

Examples of already accepted Method Courses

Please note that the list below is only an example of accepted courses.

RIGeL Lecture Series	0.5 CP / 6 talks*
Short term research stay	0.3 CP / day, max. 3 CP
supervision of a method course (1:1 methods courses or multiple participant courses)	0.3 CP / day
Advanced course in PyMOL	0.3 CP / day
Interaction studies with the Biacore	0.3 CP / day
Introduction to Statistics	0.3 CP / day or during the semester (without exam) 2 SWS 1 CP 3 SWS 1.5 CP 4 SWS 2 CP
NCCR Practical course	0.3 CP / day
Protein crystallography method course	0.3 CP / day
Isolation and Characterization of Human Monocytes	0.3 CP / day
FELASA B course (Versuchstierkunde)	1,5 CP
ELISA, ELI-Spot	0.3 CP / day
Zeiss on Your CAMPUS	0.3 CP / day
Zeiss Workshop: Axio Vision	0.3 CP / day
Zeiss Workshop Microimaging	0.3 CP / day
Workshop on digital image processing using the open source software ImageJ	0.3 CP / day
VIBes in Bioscience	0.3 CP / day

Basics and Applications of Flow Cytometry	0.3 CP / day
Workshop on New and Classic Methods in Analyzing Cellular Migration	0.3 CP / day
Microarray Data Analysis Course	0.3 CP / day
Gene expression Data Analysis with the statistical Software R	0.3 CP / day
Workshop on chromatin immunoprecipitation ChIP	0.3 CP / day
Workshop Durchflussszytometrie	0.3 CP / day
Workshop Taqman Real-Time PCR	0.3 CP / day
Workshop mass spectrometry-based DNA methylation analysis	0.3 CP / day
Functional Organization of genomes in the nucleus	0.3 CP / day
Electron microscopy techniques	0.3 CP / day
Course in Fluorescence and Confocal Microscopy	0.3 CP / day
EMBL Genomatix Practical Course Next-Generation Sequencing Data Analysis	0.3 CP / day
Massive Data Analysis Course	0.3 CP / day
Workshop FACS - fluorescence activated cell sorting	0.3 CP / day
Methods in RNA Extraction and cDNA Synthesis	0.3 CP / day
Analysing RNA-seq data	0.3 CP / day
Ascona Workshop	0.3 CP / day
ArcGIS I: Introduction to GIS	0.3 CP / day
Determination of sperm number of <i>Nasonia vitripennis</i>	0.3 CP / day
GCMS analysis	0.3 CP / day

Methoden DNA/Protein Interaktion	0.3 CP / day
Immunology Method Seminar	0.3 CP / day or as a block course after the semester (3 weeks x 2 hours = 30 hours) 1,2 CP
Working with HistoQuest 3.0 analysis software for ICH images	0.3 CP / day
Einführung in die Arbeit mit der HEKA Software "Patchmaster"	0.3 CP / day
Laser Capture Microdissection	0.3 CP / day
In vitro transcription course	0.3 CP / day
Course: RIA – Radioimmunoassay	0.3 CP / day
Exon- Sequencing; Data analysis	0.3 CP / day
IDAHO-Screening	0.3 CP / day
Proteomics 2.0 Initiative	0.3 CP / day
Isolation, differentiation and characterization of macrophages I + II	0.3 CP / day
IMOD-Workshop for 3D Electron Tomography and Analysis of biological samples	0.3 CP / day
Courses offered on Coursera (www.coursera.org), e.g. Exploratory Data Analysis, Statistical Inference, R Programming etc.	0.3 CP / day

* PhD students who are admitted to RIGeL after 01.04.2025 must attend 6 lectures of the RIGeL Lecture Series (0.5 CP in total) during their PhD as part of the methods courses.

Not accepted are the following courses:

- Gentechniksicherheitsrecht (this course can only be accepted as other career supporting event)