

Probleemoplossend redeneren II (D013020)

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 4.0 **Study time** 120 h **Contact hrs** 45.0 h

Course offerings and teaching methods in academic year 2020-2021

A (year) Dutch Gent lecture 20.0 h

Lecturers in academic year 2020-2021

Coorevits, Pascal	GE39	lecturer-in-charge
Brusselle, Guy	GE35	co-lecturer
Kalra, Dipak	GE39	co-lecturer
Van Belleghem, Yves	GE38	co-lecturer

Offered in the following programmes in 2020-2021

	crdts	offering
Bachelor of Science in Medicine	4	A

Teaching languages

Dutch

Keywords

medical statistics, ICT in healthcare, tutorials

Position of the course

To let the student gain insight in inferential statistics.
 To facilitate the student being able, in an appropriate way, to process and to summarise data, to statistically analyse and report the data.
 To let the student gain insight in some basic concepts of ICT in healthcare.

Contents

The partim Statistics consists of concepts of inferential statistics, univariate hypothesis tests and practical applications in SPSS.
 The partim ICT in healthcare consists of some capita selecta (e.g. introduction eHealth, electronic patient record, privacy, ...)
 In addition to the two partims, tutorials will be organised where students will be trained to find in real-time reliable information and clinical reasoning and diagnostics will be taught related to cases from the bloc education

Initial competences

'Probleemoplossend medisch redeneren I' from 1st year.

Final competences

- 1 Knowing the foundations of inferential statistics
- 2 Being able to conduct and interpret basic and more advanced statistical analyses
- 3 Being able to use SPSS when conducting the statistical analyses and applications
- 4 Knowing the foundations of ICT in healthcare
- 5 Being able to find and work out certain subjects related to the tutorials
- 6 The student has insight in relevant aspects of research datamanagement with regard to statistics

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, PDE tutorial, seminar: practical PC room classes

Learning materials and price

- Statistische Gegevensverwerking met behulp van IBM SPSS Statistics, P. Coorevits, H. Buysse, E. Deschepper (kostprijs +/- 20 euro)

References

Course content-related study coaching

Electronically through learning platform

Evaluation methods

end-of-term evaluation and continuous assessment

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

Written examination, skills test

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

Written examination, skills test

Examination methods in case of permanent evaluation

Written examination

Possibilities of retake in case of permanent evaluation

examination during the second examination period is not possible

Calculation of the examination mark

Binnen deze lijn zijn er 3 partims met volgend gewogen gemiddelde:

- 1 Medische statistiek (75%)
- 2 ICT in de gezondheidszorg (25%)
- 3 Tutorials (25%)

Indien de student slaagt voor alle partims dan is het eindresultaat gelijk aan het gewogen gemiddelde van de partims.

Zodra een student drie of meer tekortpunten* heeft kan hij/zij niet meer slagen voor het geheel van het opleidingsonderdeel. Indien het rekenkundig gemiddelde toch een cijfer van 10 of meer op 20 zou zijn, wordt dit teruggebracht tot het hoogste niet-geslaagd cijfer (9/20).

Een student die zich bewust onttrekt aan een onderdeel van de evaluatie, of die ongegrond afwezig was tijdens de tutorials, kan niet meer slagen voor het geheel van het opleidingsonderdeel. Indien de eindscore een cijfer van 8 of meer op 20 zou zijn, wordt dit teruggebracht tot het hoogste niet-delibereerbare cijfer (7/20).

*tekortpunten: Tekortpunt(en) zijn het aantal punten dat een student te kort heeft om de helft te halen op 20, en dit per partim.