MSc STUDY PROGRAM FOKUS LIFE SCIENCES / 1. Semester

SEMESTER 1	Number in curriculum	Module abbreviation	Obligatory (O) Elective (E)	ECTS	(SWS) hrs of weekly attendance	Course Type	Responsibilty/ Examination number	Lecturers	Room	Study programs involved
Obligatory Modules										
Methods in Life Sciences		07-MLS1	O	10	3 to 4	Lecture		Faculties: Biology, Medicine, Chemistry, or Physics and Astronomy		Biology MSc, Fokus MSc Life Sciences
Topics and Concepts in Life Sciences		07-MLS2	O	10	3 to 4	Lecture		Faculties: Biology, Medicine, Chemistry, or Physics and Astronomy		Biology MSc, Fokus MSc Life Sciences
Research Concepts in Life Sciences		07-MLS3	O	10	8	Lab		Faculties: Biology, Medicine, Chemistry, or Physics and Astronomy	Group Laboratories	Biology MSc, Fokus MSc Life Sciences
SUM ECTS/SWS Semester 1				**30**	**21-23**					

Research Concepts in Life Sciences	One week general presentation plus 4 weeks in labs

MSc STUDY PROGRAM FOKUS LIFE SCIENCES / 2. Semester

SEMESTER 2	Number in curriculum	Module abbreviation	Obligatory (O) Elective (E)	ECTS	(SWS) hrs of weekly attendance	Course Type	Responsibilty/ Examination number	Lecturers	Room	Study programs involved
Masterthesis and Oral Examination										
Thesis Life Sciences (6 Months)		07-MLST-1	O	25	40			Faculties: Biology, Medicine, or Chemistry, or Physics and Astronomy		Fokus MSc Life Sciences
Oral Examination Life Sciences		07-MLST-2	O	5	0	Exam		Faculties: Biology, Medicine, or Chemistry, or Physics and Astronomy		Fokus MSc Life Sciences
SUM ECTS/SWS Semester 2				**30**	**30 to 40**					

Module Descriptions can be found here: https://www2.uni-wuerzburg.de/mhb/MHB1-en-88-g37-H-2015.pdf

MSc STUDY PROGRAM FOKUS LIFE SCIENCES / 3. and 4. Semester

SEMESTER 3 and 4	Number in curriculum	Module abbreviation	Obligatory (O) Elective (E)	ECTS	(SWS) hrs of weekly attendance	course type	Responsibilty/ Examination number	Lecturers	Room	Study programs involved
Experimental Sociobiology		07-MS1ES/-1	O	10	3	lecture and seminar		Faculty of Biology		Biology MSc, Fokus Life Sciences MSc
Neurogenetics of Behaviour		07-MS1NB/-1	O	10	3	lecture and seminar		Faculties of Biology and Medicine		Biology MSc, Fokus Life Sciences MSc
Endogeneous Clocks and Neuronal Development		07-MS1NEC/-1	O	10	3	lecture and seminar		Faculty of Biology		Biology MSc, Fokus Life Sciences MSc
Pathogenicity of Microorganisms		07-MLSPM/-1	O	5	2	lecture and seminar		Faculty of Biology		Biology MSc, Fokus Life Sciences MSc
Infection Biology		07-MLSIN/-1	O	5	2	lecture and seminar		Faculty of Biology		Biology MSc, Fokus Life Sciences MSc
Biochemistry, Physiology and Genetics of Mammalian Cell Culture		07-MSCC/-1	O	5	2	lecture and seminar		Faculty of Biology		Biology MSc, Fokus Life Sciences MSc
Molecular Neurobiology		07-MLSMN/-1	O	5	2	lecture		Faculty of Biology		Biology MSc, Fokus Life Sciences MSc
Macromolecular Crystallography		07-MLSCRY/-1	O	5	2	lecture		Faculty of Biology		Biology MSc, Fokus Life Sciences MSc
Clinical Medicine		07-MLSCMED/-1	O	5	2	lecture		Faculty of Medicine		Biology MSc, Fokus Life Sciences MSc
Clinical Neurobiology		07-MLSCN/-1	O	3	1	lecture		Faculty of Medicine		Biology MSc, Fokus Life Sciences MSc
Molecular techniques		07-MSMT/-1	O	3	1	seminar		Faculties of Biology and Medicine		Biology MSc, Fokus Life Sciences MSc
Biological Macromoelcules		07-MSMAC/-1	O	3	1	lecture		Faculty of Medicine		Biology MSc, Fokus Life Sciences MSc
Special Subject Lecture 1 (variable actual lectures to be specified)		07-MLSL1/-1	O	10	3 to 4	lecture/seminar		Faculties of Biology, Medicine, Chemistry, and Physics and Astronomy		Biology MSc, Fokus Life Sciences MSc
Special Subject Lecture 2 (variable actual lectures to be specified)		07-MLSL2/-1	O	10	3 to 4	lecture/seminar		Faculties of Biology, Medicine, Chemistry, and Physics and Astronomy		Biology MSc, Fokus Life Sciences MSc
Special Subject Lecture 3 (variable actual lectures to be specified)		07-MLSL3/-1	O	5	1 to 2	lecture/seminar		Faculties of Biology, Medicine, Chemistry, and Physics and Astronomy		Biology MSc, Fokus Life Sciences MSc

Special Subject Lecture 4 (variable actual lectures to be specified)		07-MLSL4/-1	O	5	1 to 2	lecture/seminar		Faculties of Biology, Medicine, Chemistry, and Physics and Astronomy		Biology MSc, Fokus Life Sciences MSc
Special Subject Lecture 5 (variable actual lectures to be specified)		07-MLSL5/-1	O	3	1	lecture/seminar		Faculties of Biology, Medicine, Chemistry, and Physics and Astronomy		Biology MSc, Fokus Life Sciences MSc
Special Subject Lecture 6 (variable actual lectures to be specified)		07-MLSL6/-1	O	3	1	lecture/seminar		Faculties of Biology, Medicine, Chemistry, and Physics and Astronomy		Biology MSc, Fokus Life Sciences MSc
Congress Participation 1 (Poster)		07-MSLM1	O	5	0					Biology MSc, Fokus Life Sciences MSc
Congress Participation 2 (Poster)		07-MSLM2	O	5	0					Biology MSc, Fokus Life Sciences MSc
Congress Participation 1 (Talk)		07-MSLMT1	O	10	0					Biology MSc, Fokus Life Sciences MSc
Congress Participation 2 (Talk)		07-MSLMT2	O	10	0					Biology MSc, Fokus Life Sciences MSc
Internship 1		07-MSLEP1	O	10	0	lab				Biology MSc, Fokus Life Sciences MSc
Internship 2		07-MSLEP2	O	10	0	lab				Biology MSc, Fokus Life Sciences MSc
Excursion/Field Study 1		07-MLSEX1	O	5	0	excursion				Biology MSc, Fokus Life Sciences MSc
Excursion/Field Study 2		07-MLSEX2	O	10	0	excursion				Biology MSc, Fokus Life Sciences MSc
Special training program GSLS 1 (to be specified)		07-MLSTP1	O	5	1	tutorial		GSLS		Biology MSc, Fokus Life Sciences MSc
Special training program GSLS 2 (to be specified)		07-MLSTP2	O	5	1	tutorial		GSLS		Biology MSc, Fokus Life Sciences MSc
Special training program GSLS 3 (to be specified)		07-MLSTP3	O	5	1	tutorial		GSLS		Biology MSc, Fokus Life Sciences MSc
Tutorial 1		07-MLSTU1	O	3	0	tutorial				Biology MSc, Fokus Life Sciences MSc
Tutorial 2		07-MLSTU2	O	5	0	tutorial				Biology MSc, Fokus Life Sciences MSc
Responsible Conduct of Research 1		07-MLSRR1	O	2	1	seminar		GSLS		Biology MSc, Fokus Life Sciences MSc
Responsible Conduct of Research 2		07-MLSRR2	O	4	1	seminar		GSLS		Biology MSc, Fokus Life Sciences MSc
Responsible Conduct of Research 3		07-MLSRR3	O	6	1	seminar		GSLS		Biology MSc, Fokus Life Sciences MSc
Research Group Seminar Neuroscience 1		07-MLSRG-NS1	O	5	1	seminar		Members of the Section Neuroscience		Fokus Life Sciences MSc
Research Group Seminar Neuroscience 2		07-MLSRG-NS2	O	5	1	seminar		Members of the Section Neuroscience		Fokus Life Sciences MSc

Graduate Program Seminar Neuroscience 1		07-MLSGP-NS1	O	5	1	seminar		Members of the Section Neuroscience		Fokus Life Sciences MSc
Graduate Programm Seminar Neuroscience 2		07-MLSGP-NS2	O	5	1	seminar		Members of the Section Neuroscience		Fokus Life Sciences MSc
Workshop Neuroscience 1		07-MLSW-NS1	O	5	1	seminar		Members of the Section Neuroscience		Fokus Life Sciences MSc
Workshop Neuroscience 2		07-MLSW-NS2	O	5	1	seminar		Members of the Section Neuroscience		Fokus Life Sciences MSc
Retreat Neuroscience 1		07-MLSR-NS21	O	5	0	seminar		Members of the Section Neuroscience		Fokus Life Sciences MSc
Retreat Neuroscience 2		07-MLSR-NS22	O	5	0	seminar		Members of the Section Neuroscience		Fokus Life Sciences MSc
Neuroscience Lab 1		07-MLS-PC-NS1	O	10	8	lab		Members of the Section Neuroscience		Fokus Life Sciences MSc
Neuroscience Lab 2		07-MLS-PC-NS2	O	10	8	lab		Members of the Section Neuroscience		Fokus Life Sciences MSc
Research Group Seminar Infection and Immunity 1		07-MLSRG-II1	O	5	1	seminar		Members of the Section Infection and Immunity		Fokus Life Sciences MSc
Research Group Seminar Infection and Immunity 2		07-MLSRG-II2	O	5	1	seminar		Members of the Section Infection and Immunity		Fokus Life Sciences MSc
Graduate Program Seminar Infection and Immunity 1		07-MLSGP-II1	O	5	1	seminar		Members of the Section Infection and Immunity		Fokus Life Sciences MSc
Graduate Program Seminar Infection and Immunity 2		07-MLSGP-II2	O	5	1	seminar		Members of the Section Infection and Immunity		Fokus Life Sciences MSc
Workshop Infection and Immunity 1		07-MLSW-II1	O	5	1	seminar		Members of the Section Infection and Immunity		Fokus Life Sciences MSc
Workshop Infection and Immunity 2		07-MLSW-II2	O	5	1	seminar		Members of the Section Infection and Immunity		Fokus Life Sciences MSc
Retreat Infection and Immunity 1		07-MLSR-II1	O	5	0	seminar		Members of the Section Infection and Immunity		Fokus Life Sciences MSc
Retreat Infection and Immunity 2		07-MLSR-II2	O	5	0	seminar		Members of the Section Infection and Immunity		Fokus Life Sciences MSc
Infection and Immunity Lab 1		07-MLS-PC-II1	O	10	1	lab		Members of the Section Infection and Immunity		Fokus Life Sciences MSc

Infection and Immunity Lab 2		07-MLS-PC-II2	O	10	1	lab		Members of the Section Infection and Immunity		Fokus Life Sciences MSc
Research Group Seminar Integrative Biology 1		07-MLSRG-IB1	O	5	1	seminar		Members of the Section Int. Biology		Fokus Life Sciences MSc
Research Group Seminar Integrative Biology 2		07-MLSRG-IB2	O	5	1	seminar		Members of the Section Int. Biology		Fokus Life Sciences MSc
Graduate Program Seminar Integrative Biology 1		07-MLSGP-IB1	O	5	1	seminar		Members of the Section Int. Biology		Fokus Life Sciences MSc
Graduate Program Seminar Integrative Biology 2		07-MLSGP-IB2	O	5	1	seminar		Members of the Section Int. Biology		Fokus Life Sciences MSc
Workshop Integrative Biology 1		07-MLSW-IB1	O	5	1	seminar		Members of the Section Int. Biology		Fokus Life Sciences MSc
Workshop Integrative Biology 2		07-MLSW-IB2	O	5	1	seminar		Members of the Section Int. Biology		Fokus Life Sciences MSc
Retreat Integrative Biology 1		07-MLSR-IB1	O	5	1	seminar		Members of the Section Int. Biology		Fokus Life Sciences MSc
Retreat Integrative Biology 2		07-MLSR-IB2	O	5	1	seminar		Members of the Section Int. Biology		Fokus Life Sciences MSc
Integrative Biology Lab 1		07-MLS-PC-IB1	O	10	1	lab		Members of the Section Int. Biology		Fokus Life Sciences MSc
Integrative Biology Lab 2		07-MLS-PC-IB2	O	10	1	lab		Members of the Section Int. Biology		Fokus Life Sciences MSc
Research Group Seminar Biomedicine 1		07-MLSRG-BM1	O	5	1	seminar		Members of the Section Biomedicine		Fokus Life Sciences MSc
Research Group Seminar Biomedicine 2		07-MLSRG-BM2	O	5	1	seminar		Members of the Section Biomedicine		Fokus Life Sciences MSc
Graduate Program Seminar Biomedicine 1		07-MLSGP-BM1	O	5	1	seminar		Members of the Section Biomedicine		Fokus Life Sciences MSc
Graduate Program Seminar Biomedicine 2		07-MLSGP-BM2	O	5	1	seminar		Members of the Section Biomedicine		Fokus Life Sciences MSc
Workshop Biomedicine 1		07-MLSW-BM1	O	5	1	seminar		Members of the Section Biomedicine		Fokus Life Sciences MSc
Workshop Biomedicine 2		07-MLSW-BM2	O	5	1	seminar		Members of the Section Biomedicine		Fokus Life Sciences MSc
Retreat Biomedicine 1		07-MLSR-BM1	O	5	1	seminar		Members of the Section Biomedicine		Fokus Life Sciences MSc
Retreat Biomedicine 2		07-MLSR-BM2	O	5	1	seminar		Members of the Section Biomedicine		Fokus Life Sciences MSc
Biomedicine Lab 1		07-MLS-PC-BM1	O	10	1	lab		Members of the Section Biomedicine		Fokus Life Sciences MSc
Biomedicine Lab 2		07-MLS-PC-BM2	O	10	1	lab		Members of the Section Biomedicine		Fokus Life Sciences MSc
SUM ECTS/SWS Semester 3 and 4				**60**	**19 to 22**					