## Module title
Human genetics for biochemistry students

## Abbreviation
03-4S1HUG-BC-152-m01

## Module coordinator
holder of the Chair of Human Genetics

## Module offered by
Faculty of Medicine

## ECTS
5

## Method of grading
numerical grade

## Only after succ. compl. of module(s)
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## Duration
1 semester

## Module level
undergraduate

## Other prerequisites
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## 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
(V (1) + Ü (1.5) + S (0.5))

## Method of assessment
written examination (approx. 30 minutes)

## Allocation of places
Biochemie (Biochemistry), Bachelor’s: 5 places. Selection process Biochemie (Biochemistry), Bachelor’s (180 ECTS credits): 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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## Referred to in LPO I
(examination regulations for teaching-degree programmes)

## Module appears in
Bachelor’ degree (1 major) Biochemistry (2015)
Bachelor’ degree (1 major) Biochemistry (2017)