M. Sc. Molecular Medicine:
Studienplan für Humanmediziner:innen im Doppelstudium

Querschnittsbereiche mit Fächern aus der Humanmedizin

- Obligatory modules -	WS	SS
MOLMED-O.1 Human Genetics (Baniahmad)	4 SWS	2 SWS
MOLMED-O.2 Clinical Chemistry / Molecular Diagnostics (Kiehntopf/Hoffmann)	3 SWS	3 SWS
MOLMED-O.3 Medical Biometry (Leistritz/Schiecke)	4 SWS	-
MOLMED-O.4 Molecular Pathology (Müller)	3 SWS	3 SWS
MOLMED-O.5 Molecular Pharmacology (Kliewer)	4 SWS	4 SWS

- Obligatory modules -	**WS**	**SS**
MOLMED-O.6 Current Topics of Molecular Pathology (Rubio)	4 SWS	-
MOLMED-O.7 Current Topics of Molecular Pharmacology (Heller)	4 SWS	-

- Compulsory elective module - (Two specialization modules can be selected in any combination).	**WS**	**SS**
MOLMED-S.1 *(15 ECTS)* Molecular Intensive Care (Gräler/Claus)	-	3 SWS 10 SWS
MOLMED-S.2 *(15 ECTS)* Gynecology and Obstetrics (Morales-Prieto/Häfner)	3 SWS	10 SWS
MOLMED-S.3 *(15 ECTS)* Stem Cell Research (Wartenberg)	3 SWS	11 SWS
MOLMED-S.4 *(15 ECTS)* Molecular Genetics (Baniahmad)	3 SWS	8 SWS
MOLMED-S.5 *(15 ECTS)* Oncology (Scholl)	3 SWS	10 SWS
MOLMED-S.6 *(15 ECTS)* Neurosciences (Schmeer/Keiner)	3 SWS 8 SWS	-
MOLMED-S.7 *(15 ECTS)* Rheumatology/Nephrology/Endocrinology (Löffler)	3 SWS	10 SWS
MOLMED-S.8 *(15 ECTS)* Genetic Models to Study Hereditary Disorders (Hübner)	2 SWS	9 SWS
MOLMED-S.9 *(15 ECTS)* Medical Microbiology (Rödel/Ehrhardt)	3 SWS	8 SWS
MOLMED-S.10 *(15 ECTS)* Medical Immunology (Dudziak/Drube)	3 SWS 8 SWS	-
MOLMED-S.11	-	-
MOLMED-S.12 *(15 ECTS)* Neuroepigenetics (Engmann)		3 SWS 8 SWS
MOLMED-S.13 *(15 ECTS)* Experimental Surgery (Dahmen)	3 SWS	8 SWS
MOLMED-S.14 *(15 ECTS)* Experimental Nephrology (Mrowka)	3 SWS	10 SWS
MOLMED-S.15 *(15 ECTS)* Bioinformatics (König)	3 SWS	14 SWS
MOLMED-S.16 ***(15 ECTS)*** Molecular Biological Approaches in Medical Research and Diagnostics (Müller)	3 SWS 8 SWS	-
MOLMED-S.18 *(15 ECTS)* Forensic Sciences (Mall/Peters)	-	3 SWS 12 SWS
MOLMED-S.19 *(15 ECTS)* Quantitative Proteomics for Biomedical Research (Meier-Rosar)	-	3 SWS 8 SWS

- Project modules -		
MOLMED-PM.1 Project Planning for Master's thesis (Supervisor)	4 SWS	-
MOLMED-PM.2 Introductory Project for Master's thesis (Supervisor)	4 SWS	-
MOLMED-PM.3 ***(30 ECTS)*** Master's thesis (Supervisor)	-	10 SWS

WS: winter term
SS: summer term
SWS: lecture hours per week (1 SWS = 45 min)
2-4 SWS = lectures/seminars
8-9 SWS = practical courses