

Course Information Sheet

University: <i>University of Prešov</i>					
Faculty: <i>Faculty of humanities and natural sciences</i>					
Code: <i>2EKO/MATE/22</i>			Title of Course: <i>Math</i>		
Form of Study: <i>lecture, practical seminar</i>					
Number of contact hours:					
per week: <i>1 hour of lecture/1 hour of practical seminar</i>					
per level/semester:					
<i>10 hours of lectures, 10 hours of practical seminars, 50 hours of self-study, 20 hours work on continuous assignments aimed at practicing knowledge</i>					
Number of credits: 3					
Semester: <i>1st year, winter semester</i>					
Degree/Level: 1					
Prerequisites: -					
Grading Policy (Assessment/Evaluation):					
<p><i>The evaluation of the student's study results within the study subject will take place:</i></p> <p><i>a) two continuous tests during the teaching part of the semester.</i></p> <p><i>(b) a final examination</i></p> <p><i>The criteria for successful completion of the course (percentage expression of results in the evaluation of the exam from the subject) are</i></p> <p><i>for the following grades:</i></p> <p><i>a) A - 100.00 - 90.00%</i></p> <p><i>b) B - 89.99 - 80.00%</i></p> <p><i>c) C - 79.99 - 70.00%</i></p> <p><i>d) D - 69.99 - 60.00%</i></p> <p><i>e) E - 59.99 - 50.00%</i></p> <p><i>f) FX - 49.99 and less%</i></p>					
Aims and Objectives:					
<p><i>By completing the course, the student will demonstrate the ability to:</i></p> <ul style="list-style-type: none"> <i>-perform mathematical operations with equations and matrices,</i> <i>- solve systems of linear equations</i> <i>- determine the basic properties of the function and draw a graph of the function</i> <i>- solve simple probability examples</i> <i>- correctly use and calculate basic ecological indices</i> 					
Syllabus/Indicative Content:					
<i>Introduction to the subject, Basic mathematical rules and operations, Linear algebra (vectors, matrices, systems of equations), Functions of one variable (properties, elementary functions, graph of a function), Probability, Basic ecological indices</i>					
Suggested readings:					
-					
Language of Instruction: <i>english</i>					
Other course information:					
Grading history					
A	B	C	D	E	FX
a	b	c	d	e	f

Uvádza sa percentuálny podiel hodnotených študentov, ktorí získali po zapísaní predmetu hodnotenie A, B, ... FX. Celkový súčet a, b, c, d, e, f je 100. Ak študent v jednom roku získal FX a po ďalšom zapísaní predmetu hodnotenie D, zohľadnia sa obe jeho hodnotenia.

Lecturer/Instructor: *RNDr. Lenka Demková, PhD.*

Last update: *12.01.2022*

Approved by: