Georg-August-Universität Göttingen **Module M.CoBi.503: Advanced course in Computational Biology**	12 C

Learning outcome, core skills: The student learns how to independently perform a project in the area of bioinformatics and/or computational biology. Objective of this project can be the development, evaluation / benchmarking, and analysis of bioinformatic software tools, the automation of data processing, and the analysis of biological data with bioinformatic techniques; the scientific question addressed can revolve around bioinformatic problems, biological phenomena and related fields.	**Workload:** Attendance time: 280 h Self-study time: 80 h

Course: M.CoBi.503.Pr **Lab course: 8 weeks, full-time** (Internship) *Course frequency:* each semester	20 WLH
Examination: Oral examination (approx. 30 minutes) M.CoBi.503.Mp: Advanced course in Computational Biology **Examination prerequisites:** scientific presentation and discussion of obtained results (in form of a protocol) **Examination requirements:** independent execution of a project in bioinformatics, proven ability to present own results	12 C

Admission requirements: M.CoBi.501 must be completed	**Recommended previous knowledge:** none
Language: English	**Person responsible for module:** Alle
Course frequency: not specified	**Duration:** 1 semester[s]
Number of repeat examinations permitted: twice	**Recommended semester:**
Maximum number of students: 30	