# Course: Biomedical Project — credits: 10

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| **Course code** | ELVH18GBMP |
| **Name** | Biomedical Project |
| **Study year** | 2022-2023 |
| **ECTS credits** | 10 |
| **Language** | English |
| **Coordinator** | J. Zijlstra |

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| **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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