

3. LEVEL OF THE QUALIFICATION

3.1 Level

First professional academic degree. First academic degree of a two-stage degree program with written thesis (Bachelor). Equated with the Bachelor's degree of universities.

3.2 Official Length of Program

Six semesters (three years)

3.3 Admission Requirements

Requirements for enrollment:

- certificate of having passed the 'Abitur' (A-levels),
- certificate of having passed the 'Fachhochschulreife',
- certificate of having passed the 'fachgebundene Hochschulreife',
- equivalent certificate acknowledged by the Saxon Ministry of Science or
- certificate of having passed the examination for the master craftsman's diploma

alternatively:

- aptitude test for applicants with completed vocational training contract and 'Ausbildungsvertrag'

4. CONTENTS AND RESULTS ACHIEVED

4.1 Mode of Study

Full-time

4.2 Program Requirements/Qualification Profile of the Graduate

Graduates of the study program are qualified to carry out professional activities in a wider field of Laboratory and Process Engineering, with a special focus on biotechnology. Additionally the program delivers a sound basis for advanced academic studies, professional trainings and self-management.

Students acquire comprehensive knowledge of mathematics, natural sciences and engineering, including respective methodological skills. During compulsory regular internships every semester (lasting 3 months each) students are trained to apply and widen their theoretical knowledge within a professional context. Finally, in producing the Bachelor Thesis students demonstrate their ability to apply scientific principles and to work independently on a given topic.

4.3 Programme Details

The module-related examinations and the topic of the thesis, including evaluations, are stated in the attached Final Examination Certificate.

4.4 Grading Scheme and Information about Grades

See 8.6 Grading scheme

4.5 Overall Grade

The overall grade is based on the arithmetic average of all grades / marks achieved in the modules stated in the exam regulations including the Bachelor thesis. The grade / mark of the Bachelor Thesis amounts to 20% of the overall grade / mark.

The overall grade / mark is stated in the attached Final Examination Certificate.