Module title: Bioinformatics for Advanced Students in Biochemistry

Module coordinator: holder of the Chair of Bioinformatics

Module offered by: Faculty of Biology

ECTS: 5
Method of grading: numerical grade
Duration: 1 semester
Module level: undergraduate

Contents:
The module will introduce students to the practice of bioinformatics and will cover the following topics: sequence analysis, structure analysis, genome analysis, cellular and metabolic networks as well as gene regulation.

Intended learning outcomes:
Students are able to use appropriate bioinformatic algorithms to address simple problems as well as to interpret their results.

Courses:
V + Ü (no information on SWS (weekly contact hours) and course language available)

Method of assessment:
log (approx. 10 to 20 pages)
Language of assessment: German or English

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:
--

Referred to in LPO I (examination regulations for teaching-degree programmes):
--

Module appears in:
Bachelor's degree (1 major) Biochemistry (2013)