



Curriculum

Master Molecular Medicine, M.Sc., FSPO 2025

Semester	Status	Modul-No.	Exam-No.	Modules	CP	Event-No. in the course catalogue
Compulsory Elective Modules to Molecular Medicine - min. 18 CP out of 39 CP						
1.	CEM	72138	13705	Bioinformatics and Systems Biology	6	MOME.MA1002
1.	CEM	74635	14635	Current Concepts in Stem Cell Biology and Regenerative Medicine	6	MOME.MA1001
1.	CEM	74025	14025	European Patent Law for Molecular and Translational Neuroscience	3	MEDex28
1.	CEM	74305	14305	Introduction to Human Neurophysiology	3	MEDex29
1.	CEM	74311	14311	Introduction to Human Neuroanatomy	3	MEDex30
1.	CEM	75672	15672	Mechanisms and Diseases of Aging and Interventions	6	MOME.MA1019
1.	CEM	75209	15209	New Drug Discovery, Development and Evaluation	6	MOME.Ma1003
1.	CEM	75245	15245	Toxicology for Natural Sciences	3	MOME.Ma1026
1.	CEM	75106	15106	Translational Imaging	3	MOME.Ma1006
Compulsory Modules						
1.	CM	75171	15171	Practical Training in Laboratory Methods (3-weeks lab internship)	9	MOME.Ma1004
2.	CM	75087		<i>Molecular Oncology</i>		
			15087	Research Internship Molecular Oncology (4-weeks)	9	
			15987	Seminar Molecular Oncology	3	MOME.Ma1006
2.	CM	74636	14636	Bioethics, Philosophy and Good Practice of Science	6	MOME.Ma1010
				<i>Trauma and Infection</i>		
2.	CM	75090	15090	Research Internship Trauma and Infection (4-weeks)	9	MOME.Ma1027
			15990	Seminar Trauma and Infection	3	MOME.Ma1026
				<i>Cell Biology</i>		
3.	CM	75279	15279	Research Internship Cell Biology (4-weeks)	9	MOME.MA1023
			15979	Seminar Cell Biology	3	MOME.MA1025
3.	CM	72142	13704	Clinical Trials, Project Management and Funding	6	MOME.Ma1013 MOME.Ma1014
Compulsory Elective Area - 12 CP - Compulsory Choice between Molecular Oncology II and Toxicology						
3.	CEM	75088		<i>Molecular Oncology II</i>		
			15088	Research Internship Molecular Oncology II (4-weeks)	9	MOME.MA1024
			15988	Seminar Molecular Oncology II	3	MOME.Ma1018
3.	CEM	75277		<i>Toxicology</i>		
			15277	Research Internship Toxicology (4-weeks)	9	MOME.MA1024
			15977	Seminar Toxicology	3	MOME.Ma1018
Complementary Area - min. 3 CP						
1.-3.	CM			Complementary Area (Soft Skills, Language course, additional internships etc. see Module Handbook)	3	
Master's Thesis						
4.	CM	80000		<i>Master's Thesis and Disputation</i>		
			88888	Master's Thesis incl. Journal Club and Progress Report (written thesis)	20	
			88889	Disputation on Master's Thesis (oral presentation)	10	
					Total CP:	min. 120

CM = Compulsory Module, CEM = Compulsory Elective Module, CP = Credit Points (ECTS)