Program of Studies:	**Master Program Bioinformatics**
Name of the module:	**Seminar about bioinformatical topics**
Abbreviation:	**BI-SM-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:	At the end of the course students have gained a thorough knowledge of current or foundational aspects of a specific area in computer science. They attained competences in independently investigating, classifying, summarizing, discussing, criticizing scientific issues and presenting scientific findings.
Content:	Practical exercising of • Reflecting on scientific work, • Analyzing and assessing scientific papers • Composing scientific abstracts • Discussing scientific work in a peer group • Developing common standards for scientific work • Presentation techniques Specific focus according to the individual topic of the seminar Typical course progression: - Preparatory meetings to guide selection of individual topics - Repetitive meetings with discussions of selected contributions - Talk and elaboration on one of the contributions Oral exam on entire scientific area spanned by the seminar

Assessment/Exams:	- Contributions to discussions - Thematic talk - Written elaboration - Final oral examination on the entire scientific area spanned by the seminar -
Used media:	Discussions during class Talks based on slides
Literature:	According to the topic