

List of Courses taught in English

Department of Biosciences

Academic Year 2019 / 20

Winter Semester 2019/20

Course No.	Sem.	Title	Duration	Type	Lecturer(s)	Language(s) of Instruction
230.200	W	Evolutionary Development and Morphology	4	UV	Steinbacher P , Stoiber W , Pittner S	English
230.300	W	Theoretical Ecology	2	VU	Wickham S , Fuchs R	English
230.301	W	Evolutionary theory, Biosystematics und Biogeography	2	VU	Agatha S , Comes H , Hörger A , Tribsch A	English
230.306	W	Animal Evolution	4	UV	Habel J , (N.N. (PostDoc Habel)), BIO	English
230.316	W	Applied Evolutionary Biology, Biotechnology	4	UV	Tenhaken R , (N.N. (NF Brunauer)), BIO , Hörger A , Tribsch A	English
230.317	W	Master module: Molecular Co-evolution – Symbiotic vs. antagonistic processes	4	UV	(N.N. (NF Brunauer)), BIO , Hörger A , Ruprecht U	English
230.326	W	Community Ecology and Global Change	4	UV	(N.N. (NF Junker)), BIO , Petermann J	English
230.340	W	Masterthesis Seminar	1	SE	Multiple lecturers, click link to course for more information.	English
231.102	W	Area: Cell Biology and Pathophysiology (Advanced Molecular and Cellular Immunology)	4	UV	Weiss R , Horejs-Höck J	English
231.103	W	Area: Biomedicine (Tumor Immunology)	4	UV	Aberger F , Geisberger R , Horejs-Höck J , Hartmann T	English
231.105	W	Area: Biomedicine (Next Generation Sequencing)	4	UV	Zaborsky N , Risch A , Lackner P	English
231.106	W	Area: Cell Biology and Pathophysiology (Infection Biology)	4	UV	Weßler S , Posselt G , Bernegger S	English
231.107	W	Area: Biomedicine (Epigenetics of Cancer)	4	UV	Risch A , Wolff E , (N.N. (PostDoc Risch)), BIO	English
231.110	W	Biomedical Data - From Molecules to Diseases	1	L	Lackner P	English

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231.111	W	Hands-on Biomedical Data - Resources and Analysis Tools	3	P	Lackner P , Wiederstein M	English
231.112	W	Training Lab I	4	P	Multiple lecturers, click link to course for more information.	German, English
231.127	W	Research Practical: Genetics and Biotechnology (A)	4	P	Brandstetter J , Cabrele C , Ferreira-Briza E , Huber C , Stutz E	German, English
231.134	W	Stem Cells in Regenerative Medicine	1	L	Traweger A	English
231.138	W	Cancer Genetics	2	P	Geisberger R , Zaborsky N	English
231.211	W	Advanced Cell Biology (Advanced Cell Biology in Biomedicine)	1	L	Bresgen N , Lepperdinger G	English
231.212	W	Advanced Cell Biology (Advanced Methods in Cell Biology)	2	UV	Marozin S , Simon-Nobbe B	English
231.213	W	Advanced Cell Biology (Current Topics in Cell Biology and Applications in Biomedicine)	1	SE	Lepperdinger G , Dunlop J , Posselt G	English
231.222	W	Anatomy and Histology (Lab Course in Human and Mammalian Histology)	3	UV	Stoiber W , Steinbacher P , Jakob L , (N.N. (Tanja Karl, NF Bogner)), BIO	English
231.231	W	Medical Physiology	2	L	Galler S	English
231.232	W	Medical Physiology (Endocrinology and Neurobiology)	1	L	Kerschbaum H , Weiger T	German, English
231.233	W	Medical Physiology (Lab Course in Medical Physiology)	1	P	Weiger T , Minnich B , (N.N. (Tanja Karl, NF Bogner)), BIO	English
231.272	W	Gebundenes Wahlmodul - Bereich: Cell Biology and Pathophysiology (Advanced Cell Biology - Organ-on-Chip Technology)	4	UV	Lepperdinger G , Marozin S , Dunlop J , Simon-Nobbe B	English, German
231.281	W	Cellular and physiological Neurobiology and	4	UV	Kerschbaum H , Weiger T , Bernatzky G , Aigner L , Couillard-Despres S	English

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		<u>Neuropathology</u>				
485.049	W	<u>Biochemistry (Lab Course)</u>	2	P	Himly M , Duschl A , Gratz I , Korotchenko E , Horejs-Höck J , Weiss R , Geppert M , Hauser M , Obermeyer G	German, English
630.108	W	<u>Introduction in Immunology</u>	1	L	Duschl A , Horejs-Höck J	English, German
630.109	W	<u>Biophysical Chemistry</u>	1	L	Cabrele C	English, German
665.022	W	<u>Presentation of Current Topics in Molecular and Cellular Biology</u>	3	P	Pintaric M , Plätzer K	English, German
796.016	W	<u>Chemical Approaches to Explore Protein Structure, Dynamics and Function I</u>	2	SE	Cabrele C	English
796.028	W	<u>Current Topics in Epigenetics and Cancer Risk Factors I</u>	2	SE	Risch A	English
796.034	W	<u>Special Topics of Immunology and Allergology I (Three-Dimensional Cell Culture Systems: novel ways to monitor physiological processes in vitro)</u>	2	UV	(N.N. (Biowissenschaften)), BIO	English
796.036	W	<u>Advanced Protein, Proteome and Metabolome Analysis Techniques 1</u>	4	P	Huber C , Stutz E , Reischl R , Wohlschlagler T	German, English
796.040	W	<u>Molecular Medicine</u>	2	L	(N.N. (Biowissenschaften)), BIO	German, English
796.042	W	<u>Molecular Pollen Biology</u>	2	SE	Obermeyer G	English
796.046	W	<u>Chancing Paradigms in Immunology</u>	2	SE	Weiss R	English
796.048	W	<u>Bio-Nano & Medical Applications III</u>	2	SE	Himly M	German, English
796.051	W	<u>The impact of nanoparticles on human health</u>	2	SE	Duschl A	English
796.055	W	<u>Doctoral Seminar</u>	1	BS	Multiple lecturers, click	German,

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		(Molecular Biology)			link to course for more information.	English
796.058	W	Molecular Mechanisms in Cancer	2	SE	Aberger F	English, German
796.070	W	DSP Biomolecules: Scientific Writing (Advanced Course)	1	L	Müller E, Risch A	English, German
796.084	W	Selectivity Principles in Separation Science (1)	2	SE	Reischl R	German, English
796.300	W	Doctoral Seminar (Ecology and Evolution)	1	BS	Multiple lecturers, click link to course for more information.	English
796.310	W	Current topics in the biosystematics of protists	2	SE	Agatha S	English, German
796.313	W	Current topics in plant chemical ecology and interactions	2	SE	Dötterl S	English
796.315	W	Current topics in community ecology of animals	2	SE	Petermann J	German, English
796.316	W	Current topics in molecular ecology and biogeography of plants	2	SE	Tribsch A	English
796.317	W	Current topics in plankton ecology	2	SE	Wickham S	English
796.326	W	Current topics in aquatic ecology: basic and applied aspects	2	SE	Berninger U	English
796.613	W	Metabolism of sugars and nucleotide sugars in plants (I)	2	SE	Tenhaken R	German, English
796.632	W	Charles Darwin: "The Origin of Species" ("One long argument" supporting the theory of evolution)	1	L	Pintaric M	German, English
865.M21	W	Proteomics and Systems Biology	2	UV	Himly M, Regl C, Wohlschlager T	English
865.M23	W	Statistics	2	L	Stutz E	English
865.M41	W	Big Data Management	1	L	Esser-Skala W	English

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Summer Semester 2020

Course No.	Sem.	Title	Duration	Type	Lecturer(s)	Language(s) of Instruction
230.302	S	Biodiversity and Evolutionary theory	1	SE	Agatha S , Comes H , Hörger A , Tribsch A	English
230.303	S	Experimental design and statistics	2	UV	Petermann J , (N.N. (Senior Scientist)), BIO	English
230.304	S	GIS and spatial simulation	2	UV	Wallentin G	English
230.305	S	Biodiversity and Evolution of Plants	4	UV	Comes H , (N.N. (NF Brunauer)), BIO , Tribsch A	English
230.307	S	Experimental Ecology of Animals	4	UV	Berninger U , Wickham S , Agatha S , Wanzenböck J	English
230.308	S	Experimental Plant Ecology	4	UV	Dötterl S , (N.N. (NF Junker)), BIO	English
230.309	S	Ecology and Biodiversity of Temperate Environments : High Alpin Organisms	6	P	Tribsch A , Dötterl S , Staudinger M	English
230.314	S	Central Europe's Natural Ecosystems	2	P	Tribsch A	English
230.321	S	Applied Ecology and Nature Conservation	4	UV	Berninger U , Maletzky A , Nowotny G , Petermann J , Tribsch A	English
230.325	S	Terrestrial and marine ecology of the Mediterranean, Giglio,	6	P	Berninger U , Wickham S , Freund H	English

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		Italy				
230.341	S	Masterthesis Seminar	1	SE	Multiple lecturers, click link to course for more information.	English
231.100	S	Molecular and Cellular Immunology	2	L	Horejs-Höck J , Weiss R , Gratz I	German, English
231.101	S	Lab Course in Immunobiochemistry	2	P	Weiss R , Horejs-Höck J , Gratz I , Aglas L	English, German
231.108	S	Area: Cell Biology and Pathophysiology (Clinical Chemistry and Forensic Diagnostics)	4	UV	Huber C , Stutz E , Regl C , Schwenoha K	German, English
231.113	S	Training Lab I	4	P	Multiple lecturers, click link to course for more information.	German, English
231.118	S	Good Laboratory Practice and Ethical Conduct	1	L	Gadermaier G	German, English
231.120	S	Advanced Structural & Molecular Applications in Medical Research	1	SE	Brandstetter J , Cabrele C	German, English
231.121	S	Lab Course on Chemical & Structural Biology	2	P	Schubert M , Dall E , Schönauer E	German, English
231.122	S	Nanomaterials - Risks and Medical Applications	1	L	Duschl A , Himly M	German, English
231.123	S	Lab Course on Nanomaterials	2	P	Himly M , Weiss R , Geppert M	German, English
231.124	S	Nanomaterial Applications	1	SE	Duschl A , Himly M , Geppert M	German, English
231.125	S	Molecular Biology of Cancer	2	L	Aberger F , Risch A	English
231.126	S	Oncogenic Signaling and	2	UV	Aberger F , Wiederstein M , (N.N. (Senior	English

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		(Epi)genetics of Cancer			Scientist)), BIO, Peer E, Wolff F, Risch A	
231.136	S	Structure & Function of Proteins and Medical Applications	1	L	Cabrele C, Brandstetter J, Schubert M	German, English
231.137	S	Applied Human Genetics	1	L	Bader I	German, English
231.139	S	Scientific Writing and Presentation Skills	2	SE	Gratz I, Aberger E, Schabetsberger R, Gadermaier G	English, German
231.140	S	Job Applications and Interviews	1	SE	Gratz I, Mostböck S, Willerroider M, Aberger F	English, German
231.141	S	Cancer Genetics II	2	P	Geisberger R, Zaborsky N	English
231.241	S	Regenerative Biology and Ageing (Introduction to Regenerative and Stem Cell Biology)	2	L	Lepperdinger G, Aigner L	English
231.242	S	Regenerative Biology and Ageing (Advanced Cell Culture, Tissue Engineering and Cellular Ageing)	2	P	Lepperdinger G, Marozin S, Simon-Nobbe B	English
485.014	S	Health, Safety and Regulation	2	L	Duschl A, Himly M, Geppert M	English
485.050	S	Bio-Nano Interaction	2	L	Duschl A, Himly M, Huber C	English
630.261	S	Cell based Assays	4	UV	Tenhaken R, Lütz-Meindl U, Marozin S, Simon-Nobbe B, Weiss R	German, English
665.022	S	Presentation of Current	3	P	Gratz I, (N.N. (Senior	English,

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		Topics in Molecular and Cellular Biology			Scientist)), BIO, Pintaric M, Plätzer K	German
665.064	S	Methods in Cell Biology (Course 7)	4	P	Breitenbach-Koller H, Bresgen N, Dall E, Friedrich A, Mehler N, Schönauer E, Wolf F	German, English
796.017	S	Chemical Approaches to Explore Protein Structure, Dynamics and Function II	2	SE	Cabrele C	English
796.029	S	Current Topics in Epigenetics and Cancer Risk Factors II	2	SE	Risch A	English
796.035	S	Special Topics of Immunology and Allergology II (Using the CRISPR/Cas9 system for genome engineering)	2	L	(N.N. (Biowissenschaften)), BIO	English
796.037	S	Advanced Protein, Proteome and Metabolome Analysis Techniques 2	4	P	Huber C, Reischl R, Stutz E, Wohlschlag T	German, English
796.038	S	Bioinformatics Pipelines and Automation	2	P	Lackner P, Wiederstein M	German, English
796.039	S	Immunobiology / Immunochemistry	4	P	Weiss R, Duschl A, Ferreira-Briza F	German, English
796.047	S	Danger-Signals for the Immune System	2	SE	Weiss R	English
796.049	S	Bio-Nano & Medical Applications IV	2	SE	Himly M	German, English
796.052	S	Signal Transduction in the Immune System	2	SE	Duschl A	English

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796.056	S	Doctoral Seminar (Molecular Biology)	1	BS	Multiple lecturers, click link to course for more information.	German, English
796.085	S	Selectivity Principles in Separation Science (2)	2	SE	Reischl R	German, English
796.301	S	Doctoral Seminar (Ecology and Evolution)	1	BS	Multiple lecturers, click link to course for more information.	English
796.318	S	Current topics in the biosystematics of protists	2	SE	Agatha S	English
796.320	S	Current topics in evolutionary and biosystematic research of plants	2	SE	Comes H	German, English
796.321	S	Current topics in plant chemical ecology and interactions	2	SE	Dötterl S	English
796.323	S	Current topics in community ecology of animals	2	SE	Petermann J	German, English
796.324	S	Current topics in molecular ecology and biogeography of plants	2	SE	Tribsch A	English
796.325	S	Current topics in plancton ecology	2	SE	Wickham S	English
796.327	S	Current topics in aquatic ecology: basic and applied aspects	2	SE	Berninger U	English
796.623	S	Metabolism of sugars and nucleotide sugars in plants (II)	2	SE	Tenhaken R	German, English
796.647	S	The Yin and Yang of	2	L	Pintaric M , Breitenbach-	English,

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		Gender: discourse on gender in biology and society			Koller H	German
796.648	S	Epigenomics of chromosome stability in the yeast model	1	L	Bruschi C	English
865.M52	S	Practical Training in Molecular Biology Research II	6	P	Multiple lecturers, click link to course for more information.	German, English
865.M61	S	Statistics in molecular cell biology	4	UV	Bresgen N , Stutz E	English
865.M63	S	Structural and functional analysis of proteins	4	UV	Huber C , Brandstetter J , Dall E , Regl C , Wohlschlagler T	English, German
865.M71	S	Master's Thesis Seminar in Molecular Biology	1	SE	Multiple lecturers, click link to course for more information.	German, English