

Module title		Abbreviation
Cell- and Development-Biology Master 2 B		07-MZE2-B-121-m01
Module coordinator		Module offered by
holder of the Chair of Cell Biology and Developmental Biology		Faculty of Biology
ECTS	Method of grading	Only after succ. compl. of module(s)
3	(not) successfully completed	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>The lecture <i>Signale und Differenzierung (Signals and Differentiation)</i> is not designed to merely impart textbook knowledge to students. It will rather introduce students to particularly interesting and current topics in developmental biology. Topics covered in the lecture (subject to change): - Cooperation: Development and consequences of multicellularity. - Sex: More than just ? + ? =. - On the move: Morphogenetic migration. - All-rounders?: Opportunities and limitations of stem cell research. - Growing new hearts?: Animals and their ability to regenerate. - Disasters: What do we actually know about metamorphoses? - Always the same?: Plasticity and epigenetics. - Metaorganisms: We are never alone. - Development in changing environments: Ecology and polyphenism. - Developmental biology of behaviour: Everything is learned. Or isn't it? - Evo-devo: A fad? No, been around for ages.</p>		
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 (no information on language and number of weekly contact hours available)		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
#REF!		
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 (2011) Master's degree (1 major) Biology (2014) Master's degree (1 major) Biomedicine (2013) Master's degree (1 major) Biomedicine (2012)		