

Lectures and Courses

18 ECTS credit points are necessary for the GHS PhD program. The following catalog lists suggestions for the different course categories. Upon request it is possible to choose other courses.

MANDATORY REQUIREMENTS (MIN. 3.0 ECTS)

CORE COURSES (2.0-4.0 ECTS)

METHOD SKILLS (4.0-6.0 ECTS)

SPECIAL KNOWLEDGE (at least 6.0 ECTS)

MANDATORY REQUIREMENTS (MIN. 3.0 ECTS)	Term/Dates	ECTS	Organizer
<u>Basics of Ethics in Health Sciences Research</u>	20.06.-21.06.2018	1.0	GHS
<u>GHS Symposium: Ethics in Health Sciences</u>	30.11.-01.12.2017	1.0	GHS
<u>GHS Symposium: Philosophy and History of Science</u>	22.11.-23.11.2018	1.0	GHS

CORE COURSES (2.0-4.0 ECTS)	Term / Dates	ECTS	Organizer
<u>Clinical Investigators I: Basic GCP and clinical research training (GCP I)</u>	several dates	1.0	Inselspital
<u>Clinical Investigators II: Advanced GCP and clinical research training (GCP II)</u>	several dates	0.5	Inselspital
<u>Core courses offered by SSPH+</u>	several dates		Swiss School for Public Health (SSPH+) PhD program
<u>English Courses</u>			Academic English Services, University of Bern
<u>Introduction to Systematic Literature Searching</u>	special schedule next course <i>t.b.a.</i>	max. 1.0	G. Bissels
<u>Keep on Writing!</u>	once per month	1.0	J. Barth; registration required: barth.writing@gmail.com
<u>Presenting with Confidence</u>	04. – 05. April 2018	0.5	GHS (registration: maude.waleffe@ghs.unibe.ch)
<u>Project management</u>	February 2020	0.5	Master of Medical Education (contact S. Trachsel: sandra.trachsel@meddek.unibe.ch)
<u>Scientific Communications for PhD Students</u>	HS	2.0	S. Longus, registration required: sarah.henninglongus@insel.ch
<u>Scientific Writing</u>	HS (free of cost for GHS)	2.0	Inselspital, contact P. R. Shala-van Loo: peggy.shala@insel.ch
<u>The Art of Lecturing</u>	FS	2.0	Inselspital, contact P. R. Shala-van Loo: peggy.shala@insel.ch

METHOD SKILLS (4.0-6.0 ECTS)	Term / Dates	ECTS	Organizer
Research Approaches, Tools and Applications			
<u>Computational Visual Neuroscience</u> (CTS/ KSL 429339)	FS, Friday 14:15-18:00, bi-weekly	5.0	Institut für Psychologie (F. Wichmann)
<u>Courses on methods and data analysis offered by the SSPH+</u>			Swiss School for Public Health SSPH+
<u>An introduction to EEG: Theory and applications in clinical and social neuroscience</u> (CTS/KSL 434879)	FS 2018	5.0	Dept. of Psychiatric Neurophysiology (L. Gianotti, T. König, M.Stein)
<u>Functional Neuroimaging in Clinical Neuroscience</u>	next course t.b.a.	1.0	Dept. of Neurophysiology (A. Federspiel, R. Wiest, T. Dierks); contact & registration: federspiel@puk.unibe.ch
<u>Experimentalpsychologisches Forschungslabor: Einführung in die Programmierung mit MATLAB</u> (CTS/KSL 26860)	HS: Friday (bi-weekly) 09:15-13:00	5.0	Institut für Psychologie (F. Wichmann)
<u>Diagnostik I mit Übungen</u> (CTS/KSL 425413)	FS, Wednesday, 10:15-12:00	5.0	Institut für Psychologie (registration needed with C. Morf)
<u>Neuroimaging</u> (CTS/KSL 7701)	HS, Friday, 16:15-18:00	3.0	Institut für Psychologie (F. Kellner-Weldon/ M. Züst)
<u>Experimentalpsychologisches Forschungslabor: MATLAB für Fortgeschrittene</u> (CTS/KSL 101827)	FS: Friday (bi-weekly), 14:15-17:45	5.0	Institut für Psychologie (F. Wichmann); registration: marlene.wolf@ghs.unibe.ch
<u>Transcranial Magnetic Stimulation (TMS) in Neuroscience and Psychiatry</u>	HS 2018	2.0	University Bern Psychiatric Services (UPS) (Yosuke Morishima: yosuke.morishima@puk.unibe.ch)

Statistics

<u>Advanced statistic courses offered by the SSPH+</u>			Swiss School for Public Health SSPH+
<u>Essential Medical Statistics - Book Club</u>	Wednesday or Thursday, 12:30-14:00, monthly	3.0 (with exam)	ISPM (information and registration C. Schindera: christina.schindera@ispm.unibe.ch, with copy to M. Zwahlen: zwahlen@ispm.unibe.ch)
<u>Introduction to Epidemiology & Biostatistics</u>	Summer 2018	4.0	Veterinary Public Health Institute (John Berezowski)
<u>Quantitative Methoden</u> (CTS/KSL 7465)	HS, Tuesday 14.15-16.00 & Wednesday 16.15-18.00	5.0	Institut für Sportwissenschaften (J. Schmid, M. R. Zibung)
<u>Statistik III (multivariate Verfahren)</u> (CTS/KSL 7824)	HS, Monday, 08:15-10:00	3.0 (without exercises)	Institut für Psychologie (B. Mayer)

SPECIAL KNOWLEDGE (at least 6.0 ECTS)	Term / Dates	ECTS	Organizer
Active Participation at International Meetings An abstract must have been accepted	Participation must be confirmed by the organizer	1.0	

RESEARCH AREAS: EPIDEMIOLOGY, HEALTH PROMOTION, MEDICAL EDUCATION, SOCIAL SCIENCES

<u>Epidemiology - Book Club</u>	Wednesday, 10:30-12:00	3.0 (with exam)	ISPM (Information & Registration C. Dupont: carole.dupont@ispm.unibe.ch)
<u>Epidemiology Winter School</u>	21.-26.01.2019	1.5	ISPM: M. Egger, Bern / M. Zwahlen
<u>Module der Bewegungs- und Sporttherapie bei inneren Erkrankungen</u>	various schedules		Inselspital, Präventive Kardiologie & Sportmedizin information and registration: catherine.marchandhidalgo@insel.ch In German only!

Colloquia, Seminars, Journal Clubs

<u>Journal Club/Seminar: Classical Papers in Public Health</u>	November 2018 - June 2019	1.0	ISPM (L. Blatti) Information & Registration: laure.blatti@ispm.unibe.ch
<u>Journal Club/Seminar: Epidemiology / Critical Appraisal</u>	November 2017 - June 2018	1.5 - 2.0	ISPM (S. Trelle)
<u>Journal Club: Paediatric Epidemiology</u>	Wednesday, 12:30-14:30 once or twice per month	1.0	ISPM (C. Kuehni) Information & registration: eva.pedersen@ispm.unibe.ch
<u>Journal Club: Spatial Epidemiology</u>	Thursday, 12:30-13:30 once per month	1.0	ISPM (B. Spycher) Information & registration: garyfallos.konstantinoudis@ispm.unibe.ch

RESEARCH AREA: NEUROSCIENCE

<u>BENESCO Lecture Series on Signal Analysis and Brain Oscillation in Health and Disease</u>	Fall/Spring	2.0	Inselspital - Department of Neurology
<u>Introduction to Neuropsychology (CTS/KSL 104755)</u>	HS, Monday 16:15-18:00	3.0	Institut für Psychologie (K. Gutbrod)
<u>Klinische Neuropsychologie (Diagnostik) (CTS/KSL 7693)</u>	FS 2017, Monday 16:15-18:00	3.0	Institut für Psychologie (K. Gutbrod)
<u>Brain Dissection Course</u>	March, April	1.0	Medical Studies (max 2-3 students, G. Herrmann)
<u>Neurochemistry (CTS/KSL 24822)</u>	HS, Wednesday, 10.15-12:00	3.0	Dept. of Chemistry & Biochemistry (S. Urwyler)
<u>Courses offered by Lémanic Neuroscience Doctoral School</u>	Participation by request	Various	Lémanic Neuroscience
<u>Central Nervous System</u>	HS	1.8	M.Sc. Biomedical Sciences (information: zimmermann@pyl.unibe.ch)
<u>BENESCO Winter Research Meeting</u>	1.-4.03.2018		BENESCO, information: S. Duss (simone.duss@insel.ch)
<u>Multimodal Non-invasive Brain Stimulation</u>	21.03.-13.06.2018	1.0	UPD Bern, Bolligenstrasse 111, Auditorium Wölfli
<u>Neuronal Correlates of Consciousness (CTS/ KSL 441665)</u>	FS, Monday 14:15-16:00	5.0	Institut für Psychologie (Prof. Dr. Thomas König & Dr. Anja Bänninger)

BENEFRI Program Neuroscience

<u>Neurobiochemistry/Neurophysiology (with exam)</u>		4.0	BENEFRI, information: J. Streit (streit@pyl.unibe.ch), Bern
<u>Neuroanatomy/Neurohistology/Neuroembryology (with exam)</u>		4.0	BENEFRI, information: J. Streit (streit@pyl.unibe.ch), Bern
<u>Workshop: Current Topics in Neuroscience</u> 1 ECTS counts for Method Skills	annually in February (see "Workshop")	2.0	BENEFRI, information: J. Streit (streit@pyl.unibe.ch), Bern
<u>Annual Meeting "Clinical Neurosciences Bern" full day participation & 1st author presentation</u>	Friday, 25.05.2018	1.0	T. Dierks & R. Muri, Bern

Colloquia and Seminars

<u>Journal Club UPD, at least 12 sessions</u>	Tuesday, 17:00-17:45	1.0	UPD Bern, Murtenstrasse 21, Hörsaal, 4. Stock
<u>Aktuelle Trends in der Psychiatrie, at least 12 sessions</u>	Thursday, 17:20	1.0	UPD Bern, Hörsaal der Aufnahmeklinik Waldau, Bolligenstr.111