

Information Handling, Methodology of Scientific Research. Medical statistics I (D013019)

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 3.0 **Study time** 90 h **Contact hrs** 45.0 h

Course offerings and teaching methods in academic year 2020-2021

B (semester 1) Dutch Gent lecture 7.5 h

Lecturers in academic year 2020-2021

Coorevits, Pascal	GE39	lecturer-in-charge
Brusselle, Guy	GE35	co-lecturer
Willems, Sara	GE39	co-lecturer

Offered in the following programmes in 2020-2021

Bachelor of Science in Medicine	crdts	offering
	3	B

Teaching languages

Dutch

Keywords

Scientific (qualitative and quantitative) research and introduction to medical statistics

Position of the course

The student understands the basic principles of performing scientific research
The student has insight in the basic concepts of medical statistics

Contents

Partim Methodology:

- Introduction to scientific research
- Qualitative research
- Quantitative research

Partim Statistics:

- Introduction to statistics
- Descriptive statistics
- Basic concepts of inferential statistics
- Introduction to hypothesis tests

Initial competences

The end terms of higher secondary education

Final competences

- 1 The student has insight in what scientific research encompasses
- 2 The student has insight in what qualitative and quantitative research is
- 3 Knowing the foundations of descriptive statistics
- 4 The student has insight in the basic concepts of inferential statistics
- 5 The student is able to conduct basic hypothesis tests and can correctly interpret the results

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

Lecture, lecture: plenary exercises

Learning materials and price

References

Course content-related study coaching

Evaluation methods

end-of-term evaluation

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

Written examination

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

Written examination

Examination methods in case of permanent evaluation

Possibilities of retake in case of permanent evaluation

not applicable

Calculation of the examination mark