

Überblick 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									
1st semester									
SG810001	5	Health and Society	Göttler, Richter	R	L	2	Health and Society	Klausur/written exam 90 min	englisch
					Ex	2	Health and Society		
SG810002	5	Study Design; Ethics - Research Methods	Klug	R	L	2	Advanced Study Design; Ethics	wiss. Ausarbeitung + Klausur	englisch
					Se	2	Applied Study Design; Ethics	Research paper + written exam 90 min	
SG810004	5	Scientific Data Processing	Laxy, Fan	R	Ex	4	Scientific Data Processing	Klausur/written exam 60 min	englisch
Choose (16 Credits required)									
SG810006	8	Nutrition - Health science Research	Köhler	E	L	2	Nutritional Prevention Strategies and Research	Klausur/written exam 90 min	englisch
					Ex	2	Methods of Nutritional Assessment and of Body Composition Measurement		
SG810007	8	Physical Activity - Health Science Research	Hermsdörfer	E	L	2	Fundamentals of the Development of Cognitive and Motor Functions	Klausur/written exam 90 min	englisch
					Se	2	Contemporary Research Methods in Human Development		
					Ex	2	Lab and Field Research Methods in Human Development		
SG810035	8	Psychology - Health Science Research	Kähle, Ebert	E	L	2	Methodologies in Psychological Prevention I	Präsentation/presentation	englisch
					Se	2	Research Methods in Psychological Prevention	Übungsleistung /exercises (SL)	
SG810041	8	Health Economics	Sundmacher	E	L	2	Health Economics	Klausur/written exam 120 min	englisch
					Ex	2	Health Economics Exercise		
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	Richter	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	Köhler	E	Se	2	Presenting Scientific Literature in the Field of Nutritional Prevention	Präsentation/presentation	englisch
					Se	1	Pros / Cons of Nutritional Prevention Strategies	Übungsleistung/exercises	
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		
SG812011	5	Psychology - Health Science Research II	Spitschan	E	L	2	Modern psychophysiological and neurophysiological methods: Lectures	wiss. Ausarbeitung/Research paper and Posterpräsentation/poster presentation	englisch
					Se	1	Modern psychophysiological and neurophysiological methods: From idea to reproducible research		
SG810045	5	Health Economics II	Sundmacher	E	L	1	Introduction to Empirical Health Economics	wiss. Ausarbeitung/Research paper and Präsentation/presentation	englisch
					Se	2	Empirical Case Studies		
2nd and 3rd semester									
Applied Research (24 Credits required)									
SG810012	12	Cardiovascular/Metabolic Disorders	Schulz	E	Se	1	Assessment of Cardiovascular and Metabolic Health and Disease	Präsentation/presentation and study proposal	englisch
					Se	1	Planning of Applied Research Projects: Cardiovascular and Metabolic Health and Disease		

Überblick Masterstudiengang Health Science

				Se	2	Study Management in the Field of Cardiovascular and Metabolic Health and Disease			
SG81014	12	Mental Health and Well-Being	Ebert	E	Se	2	Forms and Treatments of Mental Disorders	Abstract/written abstract and Präsentation/oral poster presentation (20 min)	englisch
					Se	2	Applied Research on Prevalence, Prevention and Treatment of Mental Disorders		
SG810015	12	Neurological Health	Hermisdörfer	E	Se	2	Modern Interventions in Neurological Conditions	Abstract, Präsentation/presentation	englisch
					Se	2	Applied Research into Neurological Disorders		
SG810030	12	Cancer	Sudharsanan	E	L	2	Cancer Applied Research	wiss. Ausarbeitung/ research paper, Präsentation/presentation	englisch
					Se	2	Applied Conduct of Cancer Research - Literature Seminar		
					Ex	2	Applied Conduct of Cancer Research - Literature Background, Planning, Conduct and Analyses of Projects in Cancer Prevention		
SG810046	12	Evaluation Methods in Public Health and Health Care	Laxy	E	L	2	Evaluation Methods in Public Health and Health Care	Projektarbeit/seminar project mündl. Prüfung/oral exam	englisch
					Se	1	Evaluation Methods in Public Health and Health Care		
					Ex	1	Evaluation Methods in Public Health and Health Care		
SG810025	12	Behavioral Science, Behavior Change and Health	Sudharsanan	E	L	2	Behavioral Science, Behavior Change and Health	Projektarbeit/Project work Präsentation/oral presentation	englisch
					Ex	2	Behavioral Science, Behavior Change and Health (exercise)		
SG810047	12	Economic Evaluations of Health Care Programmes	Sundmacher	E	Se	4	Applications in Economic Evaluations of Health Care Programmes	Projektarbeit/seminar project Klausur/written exam (120 min)	deutsch/englisch
					Ex	2	Exercises in Economic Evaluations of Health Care Programmes		
					L	2	Economic Evaluations of Health Care Programmes		

3rd semester

Curricular Complementary Subjects (9 Credits required)

SG810059	3	Future of Health	Hofmann	E	L	1	Sustainable Health	wiss. Ausarbeitung/research Paper	englisch
					Se	1	Discussion of Sustainable Health Issues		
SG810052	4	Global Health - Equity and Reality	Schierl	E	Se	2	Global Health - Equity and Reality	wiss. Ausarbeitung/Research paper and Präsentation/Presentation	englisch
					Se	2	Sustainable Development in Global Health		
SG810036	6	Global Health Epidemiology	Klug	E	L	2	Global Health Epidemiology	Präsentation/Presentation	englisch
					Se	2	Global Health Epidemiology		
POL65101	6	Global Health (M.Sc.)	Steinert	E	Se	4	Global Health (Introduction to Global Health and Gender Disparities)	wiss. Ausarbeitung/ Research paper, Präsentation/presentation	englisch
SG810050	3	Global Health Policy	Sudharsanan	E	L	2	Global Health Policy	wiss. Ausarbeitung/Research Paper	englisch
					Ex	2	Global Health Policy (exercise)		
SG810058	6	Health Communication	Laxy	E	Se	2	Health Communication	Projektarbeit/project work, wiss. Ausarbeitung/ Research paper, Präsentation/presentation	englisch
SG810033	2	Inklusive Settings in der Hochschullehre	Schwarz	E	L	2	Inklusive Settings in der Hochschullehre	Bericht/ report	deutsch
SG160053	6	Introduction to Health Literacy Research	Okan	E	Ex	1	Introduction to Health Literacy Research exercise	Klausur/written exam, wiss. Ausarbeitung/Research paper, Präsentation/presentation	englisch
					L	2	Introduction to Health Literacy Research lecture		
					Se	2	Introduction to Health Literacy Research seminar		
SG810048	4	Measuring and Characterising Light and Lighting for Human Health	Spitschan	E	L	2	Measuring and characterising light and lighting for human health	Projektarbeit/project work, wiss. Ausarbeitung/ Research paper, Präsentation/presentation	englisch

Überblick Masterstudiengang Health Science

SG810051	6	Mental Health Epidemiology	Atasoy	E	L	2	Mental Health Epidemiology lecture	Präsentation/oral presentation	englisch
					Se	2	Mental Health Epidemiology seminar		
SG860023	5	New Technologies in Neurorehabilitation and Motor Learning	Hermisdörfer	E	Ex	1	New technologies in neurorehabilitation and motor learning - excursion	Projektarbeit/project work, wiss. Ausarbeitung/ Research paper, Präsentation/presentation	englisch
					Ex	2	New technologies in neurorehabilitation and motor learning - exercise		
					L	1	New technologies in neurorehabilitation and motor learning - lecture		
SG810043	4	Public Health and Socio-economic Aspects in the Prevention of Non-communicable Diseases (NCDs)	Laxy	E	Se	3	Public Health and Socio-economic Aspects in the Prevention of Non-communicable Diseases (NCDs)	wiss. Ausarbeitung/Research paper and Präsentation/Presentation	englisch
SG810042	5	Seminar Health Care Management	Sundmacher	E	Se	3	Seminar Health Care Management	wiss. Ausarbeitung/Research paper and Präsentation/Presentation	deutsch
SG810061	4	Sensors and Wearables for Automated Detection of Nutrition, Physical Activity, and Sleep	Köhler	E	Ue	3	Sensors and Wearables for Automated Detection of Nutrition, Physical Activity, and Sleep	wiss. Ausarbeitung/Research Paper	englisch
SG810060	2	Sexually Transmitted Infections in Lower-Middle Income Countries	Klug	E	L	0,6	Sexually Transmitted Infections in Lower-Middle Income Countries seminar	Präsentation/presentation	englisch
					Se	0,6	Sexually Transmitted Infections in Lower-Middle Income Countries seminar		
SG810053	3	Sleep and Circadian Health	Spitschan	E	Se	2	Sleep and circadian health	wiss. Ausarbeitung/Research paper, Präsentation/presentation	englisch
SG811037	6	Systematic Literature Reviews und Meta-Analysen	Klug	E	Se	2	Systematic Literature Reviews and Meta-Analysis	wiss. Ausarbeitung/Research paper and Präsentation/Presentation	englisch
					Ex	2	Systematic Literature Reviews and Meta-Analysis		
SG810058	5	TUM Digital Health Technology Innovation Lab	Biller	E	Se	4	TUM Digital Health Technology Innovation Lab	Übungen/exercises, Bericht/report, Präsentation/presentation	englisch
SG810054	3	TUM Winter School on Human Circadian Rhythms and Sleep Research	Biller	E	Se	2	TUM Winter School on Human Circadian Rhythms and Sleep Research	wiss. Ausarbeitung/Research paper, Präsentation/presentation	englisch
SG160441	3	VHB - Advanced Occupational Safety and Health					Advanced Occupational Safety and Health		englisch
SG810021	3	VHB - Cross-border Health Care Management					Cross-border Health Care Management		englisch
Extracurricular Complementary Subjects (6 Credits required)									
MHP000011	3	Assessment in Neurological Disease	Hermisdörfer, Gulde	E	Pt	4	project week: Assessment in neurological disease	Gruppenarbeit: wiss. Ausarbeitung / group work: abstract	englisch
MGT001410	6	ChangeMakers: Entrepreneurial and Design Competencies for Societal Transformation	Diefenthaler, Tryba	E	Se	4	ChangeMakers: Entrepreneurial and Design Competencies for Societal Transformation		
POL62100	6	Civil Society and Technological Change	Schreurs	E	Se	2	Civil Society and Technological Change - Seminar 1	wiss. Ausarbeitung/Research paper, Präsentation/oral presentation	englisch/deutsch
					Se	2	Civil Society and Technological Change - Seminar 2		
SG160432	3	Erfahrungsorientierte Bewegungsangebote zur	Olufemi	E	Ex	2	Eigenrealisation in einer ausgewählten Bewegungsaktivität	Prüfungsnarrours/Exam course	deutsch

Überblick Masterstudiengang Health Science

SG100432	3	Bewegungsangebote zur Gesundheitsförderung	Christen	L	L	0,25	Auftaktveranstaltung: Gesundheitsförderliche Bewegung	Prüfungspapier/course/Exam course	deutsch
SOT86700	6	EuroTeV Collider - Leave no Waste Behind	N.N.	E	Se	4	EuroTeV Collider - Leave no Waste Behind	Präsentation/presentation, wiss. Ausarbeitung/Research paper, Gruppenprojekt/group project	englisch
POL61500	6	Global Governance, Ethics, and Technology	Eugénia da Conceição-Heldt	E	Se	2	Global Governance, Ethics, and Technology (seminar 1)	wiss. Ausarbeitung/ seminar paper, Präsentation/ presentation	englisch
					Se	2	Global Governance, Ethics, and Technology (seminar 2)		
IN9048	6	Innovationsentwicklung in der Gesundheitsbranche	Traub, Friebe, Navab	E	L	4	Innovationsentwicklung in der Gesundheitsbranche (IN9048)	Projektarbeit/project work, Präsentation/presentation, wiss. Ausarbeitung/Research paper, Klausur/written exam	englisch
WI001121	6	International Management & Organizational Behavior	Hutzschenreuter, Kehr	E	L	2	Organizational Behavior	Klausur/written Exam (120 min)	deutsch/englisch
					L	2	Strategic and International Management		
POL00011	6	Politics for Rocket Scientists: Einführung in die Politikwissenschaft für Nicht-Politikwissenschaftler	Büthe	E	L	3	Politics for Rocket Scientists	written exam/Klausur	englisch
SG8000160	6	Sponsorship-linked Marketing (Online-Kurs)	Königstorfer	E	L	2	Sponsorship-linked marketing (Online-Kurs)	Klausur/ written Exam (60 min)	englisch
					Se	2	Sponsorship-linked marketing (Online-Kurs)		
SOT86750	6	sustAInability	Wurster	E	Se	4	sustAInability	Präsentation/oral presentation, Essay	englisch
MW2245	6	Think. Make. Start.	Zimmermann	E	Se	4	Think. Make. Start.	wiss. Ausarbeitung/Research paper and Präsentation/Presentation	englisch
MA8113	10	TUM Data Innovation Lab	Fornasier	E	L	2	TUM Data Innovation Lab	Projektarbeit, mündliche Präsentation und schriftliche Ausarbeitung/ Project work, oral presentation and written elaboration	deutsch/englisch
SG810018	5	VHB - Einführung in das Personalmanagement					Einführung in das Personalmanagement	Klausur/ written Exam (90 min)	deutsch
SG160439	5	VHB - English Competence and Research Training for Health Professionals					English Competence and Research Training for Health Professionals	Klausur/ written Exam (90 min)	englisch
SG160443	3	VHB - Fundamentals of Project Management					Fundamentals of Project Management	Studienarbeit/ research paper	englisch
SG160440	3	VHB - Leadership and Communication in Global Business					Leadership and Communication in Global Business	Studienarbeit/ research , group exercises	englisch
SG160442	5	VHB - Performance Management in Teams					Performance Management in Teams	Fallstudie/ research paper, Klausur/written exam (60 min)	englisch
SG810056	3	VHB - Planetary Health					Planetary Health	Essay	deutsch
CLA31900	3	Vortragsreihe Umwelt - TUM	Slanitz	E	L	1,5	Cities of Change: Unleashing the Power of Sustainable Solutions (Ringvorlesung Umwelt)	Posterpräsentation/poster presentation	englisch
4th semester									
SG850010	30	Master's Thesis		R				SL: Präsentation/presentation wiss. Ausarbeitung/research paper	