Module variant to: Topics in Molecular- and Cellular Biology

Module: Introduction to Immunology	
University/Department/Teaching Unit: Freie Universität Berlin/Department of Biology, Chemistry, Pharmacy/Biology	
Module coordinator: Andreas Diefenbach	
Prerequisites: none	
Learning objectives: The aim of the class is to provide an in-depth overview of the basics of immunology including general background knowledge of cell biology and biochemistry. Participants will be able to understand and apply basic concepts of immunology and master basic immunological topics.	
Content: Lectures and seminars give an introduction into to the basic principles of immunology for students new to the discipline. Basic immunological concepts will be presented and discussed. This course is an introductory class and aims to establish a basis for the more advanced Modul 'Aktuelle Themen der Immunologie' in the summer term. Thus, the class is recommended as an introductory class to beginning students of Teaching and Master Programs.	

Modes of instruction	**Contact hours** (hours per week during the semester)	**Types of active participation**	**Work load** (in hours)	
Lecture (V)	2	–	Class attendance (lecture) Preparation, before and after (lecture)	30 15
Seminar (S)	1	Presentation and discussion	Class attendance (seminar) Preparation, before and after (seminar) Exam preparation and exam	15 15 75
Module assessment		Written exam (60 minutes), wholly or partially in multiple-choice format; can also be carried out electronically or written report on research results (approx. 10 pages) or examination colloquium (approx. 20 minutes)		
Language		English		
Regular attendance required		Seminar: yes, lecture: attendance recommended		
Total workload		150 hours		5 credit points
Duration		one semester		
Frequency		irregular		
Applicability		Master's degree program M.Sc. Biology		

Utilization in the following specializations (decision by the examining board):

Biodiversity, Evolution and Ecology	x
Genetics and Genomics	x
Microbiology	x
Molecular- and Cellular Biology	x
Molecular Plant Sciences	x
Neurobiology	x
Biology	x