

## List of Courses Taught in English

**Department of Biosciences and Medical Biology**  
**Academic Year 2022/23**

### Bachelor Biology

#### Winter Semester 2022/23

Course No.	Sem.	Title	Duration	Type	ECTS Credits	Lecturer(s)	Language(s) of Instruction
630.108	W	<a href="#">Immunology</a>	1	VO	1,5	Duschl, Horejs-Höck	German, English

#### Summer Semester 2023

Course No.	Sem.	Title	Duration	Type	ECTS Credits	Lecturer(s)	Language(s) of Instruction
630.261	S	<a href="#">Cell based Assays</a>	4	UV	6	Tenhaken, Marozin, Simon-Nobbe, Weiss, Affenzeller	German, English

### Bachelor Molecular Biosciences

#### Winter Semester 2022/23

Course No.	Sem.	Title	Duration	Type	ECTS Credits	Lecturer(s)	Language(s) of Instruction
665.022	W	<a href="#">Presentation of Current Topics in Molecular cell Biology</a>	3	PS	4	Pintaric, Plätzer	English, German

#### Summer Semester 2023

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Course No.	Sem.	Title	Duration	Type	ECTS Credits	Lecturer(s)	Language(s) of Instruction
665.064	S	<a href="#">Methods in Cell Biology</a>	4	UE	4	Breitenbach-Koller, Karl, Bresgen, Mehmer, Friedrich, Dall, Schönauer, Wolff	English, German

## Bachelor Medical Biology

### Winter Semester 2022/23

Course No.	Sem.	Title	Duration	Type	ECTS Credits	Lecturer(s)	Language(s) of Instruction
614.001	W	<a href="#">Medical Biology</a>	1	BC	1,5	Multiple lecturers, click link to course for more info	English, German
614.010	W	<a href="#">Clinical Chemistry</a>	2	UV	2	Geppert, Huber, Fimberger, Blümel, Regl	English, German
614.027	W	<a href="#">Systems Biology</a>	1	PS	1	Esser-Skala, Huber, Regl	English
614.035	W	<a href="#">Regenerative Medicine</a>	1	VO	1,5	Traweger	English
614.036	W	<a href="#">Digitalization</a>	1	VO	1,5	Esser-Skala	English, German
614.039	W	<a href="#">Scientific and Medical English</a>	1	UV	1	Lepperdinger	English, German

### Summer Semester 2023

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Course No.	Sem.	Title	Duration	Type	ECTS Credits	Lecturer(s)	Language(s) of Instruction
665.022	S	<a href="#">Presentation of Current Topics in Molecular and Cellular Biology</a>	3	PS	4	Pintaric, Plätzer	English, German
665.064	S	<a href="#">Methods in Cell Biology</a>	4	P	4	Breitenbach-Koller, Karl, Bresgen, Mehlmer, Friedrich, Dall, Schönauer, Wolff	English, German

**Master Medical Biology**
**Winter Semester 2022/23**

Course No.	Sem.	Title	Duration	Type	ECTS Credits	Lecturer(s)	Language(s) of Instruction
231.103	W	<a href="#">Biomedicine (Tumor Immunology)</a>	4	UV	6	Aberger, Geisberger, Horejs-Höck, Elmer, Schmidt-Arras	English
231.104	W	<a href="#">Biomedicine (Cellular and Molecular Allergology)</a>	4	UV	6	N.N.	English
231.105	W	<a href="#">Biomedicine (Next Generation Sequencing)</a>	4	UV	6	Zaborsky, Risch, Nunes	English
231.106	W	<a href="#">Cell Biology and Pathophysiology (Infection Biology)</a>	4	UV	6	Weßler, Posselt	English
231.107	W	<a href="#">Biomedicine (Epigenetics of Cancer)</a>	4	UV	6	Risch, Wolff, Lahnsteiner	English
231.110	W	<a href="#">Biomedical Data - From Molecules to Diseases</a>	1	VO	1,5	Fortelny	English

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231.111	W	<a href="#">Hands-on Biomedical Data - Resources and Analysis Tools</a>	3	UE	4,5	Lackner, Wiederstein, Fortelny	English
231.112	W	<a href="#">Training Lab I</a>	4	UE	6	Multiple lecturers, click link to course for more info	German, English
231.120	W	<a href="#">Advanced Structural &amp; Molecular Applications in Medical Research</a>	1	SE	1,5	Brandstetter, Schubert	German, English
231.121	W	<a href="#">Lab Course on Chemical &amp; Structural Biology</a>	2	UE	3	Schubert, Dall, Schönauer	German, English
231.127	W	<a href="#">Research Practical: Genetics and Biotechnology (A)</a>	4	AG	6	Brandstetter, Ferreira-Briza, Huber, Stutz	German, English
231.136	W	<a href="#">Structure &amp; Function of Proteins and Medical Applications</a>	1	VO	1,5	Brandstetter, Schubert	German, English
231.138	W	<a href="#">Cancer Genetics I</a>	2	UE	3	Geisberger, Zaborsky	English
231.211	W	<a href="#">Advanced Cell Biology (Advanced Cell Biology in Biomedicine)</a>	1	VO	1,5	Bresgen, Lepperdinger	English
231.212	W	<a href="#">Advanced Cell Biology (Advanced Methods in Cell Biology)</a>	2	UV	3	Marozin, Simon-Nobbe	English
231.213	W	<a href="#">Advanced Cell Biology (Current Topics in Cell Biology and Applications in Biomedicine)</a>	1	SE	1,5	Lepperdinger, Dunlop, Posselt	English
231.222	W	<a href="#">Anatomy and Histology (Lab Course in Human and Mammalian Histology)</a>	3	UV	4,5	Pittner, Steinbacher, Hofer, Pittner	English

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### Department of Biosciences and Medical Biology Academic Year 2022/23

231.231	W	<a href="#">Medical Physiology</a>	2	VO	3	Galler	English
231.232	W	<a href="#">Medical Physiology (Endocrinology and Neurobiology)</a>	1	VO	1,5	Kerschbaum, Weiger	German, English
231.233	W	<a href="#">Medical Physiology (Lab Course in Medical Physiology)</a>	1	UE	1,5	Weiger, Minnich, Karl	English

### Summer Semester 2023

Course No.	Sem.	Title	Duration	Type	ECTS Credits	Lecturer(s)	Language(s) of Instruction
231.100	S	<a href="#">Molecular and Cellular Immunology</a>	2	VO	3	Horejs-Höck, Gratz	English, German
231.101	S	<a href="#">Lab Course in Immunobiochemistry</a>	2	UE	3	Weiss, Horejs-Höck, Gratz	English, German
231.108	S	<a href="#">Cell Biology and Pathoph(Clinical Chemistry and Forensic Diagnostics)</a>	4	UV	6	Huber, Stutz, Karl, Regl	English
231.109	S	<a href="#">Molecular Diagnostics and Clinical Chemistry (Medical Technologies)</a>	4	UV	6	Oostingh, Karl, Emrich, Lindner	English
231.113	S	<a href="#">Training Lab II</a>	4	UE	6	Multiple lecturers, click link to course for more info	English, German
231.122	S	<a href="#">Nanomaterials - Risks and Medical Applications</a>	1	VO	1,5	Duschl, Geppert, Himly	English, German
231.123	S	<a href="#">Lab Course on Nanomaterials</a>	2	UE	3	Himly, Geppert	English, German

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231.124	S	<a href="#">Nanomedical Applications</a>	1	SE	1,5	Duschl, Himly, Geppert	English, German
231.125	S	<a href="#">Molecular Biology of Cancer</a>	2	VO	3	Aberger, Risch	English
231.126	S	<a href="#">Oncogenic Signaling and (Epi)genetics of Cancer</a>	2	UV	3	Aberger, Wiederstein, Wolff, Risch	English
231.137	S	<a href="#">Applied Human Genetics</a>	1	VO	1,5	Bader	English, German
231.139	S	<a href="#">Scientific Writing and Presentation Skills</a>	2	SE	3	Gadermaier, Gratz, Aberger, Ebner-Kalss	English
231.140	S	<a href="#">Job Applications and Interviews</a>	1	SE	1,5	Gratz, Aberger, Dedic-Schwaiger, Traweger, Perju, Willeroirder, Mostböck, Oberdanner	English, German
231.141	S	<a href="#">Cancer Genetics II</a>	2	UE	3	Geisberger, Zaborsky	English
231.142	S	<a href="#">Stem Cell Therapy &amp; Regenerative Medicine</a>	1	SE	1,5	Strunk	English, German
231.241	S	<a href="#">Regenerative Biology and Ageing (Introduction to Regenerative and Stem Cell Biology)</a>	2	VO	3	Lepperdinger	English
231.242	S	<a href="#">Regenerative Biology and Ageing (Advanced Cell Culture, Tissue Engineering and Cellular Ageing)</a>	2	UE	3	Lepperdinger, Marozin, Simon- Nobbe	English

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### Department of Biosciences and Medical Biology Academic Year 2022/23

231.281	S	<a href="#">Cellular and physiological Neurobiology and Neuropathology</a>	4	UV	6	Kerschbaum, Weiger, Bernatzky, Altendorfer, Benedetti, Bieler, Couillard-Depres, Wallner-Aschauer	English
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### Master Molecular Biosciences

#### Winter Semester 2022/23

Course No.	Sem.	Title	Duration	Type	ECTS Credits	Lecturer(s)	Language(s) of Instruction
865.M12	W	<a href="#">Molecular and Cellular Genetic</a>	2	VO		Risch, Ullmann	English
865.M21	W	<a href="#">Proteomics and Systems Biology</a>	2	UV	3	Huber, Blümel, Di Marco, Esser-Skala	English
865.M23	W	<a href="#">Statistics</a>	2	VO	3	Stutz	English
865.M41	W	<a href="#">Big Data Management</a>	1	VO	1,5	Fortelny	English
865.M61	W	<a href="#">Statistics in molecular cell biology</a>	4	UV	6	Bresgen, Stutz	English

#### Summer Semester 2023

Course No.	Sem.	Title	Duration	Type	ECTS Credits	Lecturer(s)	Language(s) of Instruction
865.M52	S	<a href="#">Practical Training in Molecular Biology Research II</a>	6	UE	9	Multiple lecturers, click link to course for more info	German, English
865.M63	S	<a href="#">Structural and functional analysis of proteins</a>	4	UV	6	Huber, Brandstetter, Dall, Regl	German, English

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### Department of Biosciences and Medical Biology Academic Year 2022/23

865.M71	S	<a href="#">Master's Thesis Seminar in Molecular Biology</a>	1	SE	1	Multiple lecturers, click link to course for more info	German, English
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## Doctorate / PhD Natural Science

### Winter Semester 2022/23

Course No.	Sem.	Title	Duration	Type	ECTS Credits	Lecturer(s)	Language(s) of Instruction
796.016	W	<a href="#">Chemical Approaches to Explore Protein Structure, Dynamics and Function I</a>	2	PV	4	NN	English
796.028	W	<a href="#">Current Topics in Epigenetics and Cancer Risk Factors I</a>	2	PV	4	Risch	English
796.036	W	<a href="#">Advanced Protein, Proteome and Metabolome Analysis Techniques 1</a>	4	AG	4	Huber, Stutz	German, English
796.040	W	<a href="#">Molecular Medicine</a>	2	VO	4	Caspari	German, English
796.042	W	<a href="#">Biophysics and Green Bioengineering I</a>	2	PV	4	Obermeyer	English
796.048	W	<a href="#">Bio-Nano &amp; Medical Applications III</a>	2	PV	4	Himly	German, English
796.051	W	<a href="#">The impact of nanoparticles on human health</a>	2	SE	4	Duschl	English



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### Department of Biosciences and Medical Biology Academic Year 2022/23

796.055	W	<a href="#">Doctoral Seminar (Molecular Biology)</a>	1	SE	2	Multiple lecturers, click link to course for more info	German, English
796.058	W	<a href="#">Molecular Mechanisms in Cancer</a>	2	SE	4	Aberger	English, German
796.084	W	<a href="#">Selectivity Principles in Separation Science (1)</a>	2	PV	4	N.N.	German, English
796.632	W	<a href="#">Charles Darwin: "The Origin of Species" ("One long argument" supporting the theory of evolution)</a>	1	VO	4	Pintaric	English, German

### Summer Semester 2023

Course No.	Sem.	Title	Duration	Type	ECTS Credits	Lecturer(s)	Language(s) of Instruction
796.017	S	<a href="#">Chemical Approaches to Explore Protein Structure, Dynamics and Function II</a>	2	PV	4	NN	English
796.029	S	<a href="#">Current Topics in Epigenetics and Cancer Risk Factors II</a>	2	PV	4	Risch	English
796.037	S	<a href="#">Advanced Protein, Proteome and Metabolome Analysis Techniques 2</a>	4	AG	4	Huber, Stutz	English, German
796.038	S	<a href="#">Bioinformatics Pipelines and Automation</a>	2	AG	4	Fortelny, Lackner, Wiederstein	English, German
796.041	S	<a href="#">Molecular Medicine</a>	2	VO	4	Caspari	English, German

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796.042	S	<a href="#">Biophysics and Green Bioengineering II</a>	2	PV	4	Obermeyer	English
796.049	S	<a href="#">Bio-Nano &amp; Medical Applications IV</a>	2	PV	4	Himly	English, German
796.052	S	<a href="#">Signal Transduction in the Immune System</a>	2	PV	4	Duschl	English
796.056	S	<a href="#">Doctoral Seminar (Molecular Biology)</a>	1	BS	2	Multiple lecturers, click link to course for more info	English, German
796.070	S	<a href="#">DSP Biomolecules: Scientific Writing (Advanced Course)</a>	1	SE		Müller, Risch	English, German
796.647	S	<a href="#">The Yin and Yang of Gender: discourse on gender in biology and society</a>	2	VO		Pintaric, Breitenbach-Koller	English, German