

The Curriculum for the PhD Degree Programme in Biochemistry

First Year		
Term 1	Term 2	Term 3
<ul style="list-style-type: none"> Topics in the Biochemistry of Proteins (Mandatory) The Biochemistry of Nucleic Acids (Mandatory) 	<ul style="list-style-type: none"> 2 Elective Courses (Table on Page 2) 	<ul style="list-style-type: none"> 1 Elective Courses (Table on Page 2) - *
Second Year		
Term 1	Term 2	Term 3
*	<ul style="list-style-type: none"> Seminar 	<ul style="list-style-type: none"> Seminar
Third Year		
Term 1	Term 2	Term 3
<ul style="list-style-type: none"> Seminar 	*	*
<ul style="list-style-type: none"> Preparation for the PhD Comprehensive Examination, and other educational requirements such as academic English and thesis proposal, should be carried out according to regulations. Each seminar course is worth 3 credit units. Minimum total credits required for graduation: 54 credits <ul style="list-style-type: none"> 6 mandatory credits, 12 elective credits, 36 credits for dissertation. 		

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(Elective Courses)

No.	Course Title	Credit	Description
1	Biochemistry of Neural Systems	3	
2	Special Topics (The Biochemistry of Memory and Learning)	3	
3	Programmed Cell Death	3	
4	Cell Culture	3	Only in the spring Term (Elective/Required for students doing cell research projects)
5	Biochemistry and Pathogenesis of Oxidative Stress	3	