

Master Chemical Biotechnology

Research Internship

The Compulsory module „Research Internship Master Chemical Biotechnology“

15 CP (2nd or 3rd semester)

Objective

The aim of the research internship is to acquire scientific (laboratory) methods and the basics of independent scientific work in practical activities, which are of high relevance for the later professional activity and contribute to the profile development of the student.

Scope

The compulsory module has a scope of 15 CP and corresponds approximately to a time volume of 450 hours, which should be estimated for learning a scientific method or working on a coherent research project.

The research internship can be planned, in consultation with the supervisor and depending on the research question, either during the lecture period (20 weeks with approx. 18 hours each) or as a block (approx. 9 weeks) during the semester break.

In addition, about one to two weeks of home work must be planned for the theoretical part, i.e. the preparation of the report.

Where can the research internship be done?

The research internship can be done at one of the chairs and departments of the TUM Campus Straubing for Biotechnology and Sustainability. On application, it can also be done at a non-university research institution (e.g. Helmholtz Centre, Fraunhofer Institute, TFZ). Another possibility is offered by companies in the field of chemical biotechnology.

Support

Research internships outside of the TUM need a supervisor at the TUM Campus Straubing for Biotechnology and Sustainability who is authorized to take exams and who has to be contacted before choosing the internship position. The application must include a one-page summary of the planned work.

Report

The result of the scientific-practical activities is summarized in a report (15 to 25 pages).

Grade

The grade for the research internship is based on the evaluation (grades 1 to 5) of the report by the supervisor.

Please register for the research internship together with your supervisor via TUMonline.

(Status: 09.01.2020)