

Besluit **Besluit strekkende tot het verlenen van accreditatie aan de opleiding wo-master Econometrics and Management Science van de Erasmus Universiteit Rotterdam**

Gegevens

datum	Naam instelling	: Erasmus Universiteit Rotterdam
30 november 2017	Naam opleiding	: wo-master
onderwerp		Econometrics and Management Science (60 EC)
Besluit	Datum aanvraag	: 26 april 2017
accreditatie wo-master	Variant opleiding	: voltijd
Econometrics and Management Science van de Erasmus Universiteit Rotterdam (005664)	Afstudeerrichtingen	: Business Analytics and Quantitative Marketing; Econometrics; Operations Research and Quantitative Logistics; Quantitative Finance
uw kenmerk	Locatie opleiding	: Rotterdam
CvB/AZ/HB/273.679	Datum goedkeuren	
ons kenmerk	panel	: 12 november 2016
NVAO/20173129/LL	Datum locatiebezoeken	: 1 en 2 december 2016
bijlagen	Datum visitatierapport	: 6 maart 2017
2	Instellingstoets kwaliteitszorg	: ja, positief besluit van 17 oktober 2013

Beoordelingskader

Beoordelingskader voor de beperkte opleidingsbeoordeling van de NVAO (Stort. 2014, nr 36791).

Bevindingen

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

Advies van het visitatiepanel

Samenvatting bevindingen en overwegingen van het panel.

In this executive summary, the panel presents the main considerations which have led to the assessment of the quality of the programme Master Econometrics and Management

Pagina 2 van 6 Science of Erasmus University Rotterdam, which has been assessed according to the NVAO Assessment Framework.

The panel observes programme management has taken a wide range of measures in response to the recommendations made in the previous external assessment in 2009 and in the internal evaluation in 2012. Programme management has, among others, revised the programme intended learning outcomes, installed an Advisory Board and redesigned the Examination Board responsibilities.

The panel approves of the objectives of the programme, to educate students in one of the sub-domains of the econometrics discipline, to teach them thoroughly academic research knowledge and skills and to train them to acquire professional skills. The panel is especially positive about the strong research orientation of the programme. The panel supports the intentions of programme management to prepare students for positions in the labour market and welcomes the specialisations which are offered in the programme.

The panel studied the intended learning outcomes of the programme and observes these to meet the programme objectives, exhibiting in-depth and systematic knowledge and understanding of the specialisation students have chosen, thorough academic research competencies, and a range of professional skills. In the panel's view, the learning outcomes are consistent with the domain-specific reference framework, which was drafted by Erasmus School of Economics and the economics programmes of Vrije Universiteit Amsterdam and of Wageningen University. In addition, the learning outcomes correspond to the master level requirements of the programme.

The panel feels the involvement of the professional field through the Advisory Boards of the specialisations within the programme is satisfactory and is helpful in aligning the programme with the professional field requirements.

The admission requirements and processes are well designed and strict, allowing only students in, who may be regarded to have the capacities to complete the programme. The panel is positive about the pre-master programme for students with deficiencies.

The curriculum reflects all of the intended learning outcomes of the programme adequately and evenly. The panel considers the curriculum to be very well designed and effective in teaching students in-depth the theory of the specialisation they have chosen and the quantitative skills needed to model and address problems in the field of their specialisation. In addition, students are offered ample opportunities to address real-life problems. The students with whom the panel met, expressed to be very positive about the curriculum contents and about the relation to the professional practice.

The panel approves of the educational principles and the study methods of the programme, as they foster the students achieving the intended learning outcomes. Students and lecturers expressed being positive about the small-scale dimension of the programme. The panel welcomes the steps Erasmus School of Economics takes to ensure small-scale teaching, even in relatively large-scale specialisations.

Programme management has taken measures to raise the student success rates. The panel regards the student success rates to be appropriate and encourages programme management to try and raise these further. The panel recommends to improve the

Pagina 3 van 6 information provided to the students. The School uses various platforms (Blackboard, Sin-online, Osiris), which is not very transparent for students.

The panel is very positive about the lecturers' research track records. The panel also approves of their educational capabilities, as may be deduced from the proportion of lecturers holding the BKO-certificate.

The panel approves of the examination and assessment policies and rules and regulations of the Erasmus School of Economics, in force for this and the other programmes of the School. They ensure the validity of the examinations, the reliability of the assessments, the competencies and expertise of examiners and the transparency of the examination processes. The Examination Board works along the lines as intended by Dutch applicable law. The Board monitors the examination and assessment processes, analyses the examinations and regularly inspects the theses.

The panel considers the examination methods to be adequate. The diversity of examination methods in courses and across courses allows for the assessment of both knowledge and skills, relevant to the programme.

The thesis process is satisfactorily organised, especially since the Thesis Workflow System has been implemented. The panel recommends, however, to inform students more clearly and more comprehensively about the thesis process and the thesis assessment. The assessment of the theses is a reliable process, as two examiners are involved and sound assessment forms with relevant assessment criteria are used. The panel recommends considering to use weighted criteria in the thesis assessment.

The panel regards the examinations of the courses to be challenging and to definitely meet the courses' learning goals. Students will have achieved most of the programme intended learning outcomes, if they have passed all of these examinations.

The average grade of the theses in 2014 – 2015 is 7.8. The panel studied six theses of students in the programme. These theses are assessed by the panel to be at least satisfactory and some of them to be very good. Generally, the panel would have given somewhat higher grades than the programme examiners.

Graduates have very good career perspectives and tend to find suitable and well-paid positions relatively shortly after their graduation.

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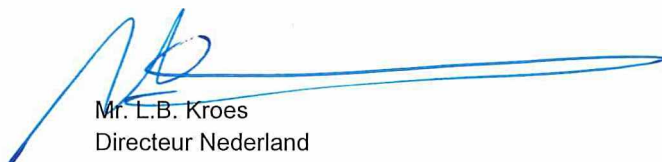
Ingevolge het bepaalde in artikel 5a.10, derde lid, van de WHW heeft de NVAO het college van bestuur van de Erasmus Universiteit Rotterdam te Rotterdam in de gelegenheid gesteld zijn zienswijze op het voornemen tot besluit van 13 november 2017 naar voren te brengen. Van deze gelegenheid heeft het college van bestuur geen gebruik gemaakt.

De NVAO besluit accreditatie te verlenen aan de wo-master Econometrics and Management Science (60 EC; variant: voltijd; locatie: Rotterdam) van de Erasmus Universiteit Rotterdam te Rotterdam. De opleiding kent de volgende afstudeerrichtingen: Business Analytics and Quantitative Marketing; Econometrics; Operations Research and Quantitative Logistics; Quantitative Finance. De NVAO beoordeelt de kwaliteit van de opleiding als goed.

Dit besluit treedt in werking op 30 november 2017 en is van kracht tot en met 29 november 2023.

Den Haag, 30 november 2017

Namens het bestuur van de NVAO
Voor deze,



Mr. L.B. Kroes
Directeur Nederland

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.

Onderwerp	Standaard	Beoordeling door het panel
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.	Goed
3. Toetsing	De opleiding beschikt over een adequaat systeem van toetsing.	Voldoende
4. Gerealiseerde eindkwalificaties	De opleiding toont aan dat de beoogde eindkwalificaties worden gerealiseerd.	Goed
Eindoordeel		Goed

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

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- Prof. dr. T.J. Wansbeek, emeritus hoogleraar Statistiek en Econometrie, Rijksuniversiteit Groningen (voorzitter);
- Prof. dr. J. Hartog, emeritus hoogleraar Micro-economie met aanstelling als gast-onderzoeker, Universiteit van Amsterdam (panellid);
- Prof. dr. R. Kabir, hoogleraar en leerstoelhouder Corporate Finance and Risk Management, Universiteit Twente (panellid);
- S.M. van den Hoek, student Bachelor Fiscale Economie, Universiteit van Amsterdam (student-lid).

Het panel werd ondersteund door drs. W. Vercouteren RC, secretaris (gecertificeerd).