

STUDY PROGRAM

1 st to 3 rd Semester	
Current Topics in General Genetics	6 CP
Current Topics in Developmental Genetics	6 CP
Current Topics in Plant Physiology	6 CP
Comparative Innate Immunity in Animals and Plants	6 CP
Required elective modules in cell and molecular plant biology, section 1	12 CP
Required elective modules in cell and molecular plant biology, section 2	24 CP
Required elective modules in biology	18 CP
Interdisciplinary Master's Module	12 CP
4th Semester	
Master's Thesis	30 CP

CP: ECTS credit points

Required elective modules in cell and molecular plant biology, section 1 (6 CP per module)

- Molecular Methods in General Genetics
- Molecular and Cellular Principles of Plant Development
- Molecular Plant Physiology I
- Experimental Cell Biochemistry

Required elective modules in cell and molecular plant biology, section 2

- Advanced-Level Course in General Genetics, Developmental Genetics, Plant Biochemistry or Plant Physiology (12 CP per module)
- Advanced Molecular Plant Biology I or II (6 CP per module)
- Molecular Methods in Cell and Molecular Plant Biology (12 CP)
- Molecular Signaling in Plants (12 CP)

The required elective modules in biology can be chosen from the module catalogues of the Department of Biology. The interdisciplinary master's module can be chosen from the general catalogue of the University of Tübingen.

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BIOLOGIE @ TÜBINGEN

The Department of Biology in Tübingen can look back on a long tradition. It was one of the first biology departments to be established in Germany. In teaching and research, we offer a very broad spectrum of methods from classical to modern. State-of-the-art course rooms and laboratories are provided for teaching. Research is focused on our core research areas, Evolution and Ecology, Microbiology / Infection Biology, Neurobiology, Plant Molecular Biology and Molecular Cell Biology and Immunology. We work in close cooperation with the Faculty of Medicine, the Department of Geosciences and the Max Planck Institutes in Tübingen.

The University of Tübingen

Innovative. Interdisciplinary. International. Since 1477. These have been the University of Tübingen's guiding principles in research and teaching ever since it was founded. With this long tradition, the University of Tübingen is one of the most respected universities in Germany. Recently, its institutional strategy was successfully selected for funding in the Excellence Initiative sponsored by the German federal and state governments, making Tübingen one of Germany's eleven universities distinguished with that title of excellence. Tübingen has also proven its status as a leading research university in many national and international competitions – in key rankings Tübingen is listed among the best universities for the Humanities and Social Sciences as well as for Science and Medicine.

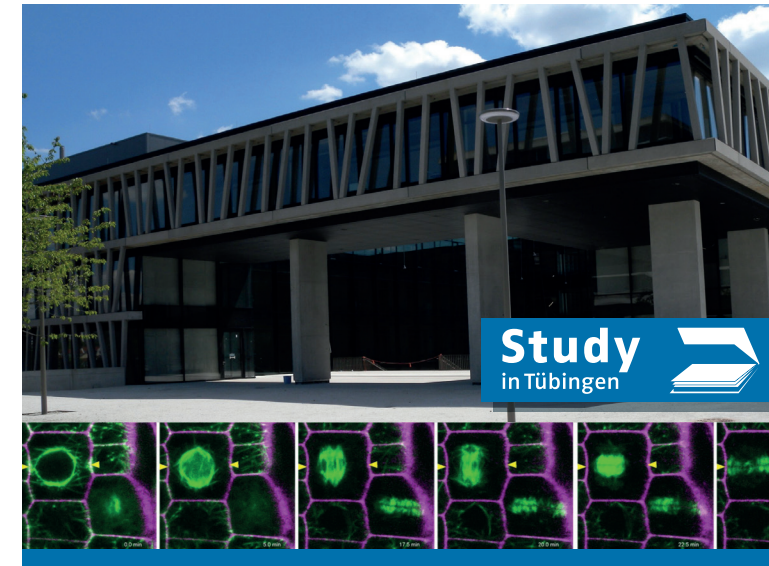
The Town of Tübingen

Tübingen does not have a university, it is a university: young, creative, open, innovative. The picturesque historical town center and its attractive position on the Neckar River offer a high quality of life whether you are studying, working, or taking a break.

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EBERHARD KARLS
UNIVERSITÄT
TÜBINGEN



CELL & MOLECULAR PLANT BIOLOGY

Master of Science

FACULTY OF SCIENCE
Department of Biology



