



<b>Curriculum</b>						
<b>Master Molecular and Translational Neuroscience, M. Sc.</b>						
Semester	Module-No.	Modules	Event-no. in the course catalogue	CP	Status	Exam-No.
		<b>Introduction to Molecular and Translational Neuroscience</b>		<b>18</b>		
1.	<b>74023</b>	<i>Molecular and Translational Neuroscience (lecture)</i>	MEDex10	3	CM	14023
1.	<b>74305</b>	<i>Introduction to Human Neurophysiology (lecture)</i>	MEDex29	3	CM	14305
1.	<b>74311</b>	<i>Introduction to Human Neuroanatomy (lecture)</i>	MEDex30	3	CM	14311
1.	<b>74313</b>	<i>Practical Training in Laboratory Methods (3-weeks lab internship)</i>	MEDex33	9	CM	14313
		<b>Compulsory Elective Modules to Introduction in MTN</b>		<b>12 out of 34</b>		
1.	<b>74025</b>	<i>European Patent Law for MTN (block event)</i>	MEDex28	3	CEM	14025
1.	<b>74314</b>	<i>Laboratory Methods I (1-week lab internship)</i>	MEDex31	3	CEM	14314
1.	<b>75008</b>	<i>Clinical Neuroscience Basic Lectures (lecture)</i>	MED70000.064a	3	CEM	15008
1.	<b>75009</b>	<i>Clinical Neuroscience Seminar (seminar)</i>	MED70000.064c	3	CEM	15009
1.	<b>72138</b>	<i>Bioinformatics and Systems Biology (lec/sem/exc)</i>	MOME.Ma 1002	6	CEM	13705
1.	<b>74635</b>	<i>Current Concepts in Stem Cell Biology and Regenerative Medicine (lec/sem/exc)</i>	MOME.Ma 1001	6	CEM	14635
1.	<b>75312</b>	<i>Appropriate Medical Device Design (lecture/exercise)</i>	ENGBMT75312	4	CEM	15312
1.	<b>t.b.a.</b>	<i>Mechanisms and Diseases of Aging and Interventions</i>	t.b.a.	6	CEM	t.b.a.
		<b>Compulsory Elective Modules for Advanced MTN</b>		<b>21 out of 30</b>		
2.	<b>74127</b>	<i>Neural Networks in Health and Disease (lecture)</i>	MEDex13	3	CEM	14127
2.	<b>74128</b>	<i>Basics of Stress Physiology (lecture/seminar)</i>	MEDex15	3	CEM	14128
2.	<b>74129</b>	<i>Brain imaging and Neuroanatomy (lecture)</i>	MEDex14	3	CEM	14129
2.	<b>74310</b>	<i>Journal Club in Neurological Diseases (seminar)</i>	MEDex22	3	CEM	14310
2.	<b>74331</b>	<i>Disorders in Psychiatry (lecture/seminar)</i>	MEDex17	3	CEM	14331
2.	<b>75094</b>	<i>Clinical Trials for MTN - Lecture (lecture)</i>	MEDex20	3	CEM	15094
2.	<b>75095</b>	<i>Clinical Trials for MTN - Practical training (practical training)</i>	MEDex21	3	CEM	15095
2.	<b>74333</b>	<i>Laboratory Methods II (1-week lab internship)</i>	MEDex32	3	CEM	14333
2.	<b>75451</b>	<i>Applied Statistics for Medical Sciences (seminar)</i>	MEDex36	3	CEM	15451
2.	<b>75464</b>	<i>Good Scientific Practice (seminar)</i>	MEDex35	3	CEM	15464
2.	<b>74040</b>	<i>From Basic Research to Product Seminar (seminar/excursion)</i>	MEDex16	3	CM	14040
2.		<i>From Basic Research to Product Lecture (lecture)</i>	MEDex18	3	CM	
		<b>Internships and compulsory modules</b>				
3.	<b>74316</b>	<i>Advanced Methods in Molecular and Translational Neuroscience (4 weeks lab internship)</i>	MEDex27	10	CM	14316
3.	<b>74319</b>	<i>MTN Advanced Practical Training (4-weeks lab internship)</i>	MEDex25	10	CM	14319
3.	<b>74317</b>	<i>MTN Advanced Lecture (lecture)</i>	MEDex23	3	CM	14317
3.	<b>75650</b>	<i>MTN Advanced Seminar (seminar)</i>	MEDex24	4	CM	15650
3.	<b>74335</b>	<i>Neurological Diseases (lecture)</i>	MEDex19	3	CM	14335
1.-4.		<b>Complementary Area</b> (Soft Skills, Language courses, additional internships etc. see module handbook)		3	CM	
		<b>Thesis</b>				
4.	<b>80000</b>	<b>Masterthesis (written thesis)</b>		20	CM	88888
4.	<b>80001</b>	<b>Disputation (oral presentation)</b>		10	CM	88889

Total CP: **min. 120**

CM = compulsory modules; CEM = compulsory elective modules; CP = Credit points (ECTS)