**Module title** | **Abbreviation**
---|---
Microsystems for biological and medicinal Applications | 03-SP3A2-101-m01

**Module coordinator**
holder of the Chair of Functional Materials in Medicine and Dentistry and holder of the Chair of Regenerative Medicine

**Module offered by**
Faculty of Medicine

**ECTS** | **Method of grading** | **Only after succ. compl. of module(s)**
---|---|---
5 | numerical grade | --

**Duration** | **Module level** | **Other prerequisites**
---|---|---
1 semester | graduate | --

**Contents**
Implantable drug delivery systems, lab-on-a-chip systems for bioanalysis, bioreactor technology, lab course: nanoparticles for regenerative medicine and protein biochemistry.

**Intended learning outcomes**
Students have developed a knowledge of implantable drug delivery systems and lab-on-a-chip systems for bioanalysis, bioreactor technology, nanoparticles for regenerative medicine and protein biochemistry.

**Courses**
V + Ü + P (no information on SWS (weekly contact hours) and course language available)

**Method of assessment**
placement report / fieldwork report / report on practical training / report on practical course / project report / report on technical course (approx. 10 pages) and a) written examination (approx. 90 minutes) or b) presentation (approx. 30 minutes)

**Allocation of places**
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**Additional information**
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**Referred to in LPO I** (examination regulations for teaching-degree programmes)
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**Module appears in**
Master's degree (1 major) Technology of Functional Materials (2010)
Master's degree (1 major) Functional Materials (2012)