Module title: Gene Regulation and Signal Transduction
Abbreviation: 07-MGRSD-121-m01

Module coordinator: Dean of Studies Biologie (Biology)
Module offered by: Faculty of Biology

ECTS: 3
Method of grading: Only after succ. compl. of module(s)

Duration: 1 semester
Module level: graduate

Contents:
In this lecture, important aspects of gene regulation and signal transduction of bacteria will be described and discussed. The lecture will discuss regulatory mechanisms on the transcriptional and post transcriptional level. Whenever appropriate, special emphasis will be placed on regulatory phenomena in pathogenic bacteria.

Intended learning outcomes:
Students have gained an insight into current technologies and are able to choose the appropriate technology to solve a scientific problem.

Courses:
V (no information on SWS (weekly contact hours) and course language available)

Method of assessment:
a) written examination (approx. 30 to 60 minutes, including multiple choice questions) or b) oral examination of one candidate each (approx. 30 to 60 minutes) or c) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes)

Allocation of places:
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Additional information:
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Referred to in LPO 1:
(examination regulations for teaching-degree programmes)
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Module appears in:
Master’s degree (1 major) Biology (2011)
Master’s degree (1 major) Biology (2014)