

Besluit **Besluit strekkende tot het verlenen van accreditatie aan de opleiding wo-master Urban Environmental Management van Wageningen University**

Gegevens

datum	Naam instelling	:	Wageningen University
31 juli 2014	Naam opleiding	:	wo-master Urban Environmental Management (120 ECTS)
onderwerp	Datum aanvraag	:	14 december 2013
Besluit accreditatie wo-master	Variant opleiding	:	voltijd
Urban Environmental Management van Wageningen University (002341)	Afstudeerrichtingen	:	Environmental Economics and Natural Resources Environmental Policy Environmental Systems Analysis Environmental Technology Geo-information Science and Remote Sensing Land Use Planning Management Studies
uw kenmerk			
ons kenmerk	Locatie opleiding	:	Wageningen
NVAO/20142677/SL	Datum goedkeuren	:	
bijlagen			
3	panel	:	7 mei 2013
	Datum locatiebezoeken	:	22 en 23 mei 2014
	Datum visitatierapport	:	7 oktober 2013

Instellingstoets kwaliteitszorg : ja, positief besluit van 2 juli 2012

Beoordelingskader

Beoordelingskader voor de beperkte opleidingsbeoordeling van de NVAO (Stcrt. 2010, nr 21523).

Bevindingen

De NVAO stelt vast dat in het visitatierapport deugdelijk en kenbaar is gemotiveerd op welke gronden het panel de kwaliteit van de opleiding voldoende heeft bevonden.

Samenvatting bevindingen en overwegingen van het panel (hierna ook: the committee).

Standard 1: Intended learning outcomes

The domain of Environmental Sciences and initiatives towards establishing international benchmarks are described in the Dutch-Flemish referential framework for academic environmental education. The committee confirms that the framework is a solid basis for programmes in this discipline. It concluded that the learning outcomes of the framework were really well articulated. The learning outcomes of the programme could be formulated better. The master programme in Urban Environmental Management aims at equipping its students with the outlook, concepts and tools to manage the urban environment. The programme unites four essential perspectives on the urban environment: environmental quality and health, environmental infrastructure and technology, spatial planning, and governance. In the committee's opinion, there is a good balance between depth and breadth in the programme.

The committee is also pleased with the balance between natural and social sciences.

The programme intends to train students to become independent researchers on the one hand and to become proficient in urban environmental management or consultancy on the other. The committee appreciates this combination. It concluded that research and consultancy-oriented skills are well balanced in the programme.

Standard 2: Teaching-learning environment

The programme consists of a two-year programme with four types of building blocks: regular courses, Academic Master Cluster, academic internship and thesis. The four core perspectives of the programme are urban environmental quality and health, urban environmental technology, urban governance, and urban planning. Thesis research can be done at one of seven Chair Groups. Although all thesis tracks are considered to be relevant, the committee wonders if the large number of tracks should be retained.

In the academic years 2009/2010 and 2010/2011, radical changes were implemented in the curriculum. The committee appreciates the way the programme discussed its future and finds that the changes made have worked out very well.

Wageningen University aims to offer programmes with an interdisciplinary approach. This was evident at the course level, but not at the programme level. The committee had difficulty identifying this educational philosophy as a specific didactical concept. The committee advises formulating an overarching didactical concept on the programme level.

The programme offers teaching methods that can be clustered into lectures, tutorials, practical training, group work, individual papers, and field trips. Group work plays an important role in the programme. The committee is impressed by the variety of teaching methods. However, it warns about an excess of group work. Although it recognises the importance of group work, in its opinion this partly influences the depth of the courses. Therefore, it recommends searching for a balance between group work and other teaching methods. All of the professors involved in the programmes (chair holders, personal, associate, assistant and special professors) have a PhD degree and are involved in the current research activities of the departments. In addition, designated researchers and lecturers are involved in the programmes. The committee recognises the staff's scientific quality, national and international academic reputation and teaching experience. However, it noted that the number of staff members who have obtained a basic educational qualification (BKO) is quite low (24%). The committee advises staff members to obtain their BKO as soon as possible. Study advisers support students to make well-considered choices within their individual programmes, and they track and stimulate study progress. The master

Pagina 3 van 7 programme in Urban Environmental Management has two study advisers. The committee greatly appreciates the support and guidance the student advisers offer to their students. However, it established that their workload is high. As their position is crucial, the committee advises reducing their workload.

Standard 3: Assessment and achieved learning outcomes

The most common forms of assessment are written examinations with open questions, assessments of individual papers, group papers or other submitted assignments, and assessments of performance during practical training. Most courses include more than one assessment to cover all learning outcomes.

The committee established that the exams were very objective and traceable assessments and at the appropriate level. They related well to the learning objectives of the courses they assessed. The thesis is considered the core element of the master programme. The committee assessed ten theses from the master programme in Urban Environmental Management. On average, the theses were of good quality. According to the committee there was a large level of ambition expressed in them. However, it noted that a proper problem definition was missing in a significant number of the theses studied. It believes that students need more instructions or guidance in this part of the research project.

The Board of Examiners consists of seven persons and covers five bachelor programmes and eleven master programmes. In the committee's view, the workload of the Board of Examiners is too high, due to the number of programmes and the number of electives in the programmes.

General conclusion

The committee concludes that the objectives and intended learning outcomes of the master programme in Urban Environmental Management meet the standards required for an academic programme. It is of the opinion that the content and structure of the curriculum, the available staff, and the facilities constitute a coherent, attractive teaching-learning environment for the students. The programme has an adequate assessment system and demonstrates that the intended learning outcomes are achieved. The quality of the theses is good.

Aanbevelingen

De NVAO onderschrijft de aanbevelingen van het panel, in het bijzonder de aanbevelingen gericht op het verhogen van het percentage van de docenten in het bezit van een Basiskwalificatie Onderwijs (BKO) en op kwaliteitsverbetering van probleemstellingen in theses.

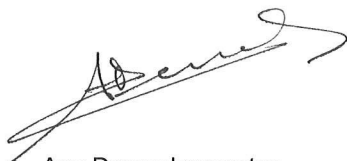
Ingevolge het bepaalde in artikel 5a.10, derde lid, van de WHW heeft de NVAO het college van bestuur van de Wageningen University te Wageningen in de gelegenheid gesteld zijn zienswijze op het voornemen tot besluit van 10 juni 2014 naar voren te brengen. Van deze gelegenheid is geen gebruik gemaakt.

De NVAO besluit accreditatie te verlenen aan de wo-master Urban Environmental Management (120 ECTS; variant: voltijd; locatie: Wageningen) van de Wageningen University te Wageningen. De opleiding kent de volgende afstudeerrichtingen: Environmental Economics and Natural Resources; Environmental Policy; Environmental Systems Analysis; Environmental Technology; Geo-information Science and Remote Sensing; Land Use Planning; Management Studies. De NVAO beoordeelt de kwaliteit van de opleiding als voldoende.

Dit besluit treedt in werking op 31 juli 2014 en is van kracht tot en met 30 juli 2020.

Den Haag, 31 juli 2014

De NVAO
Voor deze:

A handwritten signature in black ink, appearing to read 'Ann Demeulemeester', written over a horizontal line.

Ann Demeulemeester
(vicevoorzitter)

Tegen dit besluit kan op grond van het bepaalde in de Algemene wet bestuursrecht door een belanghebbende bezwaar worden gemaakt bij de NVAO. De termijn voor het indienen van bezwaar bedraagt zes weken.

Standaard	Omschrijving	Score
1. Beoogde eindkwalificaties	De beoogde eindkwalificaties van de opleiding zijn wat betreft inhoud, niveau en oriëntatie geconcretiseerd en voldoen aan internationale eisen	Voldoende
2. Onderwijsleeromgeving	Het programma, het personeel en de opleidingsspecifieke voorzieningen maken het voor de instromende studenten mogelijk de beoogde eindkwalificaties te realiseren	Voldoende
3. Toetsing en gerealiseerde eindkwalificaties	De opleiding beschikt over een adequaat systeem van toetsing en toont aan dat de beoogde eindkwalificaties worden gerealiseerd	Voldoende
Eindoordeel		Voldoende

De standaarden krijgen het oordeel onvoldoende, voldoende, goed of excellent.
Het eindoordeel over de opleiding als geheel wordt op dezelfde schaal gegeven.

Tabel 1: Rendement.

Cohort	2009	2010	2011
Rendement	70%	80%	90%

Tabel 2: Docentkwaliteit.

Graad	Ma	PhD	BKO
Percentage	6%	89%	24%

Tabel 3: Student-docentratio.

Ratio	13,4
--------------	------

Tabel 4: Contacturen.

Studiejaar	1	2
Contacturen	16,2	1,0

- Prof. W.A. Hafkamp, Chair, Professor in Environmental Economics, Erasmus University Rotterdam;
- Prof. I. Janssens, Research Professor at the University of Antwerp, affiliated to the research group of Plant and Vegetation Ecology;
- Prof. A. Jamison, Professor in Technology, Environment and Society, Aalborg University, Denmark;
- Prof J. Monstadt, Professor in Spatial and Infrastructure Planning, Darmstadt University of Technology, Germany;
- L.H.A. van der Sanden, Master Student in Social and Political Sciences of the Environment, Radboud University Nijmegen.

Het panel werd ondersteund door dr. A. Venemans, secretaris (gecertificeerd).