

Program of Studies:	Master Program Bioinformatics
Name of the module:	Seminar about bioinformatical topics
Abbreviation:	S-M-1
Subtitle:	Changing Topics
Modules:	2 h weekly
Semester:	offered each semester
Responsible lecturer:	relevant Professor
Lecturer:	Lecturers of Computational Chemistry
Language:	German / English
Level of the unit/ Mandatory or not :	Graduate course/ Mandatory Elective
Course type/weekly hours:	Seminar 2 SWS (bis zu 25 Studierende)
Total workload:	210 h = 32 h classes and 178 h private study
Credits:	7
Entrance requirements:	Basic knowledge in the field of computer science under focus in the respective seminar.
Aims/Competences to be developed:	<p>At the end of the course students have gained a thorough knowledge of current or foundational aspects of a specific area in computer science.</p> <p>They attained competences in independently investigating, classifying, summarizing, discussing, criticizing scientific issues and presenting scientific findings.</p>
Content:	<p>Practical exercising of</p> <ul style="list-style-type: none"> • Reflecting on scientific work, • Analyzing and assessing scientific papers • Composing scientific abstracts • Discussing scientific work in a peer group • Developing common standars for scientific work • Presentation techniques <p>Specific focus according to the individual topic of the seminar</p> <p>Typical course progression:</p> <ul style="list-style-type: none"> - Preparatory meetings to guide selection of individual topics - Repetitive meetings with discussions of selected contributions

	<ul style="list-style-type: none"> - Talk and elaboration on one of the contributions <p>Oral exam on entire scientific area spanned by the seminar</p>
Assessment/Exams:	<ul style="list-style-type: none"> - Contributions to discussions - Thematic talk - Written elaboration - Final oral examination on the entire scientific area spanned by the seminar -
Used media:	<p>Discussions during class</p> <p>Talks based on slides</p>
Literature:	<p>According to the topic</p>