EDUCATIONAL MAP of the COURSE

Modern problems of applied mathematics and informatics

5 ECTS; Total: 180 h, including: 36 h lectures, 54 h lab work, 90 h individual work

Instructors: Prof. Nasedkin A.V., Dr. Nasedkina A.A.

Department Mathematical Modeling

Master's degree programme, year 2, semester 3
Specialty: 01.04.02 "Computational Modeling in Technology and Finance"

№	Control activities	Control throughout semester	Final control
	Module 1. Modeling of coupled physico-mechanical problems, numerical methods and finite element software	**0**	**30**
1.	Written colloquium (theoretical question)	-	30
	Module 2. Practice on solving the physico-mechanical problems using modern finite element software	**70**	**0**
1.	Practical assignment 1	15	-
2.	Practical assignment 2	15	-
3.	Practical assignment 3	20	-
4.	Practical assignment 4	20	-
	Total	**70**	**30**

Minimum score required to get a passed grade (ЗАЧЕТ) is 60.

Instructors: Prof. Nasedkin A.V., Dr. Nasedkina A.A.