

Study programme(s): Applied Mathematics (MAP)			
Course title: BACHELOR THESIS – RESEARCH (P600)			
Lecturer(s):			
Course status: compulsory			
ECTS points: 2			
Requirements: passed compulsory and elective courses worth at least 120 ECTS points			
Learning Objectives			
Achieving a degree of mathematical maturity characteristic of a bachelor title; reviewing, summing up and completing knowledge acquired during the undergraduate studies of applied mathematics.			
Learning Outcomes			
The student will demonstrate the ability to independently apply knowledge in the selected field on his module (Data Analytics and Statistics, Mathematics of Finance or Techno-mathematics), thus demonstrating the readiness and ability to be involved in business in the economy and the ability to further develop a professional career, as well as to enroll into second-degree academic studies (master studies).			
Syllabus			
Bachelor Thesis - Research represents the first position/phase of the <i>Bachelor Thesis</i> that is processed within two courses: 1. Bachelor Thesis – Research, 2. Bachelor Thesis – Production and Defense.			
The Bachelor Thesis is a standalone research work performed by a student in order to get familiar with the research methodology and solving a specific problem (project task) in the selected area. At this stage, the student explores the literature, solves practical problems, sets up and tests mathematical models related to the project task.			
The title of the thesis is determined by the topic and practical field chosen by the student in cooperation with the selected mentor.			
Literature			
- depending on the selected project theme			
Number of active classes	Lectures: 0		Exercises: 2
Teaching methods			
Independent research work of the student, mentoring consultations with the supervisor, use of library literature and electronic publications.			
Grading (maximum number of points 100)			
Pre-exam obligations	Points	Final exam	Points
written production of the thesis	70	presentation and defense	30