

MINOR HEALTHCARE & SCIENCE

FROM RESEARCH TO SCIENTIFIC ARTICLE

The objective of this English language Healthcare & Science minor is to expand your knowledge and skills when it comes to scientific research. This will enable you to become more familiar with conducting scientific research.

Healthcare & Science is also a transfer minor that prepares students for the Scientific Master's degree programme Evidence Based Practice of the AMC. Naturally the curriculum also prepares students for other (scientific) Master's degree programmes. Key themes include acquiring more in-depth knowledge of research methodology, statistics, qualitative research, English and writing skills.

This minor is suitable for students from healthcare-related HBO (higher professional education) programmes such as paramedical programmes, Nursing, Nutrition & Dietetics and the Academy of Physical Education. This minor better prepares professional practitioners who are just starting out to gather scientific evidence for their clinical activities in daily practice: Evidence Based Practice.

The minor is concluded with the submission of a grant for scientific research, or the writing of a scientific article for a peer-reviewed publication based on data from current research.



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The minor Healthcare & Science trains you so that you can reach the level where you are able to make a contribution to the development of scientific knowledge in the healthcare sector. This knowledge contributes to the diagnosis, treatment, prognosis and prevention of disease within the context of paramedical and nursing activities in the healthcare sector.

The minor provides students with a basic academic level of education. You are schooled as scientifically-oriented, starting out professional practitioners who can systematically search and critically evaluate scientific literature and apply this information in your professional field. Students use methods and techniques of research methodology, clinical epidemiology and biostatistics. All of the knowledge and skills that you acquire during the minor programme are geared toward the ability to gather scientific evidence for activities in the clinical practice: Evidence Based Practice.

PROGRAMME

The programme consists of two learning pathways. In the first learning pathway, you will acquire knowledge and skills during formal lectures and tutorials that are related to general research methodology, epidemiology, biostatistics, qualitative research and scientific writing.

In the second learning pathway, 'The Project', you will apply this knowledge and skills to the completion of a research assignment. These assignments are related to ongoing research within the ASHP.

IS THIS MINOR THE RIGHT ONE FOR YOU?

The exploration of the relevance of research clinically will challenge your philosophical attitudes towards reasoning. You will learn about concepts such as validity and reliability, why they can be difficult and what they mean for our profession. Former HC&S students have described this Minor as a 'change in mindset' or 'the gaining of a broader scope of practice'.

ASSESSMENT

Assessment consists of an examination to test your knowledge and skills, and the preparation of a research proposal or writing of a scientific article based on an analysis of data that the student performs on his or her own, in English.

The minor is concluded with a symposium during which students present the results of The Project.

SEMESTER: 1

The minor is offered during the first semester.

AVAILABILITY

The minor is open to students from health related programs. Entry requirement for this minor is mathematics on secondary high-school at A level

LIKE TO KNOW MORE?

For further information, please contact the International office, email: internationalofficehealth@hva.nl.