

<b>Module title</b>		<b>Abbreviation</b>
Physiology of membrane transport mechanisms		07-5S2PS1-092-m01
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Chair of Plant Physiology and Biophysics		Faculty of Biology
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
10	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	undergraduate	--
<b>Contents</b>		
The module will address topics in contemporary research on plant membrane transport with modern molecular biological and biophysical methods. On the basis of current scientific publications, different aspects of plant physiology will be presented and discussed in English.		
<b>Intended learning outcomes</b>		
Students are familiar with current research in the field of plant membrane transport as well as with the methods used. They are able to interpret and deliver presentations on scientific publications.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
This module comprises 2 module components. Information on courses will be listed separately for each module component. <ul style="list-style-type: none"> <li>• 07-5S2PS1-1MT-092: Ü (no information on SWS (weekly contact hours) and course language available)</li> <li>• 07-5S2PS1-2MT-092: S (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)		
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.		
<b>Assessment in module component 07-5S2PS1-1MT-092:</b> Physiology of membrane transport mechanisms (laboratory course) <ul style="list-style-type: none"> <li>• 9 ECTS, Method of grading: numerical grade</li> <li>• a) written examination (approx. 60 minutes) or b) log (approx. 10 to 20 pages) or c) oral examination of one candidate each (approx. 30 minutes) or d) oral examination in groups (groups of 2 or 3 candidates, approx. 60 minutes) or e) presentation (approx. 20 to 30 minutes)</li> <li>• Language of assessment: German or English</li> </ul>		
<b>Assessment in module component 07-5S2PS1-2MT-092:</b> Physiology of membrane transport mechanisms - Progress in plant physiology (seminar) <ul style="list-style-type: none"> <li>• 1 ECTS, Method of grading: (not) successfully completed</li> <li>• presentation (approx. 20 to 30 minutes)</li> </ul>		
<b>Allocation of places</b>		
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<b>Additional information</b>		
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<b>Workload</b>		
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<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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**Module appears in**

Bachelor' degree (1 major) Biology (2007)

Bachelor' degree (1 major) Mathematics (2007)