistes | Geen voorvereistes. |
| Kontaktyd | 2 besprekingsklasse per week, 5 lesings per week |
| Onderrigtaal | Module word in Engels aangebied |
| Departement | Geografie, Geoinformatika en Meteorologie |
| Aanbiedingstydperk | Jaar |



Omgewing en Grondhervorming 823 (ENS 823)

Module-inhoud:

*Hierdie inligting is slegs in Engels beskikbaar.

The need and purpose of land reform in South Africa and its contribution towards sustainable social-environmental interaction. An overview of the global variety of land tenure systems, and tenure reform programmes in other countries. Overview of previous systems of land tenure in South Africa. Land reform policy in South Africa: restitution, redistribution, and tenure reform. Critical assessment of progress in terms of land reform objectives. Evaluation of the contribution of the South African land reform programme towards creating sustainable environments.

| | |
|---------------------------|---|
| Modulekrediete | 15.00 |
| Voorvereistes | Geen voorvereistes. |
| Onderrigtaal | Module word in Engels aangebied |
| Departement | Geografie, Geoinformatika en Meteorologie |
| Aanbiedingstydperk | Jaar |

Sosiale modellering en bepaling 824 (ENS 824)

Module-inhoud:

*Hierdie inligting is slegs in Engels beskikbaar.

In this module students will be introduced to the various methods of modelling and assessing social impacts. Specific emphasis will be placed upon modelling societal-economic-environmental interactions, formulating stochastic and dynamic models of population-development-environment interactions, conducting research to determine possible impacts of environmental changes on communities and performing social impact surveys. Students will be introduced to both quantitative as well as qualitative methods of conducting social impacts assessments.

| | |
|---------------------------|---|
| Modulekrediete | 15.00 |
| Voorvereistes | Geen voorvereistes. |
| Kontaktyd | 5 besprekingsklasse per week |
| Onderrigtaal | Module word in Engels aangebied |
| Departement | Geografie, Geoinformatika en Meteorologie |
| Aanbiedingstydperk | Jaar |

Omgewingsparadigmas 810 (ENV 810)

Module-inhoud:

Omgewingsfilosofie en etiek. Omgewingsekologie, omgewing, gemeenskap en ontwikkeling, omgewingseconomie, kritiese hulpbronbestuur. Waterbenutting, lug-kwaliteitsbeheer, beplanning van



landbenutting. Kenmerke van grond. Beplanning van biodiversiteit. Determinisme versus ko-evolutionêre omgewingsraamwerke. Navorsings-metodologie en -praktyk.

| | |
|---------------------------|---------------------------------|
| Modulekrediete | 15.00 |
| Voorvereistes | Geen voorvereistes. |
| Kontaktyd | 5 besprekingsklasse per week |
| Onderrigtaal | Module word in Engels aangebied |
| Departement | Dierkunde en Entomologie |
| Aanbiedingstydperk | Semester 1 |

Omgewingsreg 816 (ENV 816)

Module-inhoud:

*Hierdie inligting is slegs in Engels beskikbaar.

Legislation for sustainable development within the framework of international agreements, the different acts affecting water quality and water use, the SEMAs within the NEMA framework, the NEMA EIA regulations, legislation pertaining to hazardous substances, interaction between mining development and NEMA, energy law, strategic environmental legislation, marine and coastal management.

| | |
|---------------------------|---|
| Modulekrediete | 15.00 |
| Diensmodules | Fakulteit Regsgeleerdheid |
| Voorvereistes | Geen voorvereistes. |
| Kontaktyd | 1 lesing per week, 2 praktiese sessies per week, 1 webgebaseerde periode per week |
| Onderrigtaal | Module word in Engels aangebied |
| Departement | Dierkunde en Entomologie |
| Aanbiedingstydperk | Semester 1 of Semester 2 |

Miniverhandeling 891 (ENV 891)

Module-inhoud:

*Hierdie inligting is slegs in Engels beskikbaar.

The student needs to conduct a research project under the supervision of an academic member of staff associated with the Centre for Environmental Studies. This project needs to be of a sufficient quality to be publishable in the open scientific literature. The research report is examined as a manuscript for a suitable journal.

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|-----------------------|---------------------------------|
| Modulekrediete | 90.00 |
| Voorvereistes | Geen voorvereistes. |
| Onderrigtaal | Module word in Engels aangebied |
| Departement | Dierkunde en Entomologie |



Aanbiedingstydperk Jaar

Omgewingsverandering 881 (OMS 881)

Module-inhoud:

Beginsels in omgewingsverandering: geomorfologie en omgewingsverandering, klimaatsverandering, omgewingsverandering en die impak daarvan op menslike bewoning, die menslike impak op omgewingsverandering, kontemporêre navorsing in omgewingsverandering.

Modulekrediete 15.00

Voorvereistes Geen voorvereistes.

Onderrigtaal Aparte klasse vir Engels en Afrikaans

Departement Geografie, Geoinformatika en Meteorologie

Aanbiedingstydperk Jaar



Kurrikulum: Finale jaar

Minimum krediete: 180

Kernmodules

Omgewing en Ontwikkeling 811 (ENS 811)

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Modulekrediete 15.00

Voorvereistes Geen voorvereistes.

Onderrigtaal Module word in Engels aangebied

Departement Geografie, Geoinformatika en Meteorologie

Aanbiedingstydperk Jaar

Strategiese omgewingsbestuur 822 (ENS 822)

Module-inhoud:

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Modulekrediete 15.00

Diensmodules Fakulteit Regsgeleerdheid

Voorvereistes Geen voorvereistes.

Kontaktyd 2 besprekingsklasse per week, 5 lesings per week

Onderrigtaal Module word in Engels aangebied

Departement Geografie, Geoinformatika en Meteorologie

Aanbiedingstydperk Jaar



Omgewing en Grondhervorming 823 (ENS 823)

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| Modulekrediete | 15.00 |
| Voorvereistes | Geen voorvereistes. |
| Onderrigtaal | Module word in Engels aangebied |
| Departement | Geografie, Geoinformatika en Meteorologie |
| Aanbiedingstydperk | Jaar |

Sosiale modellering en bepaling 824 (ENS 824)

Module-inhoud:

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| Modulekrediete | 15.00 |
| Voorvereistes | Geen voorvereistes. |
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| Onderrigtaal | Module word in Engels aangebied |
| Departement | Geografie, Geoinformatika en Meteorologie |
| Aanbiedingstydperk | Jaar |

Omgewingsparadigmas 810 (ENV 810)

Module-inhoud:

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| | |
|---------------------------|---------------------------------|
| Modulekrediete | 15.00 |
| Voorvereistes | Geen voorvereistes. |
| Kontaktyd | 5 besprekingsklasse per week |
| Onderrigtaal | Module word in Engels aangebied |
| Departement | Dierkunde en Entomologie |
| Aanbiedingstydperk | Semester 1 |

Omgewingsreg 816 (ENV 816)

Module-inhoud:

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|---------------------------|---|
| Modulekrediete | 15.00 |
| Diensmodules | Fakulteit Regsgeleerdheid |
| Voorvereistes | Geen voorvereistes. |
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| Onderrigtaal | Module word in Engels aangebied |
| Departement | Dierkunde en Entomologie |
| Aanbiedingstydperk | Semester 1 of Semester 2 |

Miniverhandeling 891 (ENV 891)

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| Voorvereistes | Geen voorvereistes. |
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| Departement | Dierkunde en Entomologie |



Aanbiedingstydperk Jaar

Omgewingsverandering 881 (OMS 881)

Module-inhoud:

Beginsels in omgewingsverandering: geomorfologie en omgewingsverandering, klimaatsverandering, omgewingsverandering en die impak daarvan op menslike bewoning, die menslike impak op omgewingsverandering, kontemporêre navorsing in omgewingsverandering.

Modulekrediete 15.00

Voorvereistes Geen voorvereistes.

Onderrigtaal Aparte klasse vir Engels en Afrikaans

Departement Geografie, Geoinformatika en Meteorologie

Aanbiedingstydperk 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.