### Module title
Materials for biosensors, tissue engineering and tissue regeneration

### Abbreviation
03-SP2A2-092-m01

### Module coordinator
holder of the Chair of Orthopaedics 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

Interaction of biosystems with materials, biodegradation versus inert materials, protein adsorption on surfaces as an information broker for sensors, biological materials, structure-function interaction (nano-microstructures).

## Intended learning outcomes

Students have developed a knowledge of the interaction of the biosystem with materials.

## 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)