

## Besluit **Besluit strekkende tot het verlenen van accreditatie aan de opleiding wo-bachelor Informatiekunde van de Universiteit van Amsterdam**

	<b>Gegevens</b>	
<b>datum</b>	Naam instelling	: Universiteit van Amsterdam
31 juli 2014	Naam opleiding	: wo-bachelor Informatiekunde (180 ECTS)
<b>onderwerp</b>	Datum aanvraag	: 10 december 2013
Besluit accreditatie wo-bachelor	Variant opleiding	: voltijd
Informatiekunde van de	Locatie opleiding	: Amsterdam
Universiteit van Amsterdam	Datum goedkeuren	
(002302)	panel	: 7 juni 2013
<b>uw kenmerk</b>	Datum locatiebezoek	: 25 juni 2013
--	Datum visitatierapport	: oktober 2013
<b>ons kenmerk</b>	Instellingstoets kwaliteitszorg	: ja, positief besluit van 10 juni 2013
NVAO/20142402/SL		
<b>bijlagen</b>		
3	<b>Beoordelingskader</b>	
	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.

### **Advies van het visitatiepanel**

Samenvatting bevindingen en overwegingen van het panel.

The programme management has taken up the suggestions for improvement, made in the course of the previous accreditation procedure in 2007. The position and role of the economics, business and social sciences disciplines have been clarified, the relation with the professional field has been intensified and the evaluations' mechanisms have been strengthened, following the Faculty of Science's guidelines.

The panel considers the programme's objectives to be adequate, as these address both the domain-specific knowledge and skills and the academic and research skills, which are considered relevant for the graduates of an information studies bachelor's programme. The programme objectives meet the requirements of the international ACM-AIS model curriculum, which ensures that these objectives reflect contemporary international domain-

Pagina 2 van 7 specific requirements of the information studies field. Although the programme management articulates not to assent to the Web-Science curriculum but only wants to incorporate specific topics of this curriculum, like datamining, crowd sourcing and image retrieval, the panel would advise to be cautious about implementing this curriculum or parts thereof and to avoid diverging from the ACM-AIS model curriculum, in particular to avoid excluding core courses of the ACM-AIS model curriculum.

The intended learning outcomes of the programme are appropriate representations of the programme's objectives, specifying the required domain-specific knowledge as well as the research and academic skills of the graduates. The intended learning outcomes meet external frameworks like the ACM-AIS curriculum as well as the Dublin-descriptors. The panel considers the learning outcomes to fully comply with the requirements of a bachelor's level programme. The profile of the programme is satisfactory addressing the core information studies disciplines, being, technology, social sciences and economics and aiming at an interdisciplinary approach of information studies subjects. The programme management, adequately, prepares the graduates for master's programmes in the information studies field and, also, monitors developments in the labour market to see if graduates may obtain positions there.

The panel considers the entry requirements for the programme to be relevant and the admission process to be well-organized. The programme management approaches the admission process very seriously, as the removal of a newly introduced standardized test demonstrates.

All of the intended learning outcomes have been appropriately covered in the curriculum. The course contents are adequate and of academic bachelor's level. The curriculum, being organized in five components, adequately addresses knowledge about technology, human factors and organizational aspects and also includes the integration of these disciplines. The students are offered a multidisciplinary perspective on information field subjects and problems. The panel is satisfied the programme management does not want to decrease the weight of the economic and business administration aspects in the curriculum and recommends to maintain this policy. Although the general academic skills, research skills and the modeling and design skills are addressed in the curriculum, the first two could be strengthened.

With regard to the general academic skills, the panel recommends to reinforce the project management and consultancy skills of the students. With respect to the research skills, the panel advises to strengthen the research-oriented attitude of the students. The professional practice is satisfactorily covered in the curriculum but the relations with the professional field could be intensified. The coherence of the curriculum is satisfactory in terms of design, but requires further implementation. The programme management adequately improves the curriculum and keeps the course contents up-to-date.

The lecturers in the programme are considered well positioned to convey relevant and in-depth knowledge and skills to the students, drawing upon their strong research background. All of the lecturers are active researchers in their fields. The educational skills of the lecturers are up-to-standard, as may be deduced from the substantial number of lecturers who will have a BKO-certificate from the year 2013/2014 onwards.

Pagina 3 van 7 In the opinion of the panel, the educational model of the programme and the matching study methods, encourage students to actively engage in their learning processes, to take part in group learning and to direct their own learning processes. The information provision and the study guidance are adequate. The lecturers, student mentors and student advisor all contribute to accomplish a good study guidance system. The students have also expressed their appreciation of these aspects. The panel advises to increase the number of contact hours as well, as this may improve the programme. The panel is positive about the housing and the material facilities for the programme and is, also, positive about the formal and informal evaluation mechanisms the programme management has put in place.

The panel regards the assessment policy of the programme to be appropriate, the regulations being in line with the University's and Faculty's policy. The programme's board of examiners monitors appropriately the quality of the examinations as well as the quality and the level of the bachelor theses. Not only does the board of examiners study, randomly, examinations and bachelor theses but members of the board attend bachelor thesis defenses as well. The examination methods which the programme management has chosen (being written examinations, presentations, essays and reports) are valid methods to test the students' results. The panel has studied the examinations and has found the quality and level to be appropriate, meeting the learning objectives of the courses. The programme management is taking appropriate measures to improve the transparency, validity and reliability of the examinations. Peer- reviews of the examinations and the assessment schemata are proper instruments to ensure the quality and level of the examinations. The panel adds that in a number of cases, the assessment results were not available within the required time-frame.

The panel regards the bachelor thesis project process to be well-organized. During the thesis process meetings between the students and their supervisors are scheduled. The assessment of the theses is appropriate. The assessment criteria are relevant and the assessment process, implying the assessment by two qualified examiners is up-to-standard.

The panel finds the quality of the theses satisfactory and, in some cases, good or even very good. In fact, no thesis was found to be unsatisfactory. The contents of the theses are relevant for the information studies field. The scientific structure and quality, including the research problem statements and the methodology, are up-to-standard. The level of complexity of the theses meets the requirements of a thesis at bachelor's level. The panel considers the graduates to be well-prepared for completing a master's programme in the information studies field.

### **Aanbevelingen**

De NVAO onderschrijft de aanbevelingen van het panel om verdere aanscherping van de academische en onderzoeksvaardigheden in het programma en het verhogen van het huidige aantal van 25 % BKO-gecertificeerde docenten.

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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 Universiteit van Amsterdam te Amsterdam in de gelegenheid gesteld zijn zienswijze op het voornemen tot besluit van 26 mei 2014 naar voren te brengen. Bij e-mail van 1 juli 2014 heeft de instelling ingestemd met het voornemen tot besluit

De NVAO besluit accreditatie te verlenen aan de wo-bachelor Informatiekunde (180 ECTS; variant: voltijd; locatie: Amsterdam) van de Universiteit van Amsterdam te Amsterdam. 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:

  
  
Dr. A.H. Flierman  
(voorzitter)   
(bestuurder)

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

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

**Tabel 1: Uitval na 1, 2, en 3 jaar.**

Cohort	2006	2007	2008	2009	2010	2011
Uitval na 1jr	35%	44%	8%	33%	22%*	
Uitval na 2jr	53%	50%	8%	33%*		
Uitval na 3jr	59%	50%	8%*			

\*Voorlopige cijfers op peildatum 1 oktober

**Tabel 2: Rendement (vwo-instroom).**

Cohort	2006	2007	2008	2009
Rendement na 3 jaar	9%	10%	58%	
Rendement na 4 jaar	18%	50%		
Rendement na 5 jaar	36%			
Rendement na 6 <sup>(+)</sup> jaar				

**Tabel 3: Rendement (totale instroom).**

Cohort	2006	2007	2008	2009
Rendement na 3 jaar	9%	4%	26%	
Rendement na 4 jaar	13%	26%		
Rendement na 5 jaar	22%			
Rendement na 6 <sup>(+)</sup> jaar				

**Tabel 4: Docentkwaliteit.**

Graad	Ma	PhD	BKO
Percentage	81%	52%	25%

**Tabel 5: Student-docentratio.**

Ratio	23,15:1
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**Tabel 6: Contacturen.**

Studiejaar	1	2	3
Contacturen	14.9	9.9	9.6

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- Prof. E.W. Berghout Ph.D., panel chair, professor of Information Systems at University of Groningen;
- Prof. W. Van Grembergen Ph.D., panel member, professor of Information Systems at University of Antwerp and executive professor at Antwerp Management School;
- Prof. A. Nijholt Ph.D., panel member, professor of Human-Computer Interaction at University of Twente;
- Y. Oualhadj, student member, studying the master programme Dutch Language and Culture at Leiden University.

Het panel werd ondersteund door W. Vercoeteren MSc, secretaris (gecertificeerd).