

## Qualitative Methodology in Scientific Research (D012139)

Due to Covid 19, the education and evaluation methods may vary from the information displayed in the schedules and course details. Any changes will be communicated on Ufora.

Course size (nominal values; actual values may depend on programme)  
Credits 5.0 Study time 150 h Contact hrs 35.0 h

Course offerings and teaching methods in academic year 2020-2021

A (semester 1)	Dutch	Gent	practicum	10.0 h
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Lecturers in academic year 2020-2021

Verhaeghe, Sofie	GE39	lecturer-in-charge
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Offered in the following programmes in 2020-2021

	crdts	offering
Master of Science in Teaching in Health Sciences (main subject Medical Sciences)	5	A
Master of Science in Speech Language and Hearing Sciences (main subject Audiology)	5	A
Master of Science in Speech Language and Hearing Sciences (main subject Logopaedics)	5	A
Linking Course Master of Science in Health Promotion	5	A
Linking Course Master of Science in Nursing and Midwifery	5	A
Preparatory Programme Master of Science in Health Promotion	5	A

Teaching languages

Dutch

Keywords

Qualitative research, methodology

Position of the course

Qualitative research is of great importance for nursing and midwifery. It generates insights in experience, granting of meaning, processes and mechanisms in care and care giving. The aim of this course is to provide students an insight into the basic concepts of qualitative research methodology. The course consists of a combination of lectures and practical classes. During the lectures theoretical concepts and basic methodological principles of qualitative research are being taught. Specific attention is given to the paradigm of qualitative research, preparatory steps in a research process, research approaches, data collection and analysis, possibilities to evaluate and ensure the quality of qualitative research and the characteristics of reporting qualitative research. Also the opportunities and characteristics of mixed methods are discussed.

During practical classes, theoretical insights will be processed and practiced by using scientific literature and practice sessions on data collection and data analysis. At the end of this course the student will be able to systematically evaluate and appreciate scientific literature that used qualitative research.

This course is situated in the 'role of scientist'. As a **scientist**, the Master of Science takes an active role in collecting, critically evaluating, synthesizing and presenting scientific knowledge.

In this course internationalization is formalized through the frequent use and integration of English learning materials and international scientific publications.

Contents

In this course the following topics are addressed:

- The paradigm of qualitative research.
- Preparatory steps in a research process and the role of the researcher.
- Research approaches, including phenomenology,

- grounded theory, ethnography, hermeneutics, action research.
- Sampling in qualitative research.
- Methods of data collection, with particular attention for, a.o., (participant) observation and interviewing during practice sessions.
- Methods of data analysis, with particular attention to coding through software (NVIVO).
- The quality of research and the research process.
- Opportunities and characteristics of mixed methods research.

#### Initial competences

The student is required to have a good knowledge of the English language.

#### Final competences

- 1 Understanding the distinction between the different qualitative research approaches with the corresponding methods of data collection and analysis;
- 2 Being able to apply different methods of data collection and analysis, such as interviewing, observing, coding and interpreting;
- 3 Reflecting on the role of the researcher in the research process;
- 4 Possessing the knowledge to assess the scientific quality and value of qualitative research in scientific publications;
- 5 Regularly consulting scientific literature;
- 6 Showing a critical attitude towards reading and interpreting scientific research

#### Conditions for credit contract

Access to this course unit via a credit contract is determined after successful competences assessment

#### Conditions for exam contract

This course unit cannot be taken via an exam contract

#### Teaching methods

Guided self-study, lecture, integration seminar, practicum, seminar: coached exercises, online lecture, online lecture: plenary exercises, online lecture: response lecture

#### Learning materials and price

- Presentations and documents via Minerva.
- Reader of relevant publications.
- Handbook: Holloway, I. & Wheeler, S. (2010). Qualitative Research for nurses. Wiley-Blackwell (third edition).

#### References

#### Course content-related study coaching

Interactive teaching with possibility for interaction.

#### Evaluation methods

end-of-term evaluation

#### Examination methods in case of periodic evaluation during the first examination period

Written examination with open questions, written examination with multiple choice questions

#### Examination methods in case of periodic evaluation during the second examination period

Written examination with open questions, written examination with multiple choice questions

#### Examination methods in case of permanent evaluation

#### Possibilities of retake in case of permanent evaluation

not applicable

#### Calculation of the examination mark

The exam consists of two parts: a written exam and a paper. The written exam consists of open and multiple choice questions. The standard setting is used for multiple choice questions. The paper is evaluated based on a pass/failsystem.

When the student does not participate to one of the parts of the evaluation, the student can not pass for the course.

In case of pass for the paper, the final score is determined by the written exam.

In case of fail for the paper, the final score will be calculated as follows: the score of the written exam is decreased by 7 point on the score on 20.