4. Cross-topic area

Module: Scientific Lectures and Presentations in Chemistry				
University/department/institute: Freie Universität Berlin/Department of Biology, Chemistry and Pharmacy/Institute of Chemistry and Biochemistry				
Responsible for the module: module lecturers				
Admission requirements: none				
Qualification aims: The students are familiar with the current research findings from the colloquiums and lecture series at the Institute of Chemistry and Biochemistry. They can carry out independent research into chemistry-related topics in the relevant specialist literature and present them appropriately to their audience and according to accepted standards. They are capable of assessing literature critically, formulating and testing hypotheses and defending them to a group in discussion. The student's lecture topics are also related to gender and diversity aspects, socially relevant topics related to chemistry and topics from the history of chemistry.				
Content: The scientific lectures, mostly by visiting lecturers, cover current topics of chemical research. The students are given lecture topics from two of the three study areas Inorganic Chemistry, Organic Chemistry and Physical/Theoretical Chemistry. The supervisors are free in their choice of current topics from chemistry or related fields and may also set interdisciplinary topics related to e.g. socially relevant aspects of chemistry or the topic of women in the sciences. The lecture topics should not overlap with the research project topics.				

Teaching and learning units	Attendance (Semester hours per week = SH)	Forms of active participation	Study time (hours)	
Seminar	2	Attending 14 scientific lectures, preparing and holding a lecture	Attendance S Preparation and follow-up S Examination preparation, examination	30 60 60
Language of instruction		German or English		
Compulsory regular attendance		Yes		
Study time, total hours		150 hours		5 CP
Duration of module		One semester		
Module offered		Every semester		
Application		Master's program in Chemistry		