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University of Twente
Enschede - The Netherlands

Master of Science Programme

Health Sciences



ENSCHEDA
THE MASTER DEGREES
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IMPROVE YOUR POSITION



Health Sciences Master of Science

The health service is undergoing far-reaching changes. In this context, the insurance system has been overhauled, an ageing population will eventually lead to an enormous increase in the demand for care, and developments in the field of medical technology are providing ever more opportunities to treat diseases and carry out research. In addition, patients are speaking out more and are adopting an appropriate role in this regard: behaving less as reserved patients and more as demanding consumers.

These developments have repercussions for health care institutions. Radical measures will inevitably be introduced into the management of health care institutions. Thinking up sound solutions to all manner of problems is a complex task, and it is not easy to communicate such solutions effectively. Accordingly, there is a great need for creative managers and policy makers who have been trained in all aspects of the health service.

The Master's in Health Sciences will qualify you for a pivotal role in the health service arena. You will become a professional with a thorough understanding of administrative and business issues. You will have a good grasp of the way in which technological changes can influence the design of the health service in organizational and business terms. In addition, you will be well versed in communicating policy measures in a way that is comprehensible either for a wider audience or for your employer. Furthermore, you will be able to effectively analyse the results of research in these areas.

The Master's in Health Sciences helps you to develop a broad view of the opportunities for quality improvement within the health service and its associated business processes. In addition, you will be given the knowledge and skills needed to shape management and policy in the health service by seizing the initiative and taking decisive action.

Accordingly, the Health Sciences spearheads are:

- Management in integrated care systems
- Policy within the health service
- Assessment of the use of medical technology

Career prospects

Within these three Health Science spearheads, there is a further deepening of knowledge and skills. These will make you pre-eminently suitable for tackling work at the highest levels in all sections of the health service. You will be able to take on management or staff posts at health care institutions, such as hospitals, nursing homes and residential care homes. However, you can just as easily take up a position at a Municipal (or regional) Health Authority (GGD) or at a local authority, as a policy-maker or policy advisor. And how about a job in the educational sector, at a university or a research institute for instance? It is also possible to pursue a career in the service sector and in industry, at an organizational consultancy or health insurance provider for example.

In short, there is ample demand for a health scientist who possesses both the intrinsic knowledge and the requisite skills to

be able to operate in an increasingly demand-driven health setting. Are you interested in tackling the problems within the health service? Then the Master's in Health Sciences may be right up your street.

Programme structure

The Health Sciences Master's degree programme takes one year, and is taught in English. The programme has a study load of 60 European Credits (EC). The year is divided into two semesters. You will take six intrinsic courses during the first semester, each of which is worth 5 EC (total 30 EC). Within these courses, links are constantly being made between management, policy, communication, medical technology, and the health service.

Master's courses:

- Behavioural Aspects of Quality in Healthcare
- Health & Health Systems
- Organizational Aspects of Applying Medical Technology
- Advanced Methods and Techniques in Health Care Research
- Effective Health Care Technology
- Choice of one of the following projects:
 - Management of Technology in Health Care
 - Technology Policy in Health Care

The second semester is fully given over to your graduate assignment, or Master's thesis (25 EC). You can either carry out your research within the university, or you can accept a research assignment from an external organization. It is also possible to complete this part of your studies abroad. The assignment can be more theoretical or research-oriented in nature. Alternatively, you can focus on a practical issue within the health service.

Throughout this period you will attend a Master's class (5 EC), where you will be supervised in the design and implementation of your Master's thesis. Once you have been presented with your diploma, you can claim the title of 'Master of Science' (MSc).

Admission criteria

Holders of a Bachelor of Science degree in Health Sciences from a Dutch university can be admitted directly to the Master's in HS. Holders of a Dutch university bachelor's degree in a related field of study can be admitted once they have completed a pre-master's programme worth a maximum of 20 EC.

Admission to the pre-master's programme, and the composition of the programme itself, are dependent on your educational background. Such matters are decided by the Health Sciences Admissions Committee. The pre-master's programme is held twice a year, with the first programme starting in September (taught in Dutch) and the second in February (taught in English).

The Dutch programmes of higher vocational education (HBO) in Physiotherapy, Nursing, Speech Therapy and Care Management are currently regarded as related programmes. For those whose educational background involves a non-related programme of higher vocational education (HBO), admission and the pre-master's programme are determined on an individual basis by the HS Admissions Committee.

The admissions committee will assess applicants with a bachelor's degree from a non-Dutch university on an individual basis. The assessment is based on:

- A NUFFIC credential evaluation;
- Proof of your skills in mathematics and statistics;
- Proof of your skills in scientific research knowledge;
- Academic record(s);
- Letter of motivation;
- Two letters of recommendation;
- Proof of your English proficiency: IELTS test;
- CV/resume;
- If applicable; any additional information required by the Admissions Committee.

If you would like to find out whether you are eligible for admission, and you are curious about the possible composition of your pre-master's programme, complete the application form at our website www.graduate.utwente.nl. This is entirely without obligation. You will be informed about your admission within 6 to 8 weeks. If you register well in advance (no more than 3 months before the start of the pre-master's programme), then we will see to it that you are informed about your admission on time.

Tuition fee

Full-time students from a country that belongs to the European Economic Area (EEA)* pay an annual tuition fee of € 1,519 (+index). Full-time non-EEA students will be charged € 6,320 (+index).

*The EEA-countries are Austria, Belgium, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

Graduate.utwente.nl

The Health Sciences Master's degree programme is a dynamic programme, so be sure to check out our website www.graduate.utwente.nl on a regular basis, for details of the latest developments.

Our website presents more information on such aspects as: courses, admission requirements, pre-master's programmes and registration.

If you have specific questions regarding this master's degree programme, please contact the HS programme information desk by email at master@utwente.nl or by phone on +31 (0)53-489 5 489.

The University of Twente is a co-signatory of the Code of Conduct for the Recruitment of Foreign Students. Information about the Code and the accompanying procedure for complaints is available on www.internationalstudy.nl

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