

	Lecture	Semester	CP	Responsible
A. Mandatory	Module 1 - Foundations in epidemiology			
	Epidemiological concepts	AS1	3	CHL
	Epidemiological methods	AS1	4	DMA
	Chronic diseases epidemiology	AS1	1	NCP
	Environmental epidemiology	AS1	1	MRO
	Qualitative and mixed methods	AS1	2	MES
	Producing, interpreting and using evidence in health care	SS1	2	XBC
	GIS in health and exposure sciences	SS1	2	DVI/CDE
	Module 2 - Biostatistics and computing			
	Biostatistics with Exercises	AS1	3	CSR
	Statistical modelling	AS1	3	PVO
	Data analysis in epidemiology	SS1	3	ARO
	Demography	SS1	2	TFU/TSM
	Statistical methods in trial design	SS1	2	GLA
	Research Data Management	SS1	2	NMA
	Module 3 - Global public health			
	Public health in light of the sustainable development goals	AS1	1	NKU
	Public health across the life course	AS1	2	JDR
	Adv. in infection biology, epidemiology and global public health	AS/SS	1	MTA/UTJ
	Key issues in public and international health	AS1	2	PSN
	Interdisciplinary research in epidemiology and infection biology	AS	1	UTJ
	Health systems	AS1	2	KWY
	Health financing and economic evaluation	SS1	1	STO
	SUBTOTAL		40	
B. Module 4	Transferable skills and competences (5 CP to choose, incl. the two compulsory courses)			
	Good scientific conduct in health sciences	SS1	1	CHL
	Application to an ethics committee	SS1	1	CHB
	Scientific writing	SS1	2	BRA
	Project management	SS	2	AHO
	Effective presentation skills	SS	1	MWI
	Meet the professionals	SS	1	CHL
	SUBTOTAL		8	
C. Optional	Advances in epidemiology, statistics and public health: students must choose 15 CP			
	Mathematical modelling of infectious diseases	SS1	2	MPE/NAC
	Exercise: Interdisciplinary research in epidemiology and infection biology	AS	1	UTJ
	Ecology of infectious disease at the human-animal interface	AS	3	JZI
	Advanced one health methods	SS	2	JZI/NAC
	Current ecological and health issues in Africa	AS	2	UTJ
	Essentials in drug development and clinical trials	SS	2	CHB
	Drug discovery and development for parasitic diseases	AS	2	JKE
	Malaria epidemiology and control	SS	2	TSM
	Medical parasitology and neglected tropical diseases (lecture)	AS	2	PEO
	Medical parasitology and neglected tropical diseases (exercise)	AS	2	PEO
	Bayesian biostatistics and exercises	SS	5	PVO
	Biostatistics (Journal Club)	AS/SS	1	PVO
	Programming in STATA	SS	1	JHA
	Medical entomology	SS	2	PMR
	Health impact assessment	SS	2	ETH ZH
	Programme evaluation (starting SS 2019)	SS	1	MAH
	Climate change and health	SS	1	GCI
	Advanced systematic reviews	AS/SS	4	XBC
	Introduction to R for epidemiological data analysis	SS	1	JHA
	(Current topics in epidemiology) not available for MSc IB und Epi	AS/SS	2	UTJ
	Health interventions (Journal Club)	AS/SS	1	MAH
	Introduction to bioinformatics	AS2	2	PAM
	SUBTOTAL		43	
Additional Options	Lectures from other fields within the University of Basel in agreement with the supervisor/Swiss TPH AND all lectures offered by Swiss TPH (also lectures from Master in Infection Biology).			