

<b>Module title</b>		<b>Abbreviation</b>
Developmental Biology of Plants and Animals		07-GY-EBIO2P-092-m01
<b>Module coordinator</b>		<b>Module offered by</b>
Dean of Studies Biologie (Biology)		Faculty of Biology
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
6	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	undergraduate	By way of exception, additional prerequisites are listed in the section on assessments.
<b>Contents</b>		
<p>Plant developmental biology addresses the individual steps in the stages of plant development from the seed to the autotrophic adult organism. In this context, the importance of stem cells for plant development and the underlying mechanisms will be discussed in more detail. The module will also discuss the role of phytohormones and external abiotic factors, such as light, during the different stages of plant development.</p>		
<b>Intended learning outcomes</b>		
<p>Awareness of fundamental principles of developmental biology. Detailed knowledge of processes related to organogenesis and the establishment of embryonic axes. Knowledge of model organisms in developmental biology. Knowledge of the molecular biological processes occurring during development. Awareness of interrelations between ontogeny and evolution (biogenetic law). Ability to perform and interpret lab experiments in developmental biology.</p>		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
<p>This module comprises 2 module components. Information on courses will be listed separately for each module component.</p> <ul style="list-style-type: none"> <li>• 07-GY-EBIO2P-1-092: V + Ü (no information on SWS (weekly contact hours) and course language available)</li> <li>• 07-GY-EBIO2P-2-092: V (no information on SWS (weekly contact hours) and course language available)</li> </ul>		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>Assessment in this module comprises the assessments in the individual module components as specified below. Unless stated otherwise, successful completion of the module will require successful completion of all individual assessments.</p> <p><b>Assessment in module component 07-GY-EBIO2P-1-092:</b> Developmental Biology of Plants (Lecture, Practice) Developmental Biology of Plants (Lecture, Practice)</p> <ul style="list-style-type: none"> <li>• 4 ECTS, Method of grading: numerical grade</li> <li>• written examination (30 to 60 minutes)</li> <li>• Other prerequisites: Admission prerequisite to assessment: regular attendance of exercises, seminars and lab courses (weekly courses: a maximum of one incident of unexcused absence and one excused absence for a legitimate reason; fortnightly courses: one incident of unexcused absence) and successful completion of the respective exercises (required percentage as specified at the beginning of the course). The preparation of logs (10 to 15 pages) is an admission prerequisite to assessment.</li> </ul> <p><b>Assessment in module component 07-GY-EBIO2P-2-092:</b> Developmental Biology of Animals (Lecture)</p> <ul style="list-style-type: none"> <li>• 2 ECTS, Method of grading: numerical grade</li> <li>• written examination (20 to 40 minutes)</li> </ul>		
<b>Allocation of places</b>		
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<b>Additional information</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
§ 61 (1) 2. Biologie "Physiologie der Pflanzen und Tiere"		



**Module appears in**

keinem Studiengang zugeordnet