## Module title
Microsystems for biological and medical applications

## Abbreviation
03-SP3A2-092-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
5

### Method of grading
numerical grade

### Only after succ. compl. of module(s)
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### Duration
1 semester

### Module level
graduate

### Other prerequisites
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### 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
S + P (no information on SWS (weekly contact hours) and course language available)

### Method of assessment
written examination (60 minutes) and log (approx. 5 pages), weighted 3:1

### Allocation of places
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### Additional information
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### Referred to in LPO I
(examination regulations for teaching-degree programmes)

### Module appears in
Master’s degree (1 major) Technology of Functional Materials (2009)