

Biophysics M.Sc. (PO 2014)

Module und Prüfungen (Stand: 27.03.2025)

M-Nr	Modul	LP	Konto / Bereich	Modul / Prüfung
72378	Biophysics Laboratory Course	8	1100 Biophysik - Pflicht	72378 13509 Biophysics Laboratory Course
75260	Biophysics: Advanced Methods	6	1100 Biophysik - Pflicht	75260 15960 Biophysics: Advanced Methods (Lab)
75260	Biophysics: Advanced Methods	3	1100 Biophysik - Pflicht	75260 15260 Biophysics: Advanced Methods
75259	Biophysics: Fundamental Methods	3	1100 Biophysik - Pflicht	75259 15959 Biophysics Fundamental Methods (Lab)
75259	Biophysics: Fundamental Methods	6	1100 Biophysik - Pflicht	75259 15259 Biophysics Fundamental Methods
72379	Biophysics Seminar	4	1100 Biophysik - Pflicht	72379 13510 Biophysics Seminar
71293	Analytical Spectroscopy	3	3004 Anorganische Chemie	71293 12029 Analytical Spectroscopy
71300	Anorganische Materialsynthese/Anorganische Nanomaterialien	3	3004 Anorganische Chemie	71300 12014 Anorganische Nanomaterialien
70999	Biomaterialien	3	3004 Anorganische Chemie	70999 11238 Biomaterialien
71290	Special Topics in Analytical Chemistry IV	3	3004 Anorganische Chemie	71290 12208 Analytical Aspects of Scanning Probe Microscopy
71539	Special Topics in Analytical Chemistry	3	3004 Anorganische Chemie	71539 12209 Ultra Trace Analysis
74013	Advanced Protein Biochemistry	6	3001 Biochemie	74013 14013 Protein Biochemistry
74014	Practical Skills in Protein Biochemistry	6	3001 Biochemie	74014 14014 Practical Skills in Protein Biochemistry
75312	Appropriate Medical Device Design	4	3010 Biomaterialien	75312 15312 Appropriate Medical Device Design
73028	Biosensors and Biochips	8	3010 Biomaterialien	73028 13284 Biosensors and Biochips
75335	Medical Wearables I	5	3010 Biomaterialien	75335 15335 Medical Wearables I
75465	Advanced Microbiology for Biophysics	12	3009 Mikrobiologie	75465 15465 Advanced Microbiology for Biophysics
73423	Microbiology in Biophysics	3	3009 Mikrobiologie	73423 13620 Advanced Microbiology in Biophysics
73423	Microbiology in Biophysics	3	3009 Mikrobiologie	73423 13282 Microbiology in Biophysics
74018	Methods in Neurobiology	6	3006 Neurobiologie	74018 14018 Methods in Neurobiology
74019	Practical Skills in Neurobiology	6	3006 Neurobiologie	74019 14019 Practical Skills in Neurobiology
71328	Biologische Chemie (Vorlesung)	3	3003 Organische Chemie	71328 12036 Biologische Chemie
71308	Biopolymere	3	3003 Organische Chemie	71308 12034 Biopolymere
71329	Projektarbeit Makromolekulare Chemie	9	3003 Organische Chemie	71329 12038 Projektarbeit Makromolekulare Chemie
74268	Biophysics of Hearing and Seeing	4	3007 Physik	74268 14268 Biophysics of Hearing and Seeing
71502	Biophotonik	6	3007 Physik	71502 12102 Biophotonik
71657	Econophysics: Numerical Simulations	6	3007 Physik	71657 12365 Econophysics: Numerical Simulations
74004	Gene Expression	3	3007 Physik	74004 14004 Gene Expression
75694	Mechanobiology	3	3007 Physik	75694 15694 Mechanobiology
74003	Molecular Motors	3	3007 Physik	74003 14003 Molecular Motors
72138	Bioinformatics and Systems Biology	6	3008 Stochastik und Bioinformatik	72138 13705 Bioinformatics and Systems Biology
74645	DeepVision - Deep Learning and Convolutional Neural Networks in Computational Vision	6	3008 Stochastik und Bioinformatik	74645 14645 DeepVision - Deep Learning and Convolutional Neural Networks in Computational Vision

74258	Learning Systems II	6	3008 Stochastik und Bioinformatik	74258 14258 Learning Systems II
74212	Learning Systems I: Introduction to Machine Learning	6	3008 Stochastik und Bioinformatik	74212 14212 Learning Systems I: Introduction to Machine Learning
72205	Methods of Monte Carlo Simulation I - Master	6	3008 Stochastik und Bioinformatik	72205 12991 Methods of Monte Carlo Simulation I - Master
74257	Neurotechnology: Brain-Machine-Interfacing	6	3008 Stochastik und Bioinformatik	74257 14257 Neurotechnology: Brain-Machine-Interfacing
71859	Praktische Algorithmen der Bioinformatik und Computerlinguistik	6	3008 Stochastik und Bioinformatik	71859 12815 Praktische Algorithmen der Bioinformatik und Computerlinguistik mit Lisp
75405	Survival and Event History Analysis	9	3008 Stochastik und Bioinformatik	75405 15405 Survival and Event History Analysis
71822	Theorie Neuroner Netze	6	3008 Stochastik und Bioinformatik	71822 10560 Theorie Neuroner Netze
71865	Vision in Man and Machine	6	3008 Stochastik und Bioinformatik	71865 13485 Vision in Man and Machine
74020	Methods in Genetics	6	3002 Zellbiologie und Genetik	74020 14020 Methods in Genetics
72382	Mathematical Methods in Material Science	5	3202 Adaptionsmodule für Lebenswissenschaftler	72382 13011 Mathematical Methods in Materials Science
72383	Practical Skills in Physics	4	3202 Adaptionsmodule für Lebenswissenschaftler	72383 13513 Practical Skills in Physics
71409	Biology and Cell Biology	5	3201 Adaptionsmodule für Physiker	71409 11942 Biology and Cell Biology
74267	Practical Skills in Molecular Biology	2	3201 Adaptionsmodule für Physiker	74267 14267 Practical Skills in Molecular Biology
72383	Practical Skills in Physics	4	3201 Adaptionsmodule für Physiker	72383 13513 Practical Skills in Physics
71944	Compulsory Elective Module Introductory Chemistry	3	3201 Adaptionsmodule für Physiker	71944 13018 Introductory Chemistry
74016	Biophysics Research Project	15	4000 Forschungsphase	74016 14016 Biophysics Research Project
74017	Selected Research Project	15	4000 Forschungsphase	74017 14017 Selected Research Project