

Bachelor Chemistry and Chemical Technology (CCT) (033/290)

Detaillierung StHB - Version: 2018W

FACH: General and Inorganic Chemistry					24	290GICH18
Typ	Titel	Std.	ECTS	Klassencode		
PR	Lab Course in General Chemistry	2	2	290GICHLGCP18		
<i>Voraussetzung:</i> KV Chemical Laboratory Safety + VL Introduction to General Chemistry						
		2	2			

Anpassung der Voraussetz-ung

Detaillierung StHB - Version: 2019W

FACH: General and Inorganic Chemistry					24	290GICH18
Typ	Titel	Std.	ECTS	Klassencode		
PR	Lab Course in General Chemistry	2	2	290GICHLGCP18		
<i>Voraussetzung:</i> VL Introduction to General Chemistry + PR Introductory Lab Course OR (particularly for Bachelor Fundamentals of Natural Sciences for Technology): PR Einführungspraktikum Chemie + VL Überblick Chemie I + VL Überblick Chemie II						
		2	2			

FACH: Analytical Chemistry					20,5	290ANCH18
Typ	Titel	Std.	ECTS	Klassencode		
PR	Lab Course in Analytical Chemistry	5	5	290ANCHLACP18		
<i>Voraussetzungen:</i> PR Introductory Lab Course + VL Introduction to General Chemistry + VL Introduction to Analytical Chemistry						
		5	5			

Anpassung der Voraussetz-ung

FACH: Analytical Chemistry					20,5	290ANCH18
Typ	Titel	Std.	ECTS	Klassencode		
PR	Lab Course in Analytical Chemistry	5	5	290ANCHLACP18		
<i>Voraussetzungen:</i> PR Introductory Lab Course + VL Introduction to General Chemistry + VL Introduction to Analytical Chemistry OR (particularly for Bachelor Fundamentals of Natural Sciences for Technology): PR Einführungspraktikum Chemie + VL Überblick Chemie I + VL Überblick Chemie II + VL Introduction to Analytical Chemistry						
		5	5			

FACH: Organic Chemistry and Polymer Chemistry					30,5	290OPCH18
Typ	Titel	Std.	ECTS	Klassencode		
UE	Exercises in Spectroscopy and Structure Elucidation I	1	1,5	290OPCHSP1U18		
VL	Spectroscopy and Structure Elucidation I	1	1,5	290OPCHSP1V18		
		2	3			

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FACH: Organic Chemistry and Polymer Chemistry					30,5	290OPCH18
Typ	Titel	Std.	ECTS	Klassencode		
UE	Interpretation of NMR Spectra and Structure Elucidation of Organic Molecules	1	1,5	290OPCHNMRU19		
VL	NMR Spectroscopy	1	1,5	290OPCHNMRV19		
		2	3			

FACH: Chemical Technologies and Chemical Process Engineering					27	290CTPE18
Typ	Titel	Std.	ECTS	Klassencode		
PR	Lab Course in Chemical Process Engineering	2	2	290CTPELPEP19		
<i>Voraussetzung:</i> VL Chemical Process Engineering + PR Lab Course in General Chemistry + PR Lab Course in Physical Chemistry						
PR	Basic Lab Course in Inorganic Technology	2	2	290CTPEBITP19		
<i>Voraussetzung:</i> VL Materials Characterisation + PR Lab Course in Electrochemistry						
PR	Basic Lab Course in Organic Technology	2	2	290CTPEBOTP19		
<i>Voraussetzung:</i> PR Lab Course in Preparative Organic Chemistry 1 + VL Instrumental Analytical Chemistry						
		6	6			

Umbe-nennung + Anpass. Voraus.

Anpassung der Voraussetz-ung(en)

FACH: Chemical Technologies and Chemical Process Engineering					27	290CTPE18
Typ	Titel	Std.	ECTS	Klassencode		
PR	Basic Lab Course in Chemical Process Engineering	2	2	290CTPELPEP19		
<i>Voraussetzung:</i> VL Chemical Process Engineering + PR Lab Course in General Chemistry + PR Lab Course in Physical Chemistry or admission to the master's program for Chemistry and Chemical Technology						
PR	Basic Lab Course in Inorganic Technology	2	2	290CTPEBITP19		
<i>Voraussetzung:</i> VL Materials Characterisation + PR Lab Course in Electrochemistry or admission to the master's program for Chemistry and Chemical Technology						
PR	Basic Lab Course in Organic Technology	2	2	290CTPEBOTP19		
<i>Voraussetzung:</i> PR Lab Course in Preparative Organic Chemistry 1 + VL Instrumental Analytical Chemistry or admission to the master's program for Chemistry and Chemical Technology						
		6	6			

FACH: Mathematics and Fundamentals in Science					22,5	290MAFS18
Typ	Titel	Std.	ECTS	Klassencode		
KV	Introduction to Mathematics	1	1,5	290MAFSIMAK18		
UE	Applications of Mathematics for Chemistry I	2	3	290MAFSMC1U18	äquivalent	
UE	Applications of Mathematics for Chemistry II	2	3	290MAFSMC2U18	äquivalent	
		5	7,5			

FACH: Mathematics and Fundamentals in Science					22,5	290MAFS18
Typ	Titel	Std.	ECTS	Klassencode		
KV	Applications of Mathematics in Chemistry with Exercises I	3	4,5	290MAFSMC1K19		
UE	Applications of Mathematics in Chemistry with Exercises II	2	3	290MAFSMC2U19		
		5	7,5			

FACH: Bachelor's Thesis					9	290BAAR18
Typ	Titel	Std.	ECTS	Klassencode		
SE	Bachelor's Seminar Chemistry	2	9	290BAARBSCS18	Umbenennung	
		2	9			

FACH: Bachelor's Thesis					9	290BAAR18
Typ	Titel	Std.	ECTS	Klassencode		
SE	Bachelor's Seminar Chemistry and Chemical Technology	2	9	290BAARBSCS19		
		2	9			

Weiterbenutzung der LV's

Spectroscopy and Structure Elucidation I	- Master Molecular Biology - Bachelor NaWiTec - Master Biological Chemistry
Exercises in Spectroscopy and Structure Elucidation I	- Bachelor Biological Chemistry - Bachelor NaWiTec
Lab Course in General Chemistry	- Bachelor Biological Chemistry - Bachelor NaWiTec - Lehramt an TNF (auslaufend)
Lab Course in Analytical Chemistry	- Bachelor Biological Chemistry - Bachelor NaWiTec - Lehramt an TNF (auslaufend)
Basic Lab Course in Chemical Process Engineering	- Master CCT
Introduction to Mathematics	- Bachelor Biological Chemistry