Module title
Biological Macromolecules

Abbreviation
03-MLSMAC-152-m01

Module coordinator
Dean of the Faculty of Biology

Module offered by
Faculty of Medicine

ECTS
3

Method of grading
Only after succ. compl. of module(s)

Duration
1 semester

Module level
graduate

Other prerequisites
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Contents
The module will introduce students to the foundations of macromolecular architectures as well as frequently applied biophysical methods such as crystallography. The knowledge acquired will serve as a basis for the discussion of the structure and function of selected biological macromolecules.

Intended learning outcomes
Students can understand general structure-function relationships of biological macromolecules and can develop solution strategies for problems in structural biology, including the competence to use in silico approaches.

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

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

Students will be informed about the method, length and scope of the assessment prior to the course. Usually, one of the following options will be chosen: a) written examination (30 to 60 minutes, including multiple choice questions) or b) log (10 to 30 pages) or c) oral examination of one candidate each (30 to 60 minutes) or d) oral examination in groups of up to 3 candidates (30 to 60 minutes) or e) presentation (20 to 45 minutes)

Language of assessment: English

Allocation of places
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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
Master's degree (1 major) FOKUS Life Sciences (2015)