

Methodology basics sub-module

ECTS range: 29

Courses: 1) Learning and research methodology; 2) Business Communication; 3) Calculus; 4) Applied mathematics; 5) Business informatics; 6) Business statistics

Course: Business Statistics	ECTS: 5
Compulsory	
Ratio of theory – practice, %: 100% practice	
Type of lesson: seminar and number of lessons in semester of teaching: 60 Language of instruction: English Specific techniques or methods in teaching (if any e.g. specific software): The uploaded material and examples need to be studied. Project assignments will be handed in.	
Type of examination and course mark: practical mark Further methods of examination or mid/end term testing (e.g. project works): The uploaded material and examples need to be studied. Project assignments will be handed in. Precondition for signature is the fulfilment of midterm tests (at least 50% each) and project works. The practical mark is calculated as the simple arithmetic mean of marks given on midterm tests and project works. 0-60% fail 60,1-70% passed 70,1-80% satisfactory 80,1-90% good 90,1-100% very good Failed practical mark can be completed during examination period.	
Semester: 2	
Preconditions of the course: Calculus	

Description of course content:

Objectives: To acquire knowledge and skills in data processing and analysis, as well as to use the results in decision making processes in business.

Brief content: It provides methodological knowledge and practical skills necessary to recognise socio-economic processes, to compare and analyses them, to reveal relationships among them and to draw conclusions. The course introduces the students with the descriptive and deductive statistical basic methods for various types of variables. It applies spreadsheet.

Compulsory and recommended literatures (2-5 pieces) with full bibliography*Compulsory literature:*

J.K Sharma: Business Statistics, Pearson Education, 2008 ISBN 978-81-7758-654-1
teaching materials presented on lectures and seminar

Recommended literature:

Ken Black: Business Statistics For Contemporary Decision Making, 2006, ISBN 13 978-0470-55667-2

Elements of Student Requirement System (KKK) that the course contributes to:

- a) knowledge
 - They have the basic statistical analysis methods
 - They know the role of cooperation in teamwork.
- b) skills
 - Discover the learned basic correlations between theories and methods.
- c) attitude
 - Open to the new knowledge and new methods.
 - Pursues to cooperation in teamwork.
- d) autonomy
 - Applies the methods independently and takes responsibility for the results gained.

Course leader: Dr. Mónika Zita Nagy, associate professor, PhD**Further teachers involved: Bernadett Horváthné dr. Kovács, associate professor, PhD**