

Empfohlener Studienverlauf Masterstudiengang Health Science

Module-number	CP	Title of module	Responsible	R/E ¹	Form	SWS ²	Title of course	Exam (german/english), duration	Language
¹ required/elective module									
² weekly hours per semester									
1st semester									
SG810001	5	Health and Society	Karsch	R	L Ex	2 2	Health and Society Health and Society	Klausur/written exam 90 min	englisch
SG810002	5	Study Design; Ethics - Research Methods	Klug	R	L Se	2 2	Advanced Study Design; Ethics Applied Study Design; Ethics	wiss. Ausarbeitung + Klausur Research paper + written exam 90 min	englisch
SG810004	5	Scientific Data Processing	Link	R	Ex	4	Scientific Data Processing	Klausur/written exam 90 min	englisch
Choose (16 Credits required)									
SG810006	8	Nutrition - Health science Research	Hofmann	E	L Ex	2 2	Nutritional Prevention Strategies and Research Methods of Nutritional Assessment and of Body Composition Measurement	Klausur/written exam 90 min	englisch
SG810007	8	Physical Activity - Health Science Research	Hermisdörfer	E	L Se Ex	2 2 2	Fundamentals of the Development of Cognitive and Motor Functions Contemporary Research Methods in Human Development Lab and Field Research Methods in Human Development	Klausur/written exam 90 min	englisch
SG810035	8	Psychology - Health Science Research	Beckmann	E	L Se	2 2	Methodologies in Psychological Prevention I Research Methods in Psychological Prevention	Präsentation/presentation Übungsleistung /exercises (SL)	englisch

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2nd semester									
SG810003	5	Advanced Statistics	Klug	R	L	2	Advanced Statistics	Klausur/written exam 90 min	englisch
					Se	2	Applied Statistics		
SG810005	5	Qualitative Research Methods	Karsch	R	Se	2	Methodology of Qualitative Research	wiss. Ausarbeitung/Research paper	englisch
					Ex	2	Methods of Qualitative Data Inquiry and Analysis		
Choose (10 Credits required)									
SG810009	5	Nutrition - Health Science Research II	Hofmann	E	Se	2	Presenting Scientific Literature in the Field of Nutritional Prevention	Präsentation/presentation Übungsleistung/exercises	englisch
					Se	1	Pros / Cons of Nutritional Prevention Strategies		
SG810010	5	Physical Activity - Health Science Research II	Hermsdörfer	E	L	2	Advanced Technological Platforms in Sensorimotor Health Research	Klausur/written exam 90 min	englisch
					Se	1	Application of Sensor Technology and Motorized Assistive Devices in the Living Environment		
SG811011	5	Psychology - Health Science Research II	Beckmann	E	L	2	Neurophysiological Approaches and Methods for Research in Psychology	Klausur/written exam 90 min (80 %) Übungsleistung/exercises (20 %)	englisch
					Se	1	Applying Neurophysiological Methods in Assessing and Treating Mental Disorders and Developing Resilience		

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² weekly hours per semester									
2nd and 3rd semester									
Choose (24 Credits required)									
SG810012	12	Cardiovascular/Metabolic Disorders	Oberhoffer	E	Se	1	Assessment of Cardiovascular and Metabolic Health and Disease	Präsentation/presentation	englisch
					Se	1	Planning of Applied Research Projects: Cardiovascular and Metabolic Health and Disease		
					Se	2	Study Management in the Field of Cardiovascular and Metabolic Health and Disease		
SG810013	12	Diversity and Health	Wacker	E	Se	2	Diversity as Challenge for Public Health	Präsentation/presentation	englisch
					Se	2	Diversity and Equity in Health: Applied Research		
					Se	2	Diversity as Challenge for Public Health 2		
					Se	2	Diversity and Equity in Health: Applied Research 2		
SG811014	12	Mental Health and Well-Being	Beckmann	E	Se	2	Forms and Treatments of Mental Disorders	Projektarbeit/seminar projekt	englisch
					Se	2	Applied Research on Prevalence, Prevention and Treatment of Mental Disorders		
SG810015	12	Neurological Health	Hermsdörfer	E	Se	2	Modern Interventions in Neurological Conditions	Präsentation/presentation	englisch
					Se	2	Applied Research into Neurological Disorders		
SG811016	12	Orthopedic Health	Horstmann	E	Se	1	Evidence-Based Therapy of Orthopedic Disorders	wiss. Ausarbeitung/Research paper	englisch
					Se	1	Modern Methods in Orthopedic Research		
					Se	2	Applied Research into Orthopedic Disorders		
SG810030	12	Cancer	Klug	E	L	2	Cancer Applied Research	wiss. Ausarbeitung/Research paper	englisch
					Se	2	Applied Conduct of Cancer Research - Literature Seminar		
					Ex	4	Applied Conduct of Cancer Research - Literature Background, Planning, Conduct and Analyses of Projekts in Cancer Prevention		

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3rd semester									
Choose (15 Credits required)									
WI001121	6	International Management & Organizational Behavior	Kehr	E	L	2	Organizational Behavior	Klausur/written exam 120min	deutsch/ englisch
					L	2	Strategic and International Management		
SG810017	5	Health Technologies in Prevention, Care and Rehabilitation	Wacker	E	Se	2	Developing a Grant Proposal for Inclusive Health Technologies	wiss. Ausarbeitung/Research paper	englisch
					Se	2	Health Technologies in Prevention, Care and Rehabilitation		
MA8113	10	TUM Data Innovation Lab	Fornasier	E	L	2	TUM Data Innovation Lab	Projektarbeit/project work	englisch
SG860017	5	Participation and Inclusion	Königstorfer	E	Se	2	(Dis-)ability, Diversity and Inclusion	Präsentation/presentation	englisch
					Se	2	Inclusive Sport Events		
POL00011	6	Politics for Rocket Scientists: Einführung in die Politikwissenschaften für Nicht-Politikwissenschaftler	Büthe	E	L	3	Politics for Rocket Scientists	Klausur/written exam 60 min	englisch
					Ex	1	Politics for Rocket Scientists		
SG810036	6	Global Health Epidemiology	Klug	E	L	2	Global Health Epidemiology - lecture	Präsentation/presentation	englisch
					Se	2	Global Health Epidemiology - seminar		
SG8000160	6	Sponsorship-Linked Marketing	Königstorfer	E	L	2	Sponsorship-Linked Marketing	Klausur/written exam 60 min	englisch
					Se	2	Sponsorship-Linked Marketing		
SG810032	4	Scientific Writing	Klug	E	Se	2	Scientific Writing	wiss. Ausarbeitung/Research paper	englisch
					Ex	2	Scientific Writing in Practice		
SG810037	6	Systematic Literature Reviews and Meta-Analysis	Klug	E	Se	2	Systematic Literature Reviews and Meta-Analysis - seminar	wiss. Ausarbeitung/Research paper	englisch
					Ex	1	Systematic Literature Reviews and Meta-Analysis - exercise		
SG810023	5	Health, (Dis)ability and Participation in a Global Perspective	Bertmann	E	Se	2	Health, (Dis)ability and Participation in a Global Perspective - An Introduction	Präsentation/presentation	englisch
					Se	2	International Strategies in the Areas of Health Promotion and Inclusive Development		
SG810038	6	Medical Data Science: An Interdisciplinary Practical Course	N.N.	E	L	2	Medical Data Science: An Interdisciplinary Practical Course	Projektarbeit/project work + Klausur/written exam	englisch
					P	4	Medical Data Science: An Interdisciplinary Practical Course - PT		
4th semester									
SG850010	30	Master's Thesis		R	Ko	2	Forschungskolloquium	wiss. Ausarbeitung	englisch