

Hospital Project (E092814)

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 45.0 h

Course offerings in academic year 2020-2021

A (year)	English	Gent
B (semester 1)	Dutch	

Lecturers in academic year 2020-2021

Verdonck, Pascal	TW06	lecturer-in-charge
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Offered in the following programmes in 2020-2021

	crdts	offering
Master of Science in Biomedical Engineering	5	A
International Master of Science in Biomedical Engineering	5	A
Master of Science in Biomedical Engineering	5	B

Teaching languages

Dutch, English

Keywords

Technological innovations, hospital experience, biomedical engineering project

Position of the course

Biomedical engineering students need to be trained in communication with medical professionals and have to become familiar with daily life in a medical department of a hospital.

Contents

Aim of the course is to train the student in handling a biomedical engineering project in a hospital. The student will deal with an actual technological innovation in a clinical department. After a short training in the department a "swot"-analysis of the technology will be performed in order to prepare a straightforward action plan in collaboration with the responsible medical doctor.

Initial competences

Bsc engineering

Final competences

- 1 Knowledge of functioning of a clinical department in a hospital
- 2 In vivo experience with medical technology

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

Project

Extra information on the teaching methods

Project in a hospital department

Learning materials and price

nihil

References

Course content-related study coaching

Students will be guided during their stay in a medical department in a hospital. Interim reports are scheduled

Evaluation methods

continuous assessment

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

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

Examination methods in case of permanent evaluation

Peer assessment, report

Possibilities of retake in case of permanent evaluation

examination during the second examination period is possible in modified form

Calculation of the examination mark