

Besluit

Besluit strekkende tot het verlenen van accreditatie aan de opleiding wo-bachelor Econometrie en Operationele Research van de Erasmus Universiteit Rotterdam

Gegevens

datum	Naam instelling	: Erasmus Universiteit Rotterdam
30 november 2017	Naam opleiding	: wo-bachelor
onderwerp		Econometrie en Operationele Research (180 EC)
Besluit	Datum aanvraag	: 26 april 2017
accreditatie wo-bachelor	Variant opleiding	: voltijd
Econometrie en Operationele	Locatie opleiding	: Rotterdam
Research van de Erasmus	Datum goedkeuren	
Universiteit Rotterdam	panel	: 12 november 2016
(005661)	Datum locatiebezoeken	: 1 en 2 december 2016
uw kenmerk	Datum visitatierapport	: 6 maart 2017
CvB/AZ/HB/273.679	Instellingstoets kwaliteitszorg	: ja, positief besluit van 17 oktober 2013
ons kenmerk		
NVAO/20173129/LL		
bijlagen		

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Beoordelingskader

Beoordelingskader voor de beperkte opleidingsbeoordeling van de NVAO (Stcrt. 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 Bachelor Econometrics and Operations Research of Erasmus University Rotterdam, which has been assessed according to the NVAO Assessment Framework.

Pagina 2 van 6 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 intended learning outcomes, intensified study guidance, introduced more variation in examination methods and redesigned the Examination Board responsibilities.

The panel regards the programme to be focused on teaching students the fundamentals of econometrics and operations research, and more advanced knowledge in one of the sub-disciplines. The programme objectives are to train students thoroughly in econometrics and the constituting disciplines of economics, mathematics and statistics and in the application of mathematical and statistical methods and techniques to model economic reality and solve economic problems. The panel welcomes the two tracks of the programme, allowing students to opt for education in Dutch or in English. The major specialisations enable students to prepare for master specialisations of Erasmus School of Economics or programmes of other institutions. The panel is equally positive about the double degree programme, since this offers students the opportunity to complete both the Bachelor Econometrics and Bachelor Economics programmes in only four years.

The programme intended learning outcomes meet the programme objectives, exhibiting, among others, disciplinary knowledge and understanding of econometrics and mathematical decision-making, research competencies, analytical and problem-solving skills and professional skills. In the panel's opinion, 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, and correspond to the bachelor level programme requirements. The panel considers the programme learning outcomes to adequately prepare students for master programmes in this domain as well as for junior positions in the labour market.

The panel feels the involvement of the professional field through the Advisory Boards of the Erasmus School of Economics master programmes is satisfactory, as the School's programme management will direct relevant recommendations to this bachelor programme.

The admission requirements and processes, such as the study check procedures, are adequate. The emphasis on mathematical skills is for this programme very appropriate for admission.

The curriculum reflects the programme intended learning outcomes adequately. The curriculum is very well designed, coherent and effective in teaching students the fundamentals of the econometrics domain, the basics of the constituting economics, statistics and mathematics disciplines and academic and research skills. Supporting programme management plans, the panel advises to intensify the students' skills training. In addition, the panel recommends to try and create more opportunities for exchange.

The panel approves of the educational principles and the study methods of the programme, as they foster students achieving the intended learning outcomes. Although the student-to-staff ratio is less favourable in the Dutch track, students and lecturers are positive about the programme's small-scale dimension. The panel welcomes the Tutor Academy as an effective means to deploy more teaching capacity.

Pagina 3 van 6 Programme management has taken important steps to raise the student success rates. The panel regards these to be appropriate. The panel recommends to improve the information provided to the 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 is positive about 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 approves of the examination methods. 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. This will be further improved, when the Thesis Workflow System is 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 regards the examinations of the courses to be challenging and to definitely meet the courses' learning goals.

The panel studied six theses of students in the programme. These theses are assessed by the panel to be at least satisfactory, while some of these are assessed to be very good. For some of the theses, the panel would have given higher grades than the programme examiners had done. The panel is very content with the quality of the theses and the level achieved by the graduates. In the international track, the proportion of students graduating cum laude is impressive.

Pagina 4 van 6 **Besluit**

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-bachelor Econometrie en Operationele Research (180 EC; variant: voltijd; locatie: Rotterdam) van de Erasmus Universiteit Rotterdam te Rotterdam. 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.

Pagina 6 van 6 **Bijlage 2: panelsamenstelling**

- 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).