

Study programmes: PhD studies – Mathematics - Applied Mathematics			
Course name: 3M597 Special Course - Applied Mathematics			
Lecturers: Mentor and members of the commission for approval the topic of PhD thesis			
Status: Compulsory			
ECTS: 9			
Attendance prerequisites: All PhD studies exams passed			
Course aims: Student, under the guidance of a mentor, is able to explain the scientific concept of the topic of PhD thesis			
Course outcome: The student has acquired and demonstrated the ability to plan research, to critically consider the results he has achieved in previous research, to critically review his own results and conclusions, as well as data from the literature.			
Course content: Introduction to scientific research. Seminary paper in which is detailed explained the topic of proposed PhD thesis. Defense of the seminary paper in front of the independent commission. Concerning that, the student should view and critically consider the literature related to the topic of the PhD thesis. The student needs to process the initial results that he came to in his previous work, analyze them and present them through the seminar paper together with the conclusions he has reached related to the expected results he is planning to do in his work on PhD thesis.			
Literature: Related to the topic of the thesis			
Number of hours: 10	Lectures: 4	Tutorials: -	Laboratory: -
Research: 6			
Teaching and learning methods: Consultation, seminars			
Assessment (maximal 100 points)			
Course assignments	points	Final exam	points
Homework		Written exam	
Exercises / Tutorials		Oral exam	50
Colloquia		Written-oral exam	
Essay / Project	50		