



## PhD Special Courses (Microbiology and immunology)

Code	Course Title	Credit Hours	Exam Time	Grades		
				Written	Oral	Total
PPM-401	<b>Advanced Microbiology and Immunology</b>	2	2	80	20	100
PPM-402	<b>Applied Biotechnology</b>	2	2	80	20	100
PPM-403	<b>Advanced Pharmaceutical Microbiology</b>	2	2	80	20	100
Elective Courses						
PPM-400E1	<b>Microbiological Quality Control</b>	2	2	80	20	100
PPM-400E2	<b>Advanced Microbiological Techniques</b>	2	2	80	20	100
		8				400

**The student studies 8 credit hours, including (3) compulsory courses and (1) elective course in one semester.**