Maastricht University in Learning!

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Berlin 26-05-09





purposes of the universities Aristoteles

Learning produce learned men and women

advancement of knowledge

Virtue educate in virtue

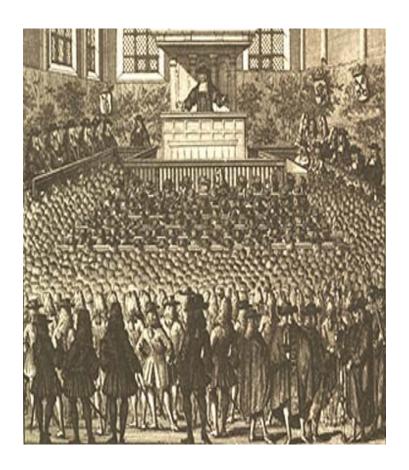
code of social, moral and religious conduct

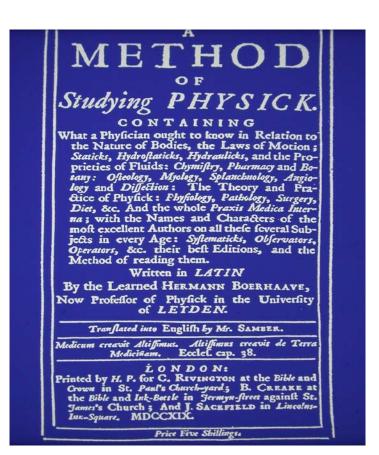
Utility satisfy material needs of society

training for high office or profession

Rüegg W. A history of the University in Europe. Cambridge University Press, 1996.

Boerhaave Europa





Research based university

von Humboldt Bildung

Wissenschaft

Lehrfreiheit

Lernfreiheit

Clark W. Academic Charisma and the Origins of the Research University University of Chicago Press, 2006

Balance research-based and learning based university

Academic charisma is: published papers

earning power

public relations

Professors not professing

Academic "career" in education?

University ranking based on research outcome



Staff	3500
Scientific staff	1900
International staff	30 %
Students International	13.000 39 %
Annual enrolment International	4700 47 %
Exchange students	In 6 % Out 11 %

Problem Based Learning
International orientation
Multidisciplinary research



Health, Medicine and Life Sciences

Humanities and Sciences

University College Maastricht

Maastricht Graduate School of Governance

Department Knowledge Engineering



Psychology and Neuroscience

Law

Arts and Social Sciences

Economics and Business Administration



Bachelor programmes

Health Care

Health Sciences
European Public Health
Medicine (Dutch)
Molecular Life Sciences

Natural Sciences

Knowledge Engineering / Computer Science

Law

European Law School Tax Law (Dutch) Dutch Law (Dutch)

Economics and Business

Econometrics and Operations Research Economics

Fiscal Economics (Dutch)
International Business

Behaviour and Society:

European Studies Psychology (Dutch) University College Maastricht

Language and Culture:

Arts and Culture



Master programmes



45 master programmes

Leading to MA, MSc, Mphil or LLM

English as language of instruction

Connected to research programmes

Direct admission to PhD

High employability



Problem based learning

- Student-centred, active learning
- Co-operation in small groups (e.g.tutorial groups)
- Problem-based, project-based and patient-based
- Clinical skills training throughout the curriculum
- Thematic, multidisciplinary curriculum
- Gradual transition from theoretical learning to clinical training
- Assessment is learning progress test
- Promotion of students' professional behaviour
- Student mentoring and counselling

Davies Ph. Medical Teacher 2000; 22:14-21.



FHML facts and figures medicine 2008

Students	medicine	2015		
Staff fte	academic	822	professor Phd	118 282
	non academic	492	THO	202
Budget	total education	140 m€ 21 m€		



Problem based learning FHML

Faculty design

small group tutorial rooms ICT wireless Skills lab PBL based library

Faculty Staff

Central educational institute 45 fte Student/staff ratio 17:1 Professor/Associate Education 5

Research in education SHE

(School for Health professional Education)



Efficiency educational program medicine

Students 2000

- annual intake 340

- international 25 in/354 out

- / 35/65

Performance

- propaedeutics at 2 y 93 %

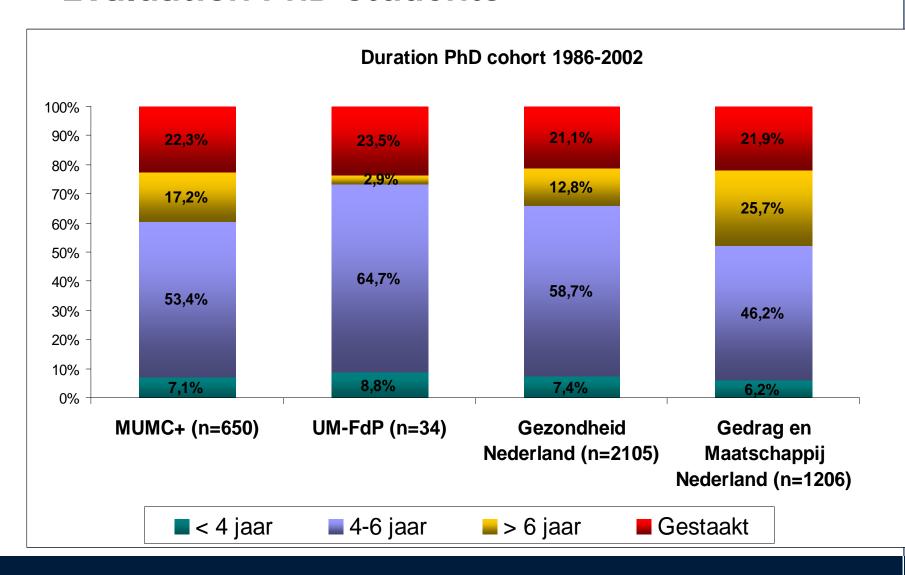
- graduate 92 %

- final exam medicine (mean) 6.3 y

Staff Education 145 fte (109/36)

Budget 20.9 M€

Evaluation PhD students



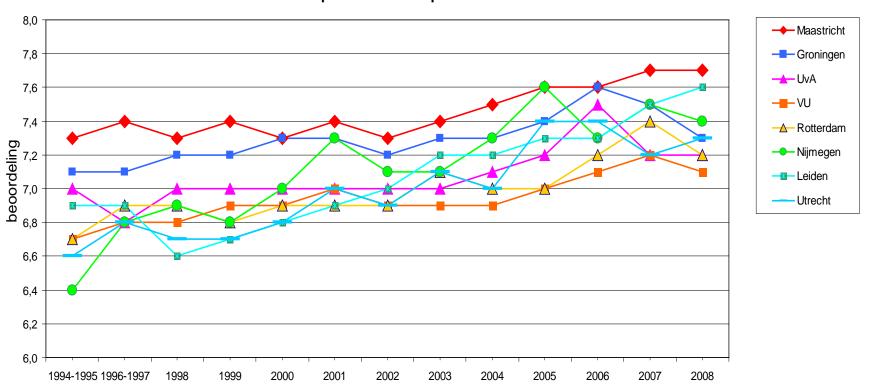


Follow up alumni ROA

Cohort	91	01	
Working	88	99 %	
medical practice	94	99	
job satisfaction	88	93	
outside region	67	60	
Knowledge		76	
Skills		84	
Again MF-UM	78	80	
Again MF-UM	/8	80	

Student questionnaire

Elsevier/NIPO-enquête 1994-2008 per faculteit Geneeskunde



CHE 2009 Faculty of Medicine Maastricht University

Betreuung durch Lehrende 🗩	2,3	
Betreuung im Patienten-Unterricht Ø	1,8	
Kontakt zu Studierenden Ø	1,7	
Lehrangebot Ø	2,1	
Forschungsbezug Ø	2,4	
Studienorganisation Ø	2,2	
Praxisbezug Ø	1,8	
Berufsbezug Ø	2,4	
Verzahnung Vorklinik-Klinik Ø	1,5	
Einbeziehung in Lehrevaluation Ø	2,0	
E-Learning D	2,5	
Bibliotheksausstattung Ø	2,2	8
Räume D	1,8	
Behandlungsräume @	1,9	
Laborausstattung Ø	1,9	
Skills Labs @	1,8	
IT-Infrastruktur Ø	2,3	0
Unterstützung für Auslandsstudium 👂	2,3	
Studiensituation insgesamt Ø	1,9	



CHE Ranking 2009

Education quality (10 parameters)

Proximity to center defines top ranking



education focus on quality

Students

portfolio mentorship selection top 10%

decentral selection graduate entry program

year 1

honours

student fellowship year 4/6

Staff

evaluation tutors pc edi/discipl teacher professionalism planning career assistent professor program

teach the teacher faculty

affiliatiated hospitals

FHML development education

Honoursprogramme

Masters MLS combination Bio-medical researchmasters
Researchmaster Cardiovascular biology and medicine
Researchmaster Nutrition and Metabolism

Medicine 4 year graduate entry programme

Sholarship Programme medicine Saudi Arabia

TUFH international network medical education

Output scientific research

2007

Wi-1 publications

1524

i.f. 3-5

388

5 - 10

229

> 10

44

PhD Thesis

125

Balance research-based and learning based university

Academic charisma is: teaching

published papers

earning power

public relations

Professors are professing as teaching role models

Academic career in education (clinician teacher)

University ranking based on research and education

