Core Module Plan Master **Agrobioinformatics**

1. Sem. WS	**Applied Statistics** (MK-002-EN) 6 CP	**Principles of Scientific Practice** (MK-116-EN) 6 CP	**Analysis of DNA and RNA Sequencing Data** (MK-128-EN) 6 CP	**Genetics of Crop Diversity** (MK-130-EN) 6 CP	**Python Programming for Bioinformatics** (MK-129-EN) 6 CP
2. Sem. SS	**Gene Expression Analysis and Systems Biology** (MK-131-EN) 6 CP	**Analysis of Diversity and Traits in Farm Animals** (MK-135-EN) 6 CP	**Plant Breeding Principles and Methods** (MP-136-EN) 6 CP	**Statistical Learning and Neural Networks** (MP-134-EN) 6 CP	**Biodiversity Monitoring with Molecular Tools** (MK-133-EN) 6 CP
3. Sem. WS	**Wor Placement** or **Profile Module** 6 CP	**Wor Placement** or **Profile Module** 6 CP	**Profile Module** 6 CP	**Profile Module** 6 CP	**Profile Module** 6 CP
4. Sem. SS	**Profile Module** 6 CP	**Master-Thesis** 24 CP			

MK = Master Core Module (mandatory); **MP** = Master Profile Module (optional); **EN** = Module is taught completely in English; **DI** = Module is offered completely digital
WS = winter semester; **SS** = summer semester

Please note: This module schedule is a recommendation of an ideal course of study schedule. The above shown sequence and distribution of the modules during the four semesters of the standard period of study is recommended but not obligatory. The study structure of the faculty 09 (FB 09) allows many individual modifications of the course of study schedule regarding the course and duration of the study program. Reasons for such an adaptation could be e.g. a job, family reasons, chronic illness, disability. Please contact the study coordinators in these matters (studies@fb09.uni-giessen.de). Profile modules may be chosen from the complete module catalogue of the faculty 09. Up to 30 CP of modules from other JLU Master's degree programmes can be included as profile modules, as well as 6 CP of AfK credits (e.g. language courses).

All module catalogues can be found at the website of faculty 09 >> module directories