Vak: Biomedical Project

credits: 10

Vakcode	ELVH18GBMP
Naam	Biomedical Project
Studiejaar	2024-2025
ECTS credits	10
Taal	Engels
Coördinator	M.P. McDonald
Werkvormen	Opdracht
Toetsen	Biomedical Project - Opdracht

Leeruitkomsten

The student can:

- operate in a dynamic, multidisciplinary and international context;
- generate ideas and initiate actions;
- share, maintain and enhance knowledge and skills;
- contribute to a decision by weighing several aspects of a problem taking into account professional and ethical dilemmas, being aware of the existence of socially accepted values;
- communicate effectively in a variety of ways;
- cooperate in a multidisciplinary group: efficient, self-employed, structured and using specific engineering methodology;
- continue to operate effectively under pressure of time or circumstance;
- execute managerial tasks;
- translate customer requirements into product specifications;
- plan and control a design process;
- apply techniques for modelling, simulation, measurement and test;
- incorporate aspects of economy, ergonomy, organization, safety and environment into all engineering activities;
- make a fundamental design of a product or a technical process.

Inhoud

Learn to apply in, a multidisciplinary team, the biomedical engineering skills. The project comes from an external contractor and the goal is to cover the relevant phases when designing a medical product or service.

Opgenomen in opleiding(en)

Exchange Biomedical Engineering (autumn)
Minor Biomedical Engineering

School(s)

Instituut voor Engineering

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