UNIVERSITETI "KADRI ZEKA" UNIVERSITY

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SYLLABUS

Course: **Seminar of modeling mathematics**

Basic information of the course	
Academic unit:	**FAS**
Course Title:	**Seminar of modeling mathematics**
Level:	**Bachelor**
Program:	**Mathematic Education**
Course status:	**Elective**
Academic year:	**2019/2020**
Year of study:	**Year III, Semester V**
Number of hours per week:	**2+0**
Credits – ECTS:	**5 ECTS**
Timer / Location:	
Professor of subject:	**Prof. Ass. Dr.**
Contact details:	
Description, Objectives and expected resultes	
Course description:	**Contents of the course include: depends what kind of topic chosen student.**
Objectives of the course:	• **Student faces the experience of individual access to modeling mathematics and mathemtics material.** • **Student prepares a longer presentation of a given topic. At this presentation he uses contemporary technical tools as a computer software etc.** • **The student gets familiar with the basic roles of writing modeling mathematics and mathematics texts.**
Expected learning outcomes:	**After successful completion of the course seminar of modeling mathematics, students will be able to:** **● Discovering new results in modeling mathematics by using mathematics.** **● Getting familiar with the individual approach to math materials.** **● Introduction to modeling mathematics topics in seminar.** **● Knowledge about the role of writing texts in modeling mathematics and mathematics.**

Student contribution			
Activity	Hours	Day / Week	Total
Lectures	1	15	15
Theoretical exercises / laboratory	-	-	-
Contacts with teacher / consultations	1	15	15

Collocfiums, seminars	-	--	-
Homework	2	15	30
Self-learning time student (at the library or at home)	2	15	30
Final preparation for the exam	2	15	30
Projects, seminars, presentations, etc.	1	1	1
Total			**121**

121:25≈5 ECTS.

Teaching methodology and assessment methods

Teaching methodology:	Regular lessons, lectures, consultations, discussions, individual independent work, term papers (homework), presentations.
Methods of assessment:	The exam consists of a written part and the oral part. The assessment is based on the following activities: Participation and engagement in hours Seminar papers. Presentation. Final exam: **Points Score** 91-100 10 81-90 9 71-80 8 61-70 7 51-60 6

Literature

Base literature:	**Depends of topic.**

Designed teaching plan:

Week	The lecture to be held
Descreption for topic of seminar:	● Seminar presentation is a good exercise in presenting **modeling mathematics** topics using mathematics to the audience. This is an important skill for mathematicians, basically oriented in work, where contact with users is essential. ● Knowledge about the role of writing mathematical texts is a basis for extended activities of this kind on higher levels of education, as well as a basis for possible publication efforts later. ● Understanding the difference between a literate translation of the mathematical text and the two phase procedure, in which the first phase brings deep understanding and the second phase means the presentation of this individual understanding in a way that is partly independent of the original text. This understanding is critial for quality teaching work on a basis of written materials.

Academic policies and rules of etiquette:

Regular attendance of students assessed with 10 points,
- Students are free to ask questions and active participation in all teaching activity.
- They are not allowed cell phones, late arrival or departure from the class without reason.
- The Code of conduct applies to both students and teachers.