

Institut für Chemie und Biochemie Module descriptions for the bachelor program Chemistry

Module: Lab Training	g in Organic Che	mistry		
University/Department/Ins Chemistry and Biochemistry		tät Berlin/Department of Biolo	ogy, Chemistry, Pharmacy/Ins	titute of
Module supervisors: Lectu	urers of the module			
Entrance Requirements: s Chemistry"	successful completion of	of the modules "Basic and Inorg	panic Chemistry" and "Basics of	Organic
organic synthesis safely. The compounds and on operate breastfeeding women. They	ney know basic rules he ting standard laborato y can independently re cription of the theory. T	to assemble and to operate s ow to avoid potential hazards w ry equipment. They know abo esearch the theoretical backgro hey are able to analyze simple	which may occur on handling ha out specific hazards for pregr ound of an experiment and ca	azardous ant and n give a
theoretical background, inte	erpretation of spectra), graphy, balloon techniq	copy, Mass spectroscopy, U' general laboratory techniques ue, laboratory safety), analytica above)	(Adding of liquids, refluxing, dis	stillation,
Teaching methods	Hours of attendance (Hours per week)	Forms of active participation	Workload (hours)	
Lecture	2	Spectroscopy examination	Presence (L) Pre-, post-preparation (L) Presence (Lab)	30 30
Safety relevant lab	10	Work safety exam,	supervised lab training	150
	10	research on theoretical background, preparation	self-study in lab Pre-, post-preparation (Lab)	60 40
Safety relevant lab training	10	research on theoretical		60
training Language offer of lecture		research on theoretical background, preparation and conduction of experiment (14-18	Pre-, post-preparation (Lab) Exam preparation and examination	60 40
training Language offer of lecture Compulsory regular atten		research on theoretical background, preparation and conduction of experiment (14-18 experiments)	Pre-, post-preparation (Lab) Exam preparation and examination	60 40
training Language offer of lecture Compulsory regular atten Workload (total)		research on theoretical background, preparation and conduction of experiment (14-18 experiments) German, if required by circum	Pre-, post-preparation (Lab) Exam preparation and examination	60 40
training Language offer of lecture Compulsory regular atten		research on theoretical background, preparation and conduction of experiment (14-18 experiments) German, if required by circum Lecture attendance is recomr 360 hours One semester	Pre-, post-preparation (Lab) Exam preparation and examination Instances: English mended, Lab training: yes	60 40 50 12 CP
training Language offer of lecture Compulsory regular atten Workload (total) Length of module Examination		research on theoretical background, preparation and conduction of experiment (14-18 experiments) German, if required by circum Lecture attendance is recomr 360 hours One semester Practical examination (Preser experimental results and prot	Pre-, post-preparation (Lab) Exam preparation and examination Instances: English mended, Lab training: yes	60 40 50 12 CP
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No responsibility is taken for the correctness of this translation of the German document found at

http://www.bcp.fu-berlin.de/studium-lehre/studiengaenge/ordnungen/chemie_container/03_bsc_chemie/chemie_bc_sto_2013.pdf The English versions of the module descriptions are found at

 $http://www.bcp.fu-berlin.de/en/studium-lehre/studiengaenge/chemie/bachelor/modulbeschreibungen/index.html \label{eq:http://www.bcp.fu-berlin.de/en/studiengaenge/chemie/bachelor/modulbeschreibungen/index.html \label{eq:http://www.bcp.fu-berlin.de/en/studiengaenge/chemie/bachelor/modulbeschreibungen/index.html \label{eq:http://www.bcp.fu-berlin.de/en/studiengaenge/chemie/bachelor/modulbeschreibungen/index.html \label{eq:http://www.bcp.fu-berlin.de/en/studiengaenge/chemie/bachelor/modulbeschreibungen/index.html \label{eq:http://www.bcp.fu-berlin.de/en/studiengaenge/chemie/bachelor/modulbeschreibungen/index.html \label{eq:http://www.bcp.fu-berlin.de/en/studiengaenge/chemie/bachelor/modulbeschreibungen/index.html \label{eq:http://www.bcp.fu-berlin.de/en/studiengaenge/chemie/bachelor/modulbeschreibungen/index.html \label{eq:http://www.bcp.fu-berlin.de/en/studiengaenge/chemie/bachelor/modulbeschreibungen/index.html \label{fu-berlin.de/en/studiengaenge/chemie/bachelor/modulbeschreibungen/index.html \label{fu-berlin.de/en/studiengaenge/chemie/bachelor/modulbeschreibungen/index.html \label{fu-berlin.de/en/studiengaenge/chemie/bachelor/modulbeschreibungen/index.html \label{fu-berlin.de/en/studiengaenge/chemie/bachelor/modulbeschreibungen/index.html \label{fu-berlin.de/en/studiengaenge/chemie/bachelor/modulbeschreibungen/index.html \label{fu-berlin.de/en/studiengaenge/chemie/bachelor/modulbeschreibungen/index.html \label{fu-berlin.de/en/studiengaenge/chemie/bachelor/modulbeschreibungen/index.html \label{fu-berlin.de/en/studiengaenge/chemie/bachelor/modulbeschreibungen/index.html \label{fu-berlin.de/en/studiengaenge/chemie/bachelor/modulbeschreibungen/index.html \label{fu-berlin.de/en/studiengaenge$