Module title			Abbreviation
General chemistry for students of biomedicine			08-CH-BM-102-m01
Module coordinator		**Module offered by**	
Dean of Studies Chemie (Chemistry)		Institute of Organic Chemistry	
ECTS	**Method of grading**	**Only after succ. compl. of module(s)**	
8	numerical grade	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	undergraduate	--	

Contents

This module discusses the fundamental principles of both inorganic and organic chemistry. The lab course gives students the opportunity to learn essential methods and perform simple experiments.

Intended learning outcomes

Students are able to explain the principles of the periodic table and to extract information from it. They are able to explain basic models of the structure of matter. They have developed the ability to use the language of chemical formulas to describe chemical reactions and to interpret them by identifying the type of reaction. They are able to identify fundamental problems in chemistry and perform experiments to solve them.

Courses (type, number of weekly contact hours, language — if other than German)

This module comprises 3 module components. Information on courses will be listed separately for each module component.

- 08-AC-NF-1-102: V (no information on SWS (weekly contact hours) and course language available)
- 08-IOC-1-102: V (no information on SWS (weekly contact hours) and course language available)
- 08-CH-BMP-1-102: P (no information on SWS (weekly contact hours) and course language available)

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

Assessment in this module comprises the assessments in the individual module components as specified below. Unless stated otherwise, successful completion of the module will require successful completion of all individual assessments.

Assessment in module component 08-AC-NF-1-102: Introduction to Inorganic Chemistry for Students of Biology, Medicine and Dentistry

- 3 ECTS, Method of grading: numerical grade
- written examination (approx. 60 minutes)

Assessment in module component 08-IOC-1-102: Organic Chemistry for students of medicine, biomedicine, dental medicine, engineering and natural science

- 3 ECTS, Method of grading: numerical grade
- written examination (approx. 60 minutes)

Assessment in module component 08-CH-BMP-1-102: Practical chemistry course for students of biomedicine

- 2 ECTS, Method of grading: (not) successfully completed
- pre/post-experiment examination talks (Vor-/Nachtestate, approx. 15 minutes each), log (approx. 2 to 5 pages)
- Assessment offered: once a year, summer semester
- Only after successful completion of module components: Successful completion of module component 08-AC-NF-1 or 08-IOC-1 is a prerequisite for participation in module component 08-CH-BMP-1.

Allocation of places

Information on the allocation of places will be listed separately for each module component.

- 08-CH-BMP-1-102: --
- 08-AC-NF-1-102: Only as part of pool of general key skills (ASQ): 15 places. Places will be allocated by lot.
- 08-IOC-1-102: Only as part of pool of general key skills (ASQ): 15 places. Places will be allocated by lot.

Additional information

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Workload
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Teaching cycle
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Referred to in LPO I (examination regulations for teaching-degree programmes)
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Module appears in
Bachelor's degree (1 major) Biomedicine (2009) Bachelor's degree (1 major) Biomedicine (2013)