

Institut für Pflanzenbau und Pflanzenzüchtung

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## All Courses Professorial Chair for Plant Breeding

### Winter term

Nr.	Module	Course	h/wk	Lecturer
AEF-agrig001	Introduction to Molecular Biology	Introduction to Molecular Biology I (Lecture)	1	Jung by Melzer
		Introduction to Molecular Biology II (Lecture)	1	Jung by Melzer
		Molecular Biology (Practical Course)	2	Jung by Melzer
AEF-agrig002	Organization and Analysis of Eukaryotic Genomes	Organization of the Eukaryotic Genome (Lecture)	1	Jung with Melzer
AEF-agrig004	Introduction to Crop and Animal Breeding	Fundamentals of Crop Breeding	2	Jung with Emrani
AEF-agrig005	Genomics in Research and Industry	Genomics in Research and Industry (Seminar)	2	Thaller, Mühling, Cai, Jung with Melzer
		Genomics in Research and Industry (Excursion)	2	Mühling, Cai
AEF-agrig008	Research Seminar	Research Seminar (together with agrig018)	2	Jung, Melzer, Harloff, Emrani
AEF-agr046	Methods for Breeding Field Crops	Methods for Breeding Field Crops (Lecture)	4	Jung by Emrani
AEF-agrig18	Recent Progress in Plant Breeding and Genome Research	Plant Breeding Research and Crop Genome Analysis (Seminar)	2	Jung with Emrani
		Literature Club: Current Trends in Plant Breeding and Genome Research (Seminar)	1	Jung with Melzer
		Current Methods in Applied Plant Breeding (seminar)	1	Jung with Melzer
AEF-agr049	Anleitung zum wissenschaftlichen Arbeiten – Verteidigung Masterarbeit	Anleitung zum wissenschaftlichen Arbeiten – Verteidigung Masterarbeit (together with agrig018)	2	Jung, Melzer, Harloff, Emrani

## Spring term

Nr.	Modul-Name	Course	h/wk	Lecturer
AEF-agr001	Grundlagen Genetik, Pflanzenzüchtung und Grünlandwirtschaft	Einführung in die Genetik und Pflanzenzüchtung (Vorlesung)	2	Jung with Melzer
AEF-agr016	Pflanzenzüchtung	Biologische, genetische und molekulare Grundlagen der Pflanzenzüchtung (Vorlesung)	3	Jung mit Emrani
		Exkursionen	1	Jung durch Emrani
AEF-agrig006	Applied Genome and Proteome Research	Genome Research Techniques (Practical Course)	4	Jung by Melzer, Harloff, Emrani
AEF-agrig007	Applications of Genomics in Agriculture	Applications of Genomics in Animal and Plant Breeding (Lecture)	2	Thaller by Becker, Jung by Emrani
AEF-agrig008	Research Seminar	Research Seminar (together with agrig018)	2	Jung and scientists of the Plant Breeding Institute
AEF-agrig012	Genetically Modified Plants	Genetically Modified Plants (Lecture)	2	Jung, Kempken, Cai with Harloff and Melzer
		Genetically Modified Plants (Practical Course)	2	
AEF-agrig018	Recent Progress in Plant Breeding and Genome Research	Plant Breeding Research and Crop Genome Analysis (Seminar)	2	Jung with Emrani
		Literature Club: Current Trends in Plant Breeding and Genome Research (Seminar)	1	Jung with Melzer
		Practical Plant Breeding and Crop Genome Research (Excursion)	1	Jung with Emrani
Agrig AEF020-01a	Selection in Plant Breeding	Selection in Plant Breeding (Lecture)	2	Jung by Emrani
		Selection in Plant Breeding (Practical Course)	1	Jung by Emrani
		Selection in Plant Breeding (Exercises)	1	Jung by Emrani
AEF-agr049	Anleitung zum wissenschaftlichen Arbeiten – Verteidigung Masterarbeit	Anleitung zum wissenschaftlichen Arbeiten – Verteidigung Masterarbeit (together with agrig018)	2	Jung, Melzer, Harloff, Emrani

