Course: Biomedical Project — credits: 10

Course code	ELVH18GBMP
Name	Biomedical Project
Study year	2024-2025
ECTS credits	10
Language	English
Coordinator	M.P. McDonald

Modes of delivery	Assignment
Assessments	Biomedical Project - Assignment

Learning outcomes

Student
* can operate in a dynamic, multidisciplinary and international context
* can generate ideas and initiate actions
* can share, maintain and enhance knowledge and skills
* can 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.
* can communicate effectively in a variety of ways
* can cooperate in a multidisciplinary group: efficient, self-employed, structured and using specific engineering methodology
* can continue to operate effectively under pressure of time or circumstance
* can execute managerial tasks
* can translate customer requirements into product specifications
* can plan and control a design process
* can apply techniques for modelling, simulation, measurement and test
* can incorporate aspects of economy, ergonomy, organization, safety and environment into all engineering activities
* can make a fundamental design of a product or a technical process

Content

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.

Included in programme(s)

Exchange Biomedical Engineering (autumn)
Minor Biomedical Engineering

School(s)

Institute of Engineering

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