

	Lecture	Semester	CP	Responsible	
MANDATORY COURSES	Module a) 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 b) Biostatistics and computing				
	Biostatistics (lecture)	AS1	2	MKAI	
	Biostatistics (exercise)	AS1	1	MKAI	
	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 c) 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	PHA	
		SUBTOTAL		40	
	Module d) 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	
	Module e) Advances in epidemiology, statistics and public health: students must choose 15 CP				
	Mathematical modelling of infectious diseases	SS	2	MPE/NAC	
	Exercise: Interdisciplinary research in epidemiology and infection biology	AS	1	UTJ	
Introduction to One Health	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	All lectures offered by Swiss TPH (also lectures from Master in Infection Biology) AND lectures from other fields within the University of Basel in agreement with the supervisor/Swiss TPH				

AS: autumn semester / CP: credit points / SS: spring semester

24.06.2019

Non-mandatory surplus CP from modules *c) Global & Public Health* and *d) Transferable Skills and Competences* may count towards module *e) Advances in Epidemiology, Statistics and Global & Public Health*.

But be aware that credit points from one lecture cannot be split between two modules.

In module *e) Advances in Epidemiology, Statistics and Global & Public Health* credit points from other study programmes of the University Basel may be used in agreement with Swiss TPH supervisor.

Credit points from other Universities must be approved by the faculty teaching commission **prior to course registration** and will only be granted if at least 3 CP.