

Student ID Number

Degree Program number

EXAMINATION RASTER BACHELOR'S PROGRAM BIOLOGICAL CHEMISTRY

(from 1.10.2018 - updated 1.10.2024)

First name and Family name	
Phone number	
E-Mail	

General and Inorganic Chemistry

Course	Code	Type	ECTS	Exam Date	Grade
Chemical Calculations [L]			4,5		
Exercises in Chemical Calculations [L]	290GICHICCK23	KV	3		
Introduction to Chemical Calculations [L]	290GICHICCV23	VL	1,5		
Inorganic Chemistry I [L]	290GICHIC1V18	VL	4,5		
Introduction to General Chemistry [L]	290GICHIGCV18	VL	3		
Introductory Lab Course [L]	290GICHILCP18	PR	2		
Lab Course in General Chemistry [L]	290GICHLGCP18	PR	2		
Total Grade	5		16		

Analytical Chemistry

Course	Code	Type	ECTS	Exam Date	Grade
Lab Course of Instrumental Analysis for Biological Chemistry [L]	663ANCHLIAP19	PR	2		
Analytical Chemistry [L]	290ANCHANCV18	VL	4,5		
Instrumental Analytical Chemistry [L]	290ANCHINAV18	VL	3		
Introduction to Analytical Chemistry [L]	290ANCHIACV23	VL	1,5		
Lab Course in Analytical Chemistry for Biological Chemists [L]	663ANCHLACP19	PR	5		
Total Grade	10		16		

Organic Chemistry

Course	Code	Type	ECTS	Exam Date	Grade
In-depth fundamentals of Preparative Organic Chemistry for Biological Chemistry [L]	663ORCHIOCK16	KV	1,5		
Laboratory Course of Preparative Organic Chemistry for Biological Chemistry 1 [L]	663ORCHPOCP19	PR	6		
Organic Chemistry 1 for Biological Chemistry [L]	663ORCHOCHV18	VL	4,5		

Interpretation of NMR Spectra and Structure Elucidation of Organic Molecules [L]	290OPCHNMRU19	UE	1,5		
Introduction to Organic Chemistry [L]	290OPCHIOCV18	VL	3		
Total Grade	15		16,5		

Mathematics and Physics

Course	Code	Type	ECTS	Exam Date	Grade
Introduction to Mathematics [L]	290MAFSIMAK18	KV	1,5		
Applications of Mathematics in Biological Chemistry 1 [L]	663MAPHMA1U18	UE	3		
Mathematics for Biological Chemistry 1 [L]	663MAPHMA1V18	VL	3		
Applications of Mathematics for Biological Chemistry 2 [L]	663MAPHMA2U18	UE	3		
Mathematics for Biological Chemistry 2 [L]	663MAPHMA2V18	VL	3		
Exercises in Physics for Biological Chemistry [L]	663MAPHPHYU16	UE	1,5		
Physics 1 for Biological Chemistry [L]	663MAPHPH1K18	KV	1,5		
Physics 2 for Biological Chemistry [L]	663MAPHPH2V18	VL	3		
Biophysics [L]	663MAPHBPHV18	VL	3		
Biophysics Laboratory for Biological Chemistry [L]	663MAPHBPHP18	PR	3		
Total Grade	20		25,5		

General Skills

Course	Class	Type	ECTS	Exam Date	Grade
Introduction into Gender Studies in Science and Engineering [L]	GS-ISE	KV	3		
Academic Writing for Cross Border Studies [B]	1-25-2		3		
Chemical Laboratory Safety [L]	290GESKCLSK18	KV	1		
Total Grade	25		7		

Physical Chemistry

Course	Code	Type	ECTS	Exam Date	Grade
Exercises in Physical Chemistry for Biological Chemistry I [L]	663PHCHPC1U19	UE	1,5		
Physical Chemistry for Biological Chemistry I [L]	663PHCHPC1V20	VL	4,5		
Lab Course in Physical Chemistry for Biological Chemistry [L]	663PHCHLPCP19	PR	4		
Chemical Thermodynamics [L]	290PHCHCTDK18	KV	1,5		
Total Grade	30		11,5		

Molecular Biology

Course	Class	Type	ECTS	Exam Date	Grade
Methods in Molecular Biology [B]	1-35-1		4		
Cellular and Molecular Biology and Genetics I [B]	1-35-2		4		
Introduction to Genetics [L]	663MOBIITGV13	VL	1,5		
Total Grade	35		9,5		

Biochemistry

Course	Code	Type	ECTS	Exam Date	Grade
Biological Chemical Elective Subject (3 ECTS)					
			3		
			3		
			3		
			3		
Biochemistry 1 [B]	1-40-2		4		
Biochemistry 2 [B]	1-40-3		4		
Biochemistry Laboratory 1 [B]	1-40-4		3		
Biochemistry Laboratory 2 [B]	1-40-5		5		
Biogeochemistry [B]	1-40-6		2		
Biological Chemistry Project 1 [B]	1-40-7		1		
Biological Chemistry Project 2 [B]	1-40-8		1		
Biomolecular NMR spectroscopy [B]	1-40-9		3		
Total Grade	40		35		

Biology

Course	Class	Type	ECTS	Exam Date	Grade
Biology of Microorganisms [B]	1-45-2		4		
Omics in Systems Biology [B]	1-45-3		4		
Biostatistics [B]	1-45-5		5		
Total Grade	45		13		

Informatics

Course	Code	Type	ECTS	Exam Date	Grade
Introduction to Bioinformatics [B]	1-50-1		3		
Applied Programming [B]	1-50-3		3		
One of the following courses must be completed					
Sequence Analysis and Phylogenetics [L]	663INFOSAPU22	UE	3		
Sequence Analysis and Phylogenetics [L]	663INFOSAPV22	VL	3		
Introduction to Machine Learning [L]	521ANWEIMLV18	VL	3		
Introduction to AI [L]	536AIBAIIV19	VL	3		
Total Grade	50		9		

Bachelor's Thesis BC JKU (incl. Bachelor's Seminar)

Course	Code	Type	ECTS	Exam Date	Grade
Bachelor's Seminar Biological Chemistry JKU (Including Bachelor Thesis) [L]	663BAARBSBS19	SE	5		
Total Grade	55-1		5		

Bachelor's Thesis BC SBU (incl. Bachelor's Seminar)

Course	Code	Type	ECTS	Exam Date	Grade
Bachelor Thesis Biological Chemistry SBU (including Bachelor's Seminar) [B]	ANTBAARBICS18	SE	5		
Total Grade	55-2		5		

Free Electives

Course	Code	Type	ECTS	Exam Date	Grade
Total Grade	56		9		

Grades at USB**Grades at JKU**

excellent 1	—	sehr gut 1
excellent minus 1-	—	sehr gut 1
very good 2	—	gut 2
very good minus 2-	—	befriedigend 3
good 3	—	genügend 4
unsatisfactory 4	—	nicht genügend 5

State exam USB		Grade
First Subject (1-57-1):		
Second Subject (1-57-2):		
Third Subject (1-57-3):		

Date of last Exam	
passed / passed with distinction	
Linz, _____	
Student Signature	

Registration for the following study

With the completion of the Bachelor's degree in Biological Chemistry, I apply for admission to the following Master's program. The registration takes place on the next working day after graduation.

- Master's Program Sustainability and Plastics Management (SPM) - 066/480
- Master's Program Chemistry and Chemical Technology - 066/491
- Master's Program Biological Chemistry - 066/863
- Do not register for a Master's Program

Linz, _____

Student Signature	
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The Vice-Rector for Academic Affairs