

General Information			
Course name and code	Immunology UBEV/IMU1/03	ECTS Credits	3
		Semester	1st (Winter) Master & Doctoral Degree
Aims			
<p>This course introduces the students to the basic concepts of immunology as well as highlights the role and importance of immunology in various human diseases. The aim of Immunology lessons is the presentation of the organization and function of the immune system, as well as the comprehension of complex molecular and cellular interactions during the induction of immune responses.</p>			
Contents			
<p>Basic immunology: Lymphatic System Anatomy. The Innate Immune System. The Induced Responses of Innate Immunity. The Adaptive Immune Response. Antigens and Antibodies. Antigen Recognition by B-cell and T-cell Receptors. Antigen Presentation to T-lymphocytes. Complement. Disorders of The Immune System.</p> <p>Prerequisites: Cell biology.</p>			
Assessment Methods and Criteria			
<p>Test/oral examination.</p> <p>Grading Scale (in %): A ... 100 - 91%, B ... 90 - 81%, C ... 80 - 71%, D ... 70 - 61%, E ... 60 - 51%, Fx ... < 51%</p> <p>Grading System: The University recognises the following six degrees for the evaluation of the study results:</p> <ul style="list-style-type: none"> a) A – excellent (excellent results) (numerical value 1) b) B – very good (above average results) (1.5) c) C – good (average results) (2) d) D – satisfactory (acceptable results) (2.5) e) E – sufficient (results meet the minimum criteria) (3) f) FX – failed (requires further work) (4) 			
Bibliography			
<p>Murphy, K. (2012): Jeneway’s Immunobiology. 8th ed. Garland Science</p> <p>Delves, P.J. et al. (2011): Roitt’s essential immunology 12th ed Wiley-Blackwell</p>			