Module Name	Module Code
Master Thesis	agrigAEF200-01a
Module Coordinator	
Prof. Dr. Georg Thaller	
Organizer	
Institute of Plant Nutrition and Soil Science - Plant Nutrition	
Institute of Crop Science and Plant Breeding - Plant Breeding	
Institute of Phytopathology - Molecular Phytopathology	
Institute of Animal Breeding and Husbandry - Animal Breeding and Genetics	
Faculty	
Faculty of Agricultural and Nutritional Sciences	
Examination Office	
Faculty of Agricultural and Nutritional Sciences - Examination Office	

ECTS Credits	30
Evaluation	Graded
Duration	1 Semester
Frequency	Takes place every semester
Workload per ECTS Credit	30 hours
Total Workload	900 hours
Contact Time	1 hours
Independent Study	899 hours

Entry Requirements as Stated in the Examination Regulations				
60 credits passed				
Examination(s)				
Examination Name	**Type of Examination**	**Evaluation**	**Compulsory / Optional**	**Weighting**
Master Thesis	Written elaboration/oral defense	Graded	Compulsory	90/10-

Course Content
Identification of appropriate topics suitable for conducting a master thesis in the subject of Agrigenomics. Suggestions will be discussed with the supervisor focusing on motivation and objectives. Comprehensive screen of relevant literature. Draft of content to be discussed with supervisor. Conduction of major part of thesis, generally generating a dataset by own experiments or analyzing available data with statistical or bioinformatic tools. Writing of literature, material and methods, results and discussion. Meeting with supervisor. Writing of introduction, summary, formating and correction of written form and spelling. Presentation of the outcome in a concise manner to an educated audience including a discussion which reflects the major aspects of the thesis.
Learning Outcome
Students are proficient to design, structure and to compile a scientific paper. They are able to identify the setting of a scientific topic and to conduct a literature survey on their own. They are qualified to carry out scientific experiments and are competent to independently operate on the concept, arrange and write the thesis according to scientific standards. They are capable to present research topics in a structured way and to discuss relevant issues appropriately.
Reading List
Bui, N.B. (2019): How to Write a Master‘s Thesis. SAGE Publications, Inc., 5th edition

Use	**Compulsory / Optional**	**Semester**
Master, 1-Subject, AgriGenomics, (Version 2021)	Compulsory	-