

2009-2011 Course list for Master in Infection Biology and Epidemiology / Swiss Tropical Institute

Programme	Major in Biology of Infection		CP	Resp	Major in Epidemiology		CP	Resp
A. Mandatory	Project Work (proposal of MSc thesis and seminar)	AS1	1	RB	Project Work (proposal of MSc thesis and seminar)	AS1	1	RB
	Tutorial (accompanying MSc Thesis) 1 SHW (during 1 semester only)	AS1	1	MT	Tutorial (accompanying MSc Thesis) 1 SHW (during 1 semester only)	AS1	1	MT
	Biostatistics I 3 SHW and exercises	AS1	4	PV	Biostatistics I 4 SHW and exercises	AS1	4	PV
	Interdisciplinary Seminar (Control of Infectious Diseases) 1 SHW	AS2	1	JU	Interdisciplinary Seminar (Control of Infectious Diseases) 1 SHW	AS2	1	JU
	STI Research Seminar (AS)	AS	1	MT	STI Research Seminar (AS)	AS	1	MT
	STI Research Seminar (SS)	SS	1	MT	STI Research Seminar (SS)	SS	1	MT
	Advanced Molecular Parasitology 2 SHW (A6 of Biozentrum)	AS1	2	HPB	Epidemiological Methods 4 SHW	AS1	4	TS
	Immunology of Infection 2 SHW	AS1	2	GP	Key Issues in International Health 2 SHW	AS1	2	CL
	Topics in Host-parasite interactions 3 SHW	SS	3	HPB	Epidemiological Concepts 3 SHW	AS1	3	CL
	Subtotal		16		Subtotal		18	
B. Options	*Assignments in Molecular Parasitology 2 SHW	AS1	2	HPB	*Health Systems (block)**	AS	2	KW
*highly recommended	*Assignments in Immunology of Infection 2 SHW	AS1	2	GP	*Introduction to models of infectious disease transmission and disease (block)**	AS	1	TS
	*Advanced Immunology of Infection 2 SHW	SS	2	GP	*Essentials in Drug Development & Clinical Trials (block)***	AS	2	CB
	*Epidemiological Concepts 3 SHW	AS1	3	CL	*Cultural Epidemiology (block)***	AS	2	MW
	Techniques in Molec. Parasit.: Lab training for Msc students (block)	AS1	4	TV	Biostatistics II 3SHW and exercises	SS1	4	PV
	Drug Discovery and Development for Parasitic Diseases 2 SHW	AS	2	RB	Advanced topics in Biostatistics (Biostatistics III)	AS2/SS	1	PV
	Topics in Clinical Virology 1 SHW	AS	1	GP	Disease Ecology and Human-Animal Interfaces 2 SHW	AS	2	JZ
	Epidemiological Methods 4 SHW	AS	4	TS	Current Ecological and Health Issues in Africa at NLU 2 SHW	AS	2	P.Nagel
	Key Issues in International Health 2 SHW	AS	2	CL	African Ecology (at NLU) 2 SHW	AS	2	P.Nagel
	Journal Club	AS/SS	1	IF	Current Research in Med. Anthropol. and Cultural Epidemiology	AS	3	BO
	A1 of Biozentrum: Adv. Immunology I and II 2 SHW	AS/SS	2	T.Rolink	Drug Discovery and Development for Parasitic Diseases 2 SHW	AS	2	RB
	A2 of Biozentrum: Molecular Virology 2 SHW	AS	2	K.Ballmer	Immunology of Infection 2 SHW	AS1	2	GP
	A3 of Biozentrum: Microbial Cell Struct. and Drug Targets 1 SHW	AS	1	U. Jenal	Adv. Molecular Parasitology 2 SHW (A6 of Biozentrum)	AS	2	HPB
	A4 of Biozentrum: Mechanisms of Microbial Pathogenesis 2SHW	AS	2	G.Cornelis	Topics in Host-Parasite Interactions 3 SHW	SS	3	HPB
	A7 of Biozentrum: Signaling in Inflammation 1 SHW	AS	1	C.Amerl.	Topics in Clinical Virology 1 SHW	AS2	1	GP
	Health Systems (block)**	AS	2	KW	Ecological and evolutionary genetics I	AS	2	JC.Walser
	Introduction to models of infectious disease transmission and disease (block)**	AS	1	TS	Ecological and evolutionary genetics II	SS	2	M.Kölliker
	Essentials in Drug Development & Clinical Trials (block)***	AS	2	CB	Molecular evolution	AS	2	W.Salzb.
	Cultural Epidemiology (block)***	AS	2	MW	Introduction to African Studies (Joint Lecture Series)	AS	3	E.Macamo
	Cell and Infection Biology	AS	4	H. Hirsch				
	Ecological and evolutionary genetics I	AS	3	JC.Walser				
	Ecological and evolutionary genetics II	SS	2 (3)	M.Kölliker				
	Molecular evolution	AS	2	W.Salzb.				
	Subtotal		49		Subtotal		40	
C. Other options	To be discussed with thesis supervisors				Lectures in Social Sciences, Anthropology and other fields in agreement with thesis supervisor			