

Module title		Abbreviation
Human genetics for students of biochemistry		03-4S1HG-BC-092-m01
Module coordinator		Module offered by
holder of the Chair of of Human Genetics		Faculty of Medicine
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	undergraduate	--
Contents		
Fundamentals of and analytical methods in human and vertebrate cytogenetics. Characterisation of the normal human karyotype and chromosome aberrations. Introduction to chromosome evolution.		
Intended learning outcomes		
Students who complete this module will acquire the theoretical basis of and practical experience in human cytogenetics. They will learn how to prepare and identify human chromosomes and critically interpret cytogenetic findings.		
Courses (type, number of weekly contact hours, language — if other than German)		
This module comprises 2 module components. Information on courses will be listed separately for each module component. <ul style="list-style-type: none"> • 03-4S1HG-BC-1HZ-092: V + Ü (no information on SWS (weekly contact hours) and course language available) • 03-4S1HG-BC-2HZ-092: S (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 03-4S1HG-BC-1HZ-092: Human cytogenetics for students of biochemistry Human cytogenetics for students of biochemistry <ul style="list-style-type: none"> • 3 ECTS, Method of grading: numerical grade • 2 written examinations (multiple choice): mid-semester examination (approx. 15 minutes), end-of-semester examination (approx. 20 minutes), weighted 1:1 		
Assessment in module component 03-4S1HG-BC-2HZ-092: Human cytogenetics for students of biochemistry (Seminar) <ul style="list-style-type: none"> • 2 ECTS, Method of grading: (not) successfully completed • presentation (approx. 20 to 30 minutes) 		
Allocation of places		
Biochemie (Biochemistry) Bachelor's: 4 places. Selection process Biochemie (Biochemistry) Bachelor's: Should the number of applications exceed the number of available places, places will be allocated according to the following quotas: Quota 1 (two thirds of places): current average grade of successfully completed modules; among applicants with the same average grade, places will be allocated by lot. Quota 2 (one third of places) number of subject semesters of the respective applicant; among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated as they become available.		
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' degree (1 major) Biochemistry (2011)

Bachelor' degree (1 major) Biochemistry (2009)