

Management of Information Systems (D012149)

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** 100 h **Contact hrs** 20.0 h

Course offerings and teaching methods in academic year 2020-2021

B (semester 1)	English	Gent	seminar: practical PC room classes	2.5 h
			lecture	17.5 h

Lecturers in academic year 2020-2021

Coorevits, Pascal	GE39	lecturer-in-charge
Eeckloo, Kristof	GE39	co-lecturer
Kalra, Dipak	GE39	co-lecturer

Offered in the following programmes in 2020-2021

	crdts	offering
Master of Science in Health Care Management and Policy	4	B
Exchange Programme Faculty of Medicine and Health Sciences	4	B

Teaching languages

Dutch, English

Keywords

Data and information, information systems, security, privacy, business intelligence, information governance, healthcare, eHealth, hospital information systems

Position of the course

The aim of the course is to give insights into the possibilities and restrictions of governing information and knowledge in a company or organisation by means of information systems. The courses are focussed towards healthcare

Contents

- Introduction eHealth & mHealth
- Information sources and searching for information
- Databases
- Electronic Patient Record
- Introduction to standards and medical terminologies
- Registration of medical data and benchmarking
- Business Intelligence
- Hospital Information Systems
- Quality labelling and certification
- Privacy
- Security
- Re-use of data for scientific research
- Information governance

Initial competences

Basic knowledge of PC-use

Final competences

The student has insights into the possibilities and restrictions of governing information and knowledge in healthcare companies or organisations by means of information systems

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, seminar: practical PC room classes

Learning materials and price

Via Ufora

References**Course content-related study coaching**

Via the electronic learning platform

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