Module title
Cell and Developmental Biology Master 2 B

Abbreviation
07-MZE2-B-152-m01

Module coordinator
holder of the Chair of Cell Biology and Developmental 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

Other prerequisites
--

Contents
The lecture Signale und Differenzierung (Signals and Differentiation) does not attempt to impart pure textbook knowledge. Instead, historically important as well as particularly interesting and important trend-setting topics in developmental biology are presented. The topics range from classical developmental subjects such as tissue regeneration and morphogenetic cell migration to molecular stem cell biology, epigenetic plasticity, origins of multicellularity and development within changing environments.

Intended learning outcomes
Participants possess a knowledge of the theoretical and molecular biological principles underlying developmental biology and are able to put this into the broader context of cell and developmental biology research.

Courses (type, number of weekly contact hours, language — if other than German)
V (1)
Module taught in: English

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

Students will be informed about the method, length and scope of the assessment prior to the course. Usually, one of the following options will be chosen: a) written examination (30 to 60 minutes, including multiple choice questions) or b) oral examination of one candidate each (30 to 60 minutes) or c) oral examination in groups of up to 3 candidates (30 to 60 minutes)
Language of assessment: German and/or English

Allocation of places
--

Additional information
--

Referred to in LPO I (examination regulations for teaching-degree programmes)
--

Module appears in
Master’s degree (1 major) Biology (2015)
Master’s degree (1 major) FOKUS Life Science (2015)
Master’s degree (1 major) Biosciences (2016)
Master’s degree (1 major) Biosciences (2017)
Master’s degree (1 major) Biosciences (2018)