

name of the module	Molecular and Cellular Biology of Mykorrhiza
start	Mid April
duration	5 weeks
location	KIT, Botanisches Institut
contact person	Natalia Requena
ECTS (regular/max)	8
examination	Klausur zu M2207 V+P.
graded	Yes, best grade 1.0, passed with 50% of scores
description of content (approx. ½ page)	<p><b>MFOR-V-2207: Molecular and Cell Biology of Mycorrhiza (Vorlesung)</b></p> <p>The aim of this course is to provide the students with a deep knowledge of the arbuscular mycorrhizal symbiosis with an emphasis in the molecular and cellular aspects. After a general introduction, the major features of the symbiosis will be reviewed according to the latest literature on the subject. The emphasis will be on signal production, exchange and transduction during the symbiosis.</p> <p><b>MFOR-P-2207: Molecular and Cell Biology of Mycorrhiza (Praktikum)</b></p> <ul style="list-style-type: none"> <li>• Secretion and Transport of Fungal Effectors in Plant Cells</li> <li>• Plant transcriptional reprogramming during mycorrhiza symbiosis</li> <li>• Molecular analysis of nutrient exchange between symbionts</li> </ul>