Module title: Nucleus Workshop  
Abbreviation: 07-MKEWO-152-m01

Module coordinator
degree programme coordinator Biologie (Biology)

Module offered by
Faculty of Biology

ECTS: 7
Method of grading: Only after succ. compl. of module(s)

Duration: 1 semester
Module level: graduate
Other prerequisites: --

Contents
This course will use a combination of lectures (daily) and practical experiments. Topics to be covered in the lecture (subject to change):
- nuclear envelope, nuclear pores and nuclear-cytoplasmic transport.
- nuclear envelope, nuclear lamina and their role in chromatin organisation and genetic diseases.
- DNA, chromatin and chromosomes.
- structure and function of nucleoli.
- nuclear-cytoskeletal interactions.

Intended learning outcomes
Students are able to perform practical experiments, applying their theoretical knowledge.

Courses (type, number of weekly contact hours, language — if other than German)
Ü (5) + V (1)
Module taught in: German and/or English

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) oral examination of one candidate each (30 to 60 minutes) or c) oral examination in groups of up to 3 candidates (30 to 60 minutes)
Language of assessment: German and/or 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) Biology (2015)
Master's degree (1 major) Biosciences (2016)
Master's teaching degree Gymnasium MINT Teacher Education PLUS, Elite Network Bavaria (ENB) (2016)
Supplementary course MINT Teacher Education PLUS, Elite Network Bavaria (ENB) (2016)
Master's degree (1 major) Biosciences (2017)
Master's degree (1 major) Biosciences (2018)