

[Bachelorstudium] 033 663 Biological Chemistry**Studieneingangs- und Orientierungsphase (StEOP) - Detailansicht**

☰ ☰	Bachelorstudium	ECTS Credits
☰	General and Inorganic Chemistry	15,80
	..... <u>VL General and Inorganic Chemistry I</u>	5,20
	..... <u>KV Chemical Calculations</u>	3,00
	..... <u>VL Introduction I to General Chemistry</u>	1,50
	..... <u>VL Introduction II to General Chemistry</u>	1,30
	..... <u>PR Praktikum aus Allgemeiner Chemie</u>	4,80
☰	Analytical Chemistry	18,60
	..... <u>VL Analytical Chemistry 1</u>	3,90
	..... <u>VL Introduction to the Analytical Laboratory</u>	1,30
	..... <u>VL Instrumental Analysis</u>	2,60
	..... <u>PR Laboratory of Instrumental Analysis</u>	2,40
	..... <u>PR Praktikum aus Analytischer Chemie I</u>	8,40
☰	Biochemistry	31,00
☰	..... Modul: Biochemistry 1	4,00
☰	..... Modul: Biochemistry 2	4,00
☰	..... Modul: Biochemistry Laboratory 1	3,00
☰	..... Modul: Biochemistry Laboratory 2	5,00
☰	..... Modul: Biomolecular NMR spectroscopy	3,00
☰	..... Modul: Environmental Chemistry	2,00
☰	..... Modul: Environmental Chemistry Laboratory	3,00
☰	..... Modul: WHO/EU laboratory procedure administration	3,00
☰	..... Biological Chemical Elective subject	4,00
☰	..... Modul: Biochemistry at the Service of Medicine	3,00
☰	..... Modul: Biopharmacy	3,00
☰	..... Modul: Clinical Biochemistry	3,00
☰	..... Modul: Fluorescence Spectroscopy in Biological Systems	3,00
☰	Biology	16,00
☰	..... Modul: Biology of Animals	3,00
☰	..... Modul: Biology of Microorganisms	5,00
☰	..... Modul: Biology of Plants	3,00
☰	..... Modul: Biostatistics	5,00
☰	Informatics	9,00
	..... <u>VL Sequence analysis and phylogenetics</u>	3,00
	..... <u>UE Exercises in Bioinformatics</u>	3,00
☰	..... Modul: Introduction to Bioinformatics	3,00
☰	Communication and Ethics	10,80
	..... <u>KV English for Chemistry 1 (understanding)</u>	3,20

.....	<u>KV English for Chemistry 2 (writing & presenting)</u>	1,60
☐	..... Gender Studies	3,00
	..... <u>KV Gender Studies TNF - Einführung</u>	3,00
☐	..... Modul: Academic Writing for Cross Border Studies	3,00
☐	Mathematics and Physics	23,30
	..... <u>VL Biophysics</u>	3,00
	..... <u>PR Biophysics Laboratory</u>	3,00
	..... <u>VL Mathematics for Chemists 1</u>	2,60
	..... <u>VL Mathematics for Chemists 2</u>	2,60
	..... <u>KV Physics for Biological Chemistry 1</u>	1,60
	..... <u>VL Physics for Biological Chemistry 2</u>	2,60
	..... <u>UE Exercises in Mathematics for Chemists 1</u>	3,20
	..... <u>UE Exercises in Mathematics for Chemists 2</u>	3,20
	..... <u>UE Exercises in Physics for Biological Chemistry</u>	1,50
☐	Molecular Biology	8,50
	..... <u>VL Introduction to Genetics</u>	1,50
☐	..... Modul: Methods in Molecular Biology	4,00
☐	..... Modul: Molecular Biology and Genetics	3,00
☐	Organic Chemistry	13,70
	..... <u>VL Organic Chemistry 1</u>	5,20
	..... <u>PR Laboratory Course of Preparative Organic Chemistry for Biological Chemistry 1</u>	7,00
	..... <u>KV In-depth fundamentals of Preparative Organic Chemistry for Biological Chemistry</u>	1,50
☐	Physical Chemistry	11,60
	..... <u>VL Physical Chemistry 1</u>	5,20
	..... <u>PR Laboratory in Physical Chemistry 1</u>	4,80
	..... <u>UE Exercises in Physical Chemistry 1</u>	1,60
☐	Bachelor's Theses	10,70
☐	..... Bachelor Thesis BC JKU (incl. Bachelor's Seminar)	5,70
	..... <u>SE Bachelor's Seminar Biological Chemistry JKU (Including Bachelor Thesis)</u>	5,70
☐	..... Bachelor Thesis BC SBU (incl. Bachelor's Seminar)	5,00
☐	Free Electives	9,00