Module title			Abbreviation
Biological Macromolecules			03-MLSMAC-152-m01

Module coordinator	Module offered by
Dean of the Faculty of Biology	Faculty of Medicine

ECTS	Method of grading	Only after succ. compl. of module(s)
3	(not) successfully completed	--

Duration	Module level	Other prerequisites
1 semester	graduate	--

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)

V (3)

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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Workload

90 h

Teaching cycle

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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)