

<b>Module title</b>		<b>Abbreviation</b>
Basics in Biotechnology		07-BTNST-102-m01
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Chair of Biotechnology		Faculty of Biology
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
2	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	undergraduate	According to Section 22 Subsection 8 ASPO (general academic and examination regulations), written examinations can consist entirely or partly of multiple choice questions. If the selected method of assessment includes multiple choice questions, students will have to be informed about this in due time. A minimum of two examiners will compile the set of questions and answers in accordance with Section 16 Subsection 1 AS-PO (general academic and examination regulations). They will also determine which answers are to be considered correct. The part of the examination consisting of multiple choice questions will be considered successfully completed if a) a total of a minimum of 60% of the questions asked was answered correctly or if b) a minimum of 50% of questions was answered correctly and the number of questions answered correctly by the examination candidate is no more than 15% lower than the average number of questions answered correctly by students that took the respective examination for the first time. Examination candidates that have correctly answered the minimum number of questions required for successful completion of the examination as specified in sentence 5 will be awarded, in the part of the examination consisting of multiple choice questions, the grade sehr gut (excellent) if they have correctly answered a minimum of 75%, the grade gut (good) if they have correctly answered a minimum of 50% but less than 75%, the grade befriedigend (satisfactory) if they have correctly answered a minimum of 25% but less than 50%, the grade ausreichend (sufficient) if they have correctly answered less than 25% of the rest of the questions asked. When students are informed about the results of the examination, the number of correctly answered questions that was required for successful completion of the examination, the number of questions asked and the average number of questions answered correctly by the reference group mentioned under b) must be communicated to them via the University's notice boards or in another appropriate manner.
<b>Contents</b>		
This module will provide students with an overview of topics in biotechnology: biosensors and environmental biotechnology, microbiotechnology and nanobiotechnology, biomaterials, cryobiotechnology, bioprocess engineering and microbial biotechnology.		
<b>Intended learning outcomes</b>		
Students have become familiar with the fundamental principles of biotechnology.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V + S (no information on SWS (weekly contact hours) and course language available)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
written examination (approx. 30 minutes)		
<b>Allocation of places</b>		
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**Additional information**

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**Referred to in LPO I** (examination regulations for teaching-degree programmes)

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**Module appears in**

Bachelor' degree (1 major) Nanostructure Technology (2010)

Bachelor' degree (1 major) Nanostructure Technology (2012)