

Module title		Abbreviation
Virology I		03-4S1VL-092-m01
Module coordinator		Module offered by
holder of the Chair of Virology		Faculty of Medicine
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	undergraduate	--
Contents		
Working safely in a BSL-2 laboratory; cell culture; virus production; virus titration; virus sequencing; phylogenetic analysis of a viral quasispecies.		
Intended learning outcomes		
Students have developed a fundamental knowledge in molecular virology concerning the structure and replication of viruses, virus-host cell interactions and mechanisms of action of antiviral compounds. They are able to apply cell and molecular techniques of virological basic science.		
Courses (type, number of weekly contact hours, language – if other than German)		
This module comprises 3 module components. Information on courses will be listed separately for each module component. <ul style="list-style-type: none"> • 03-4S1VL-1VL-092: V (no information on SWS (weekly contact hours) and course language available) • 03-4S1VL-3VL-092: P (no information on SWS (weekly contact hours) and course language available) • 03-4S1VL-2VL-092: S (no information on SWS (weekly contact hours) and course language available) 		
Method of assessment (type, scope, language – if other than German, examination offered – if not every semester, information on whether module is creditable for bonus)		
Assessment in this module comprises the assessments in the individual module components as specified below. Unless stated otherwise, successful completion of the module will require successful completion of all individual assessments. <p>Assessment in module component 03-4S1VL-1VL-092: Basic Virology (Lecture and Practice)</p> <ul style="list-style-type: none"> • 1 ECTS, Method of grading: numerical grade • written examination (20 minutes) • Language of assessment: German, English where required <p>Assessment in module component 03-4S1VL-3VL-092: Virology (Laboratory Course)</p> <ul style="list-style-type: none"> • 3 ECTS, Method of grading: numerical grade • written examination (20 minutes) or oral examination (20 minutes) • Language of assessment: German, English <p>Assessment in module component 03-4S1VL-2VL-092: Seminar on General Virology</p> <ul style="list-style-type: none"> • 1 ECTS, Method of grading: (not) successfully completed • presentation (approx. 20 to 30 minutes) • Language of assessment: German, English where required 		
Allocation of places		
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Additional information		
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Workload		
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Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)

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Module appears in

Bachelor' degree (1 major) Biology (2007)

Bachelor' degree (1 major) Mathematics (2007)