Title of the dyscipline	**3-113-9 Вступ до аналізу міцності квазікристалів / Introduction to the analysis of quasicrystals strength**
Recommended for the field of knowledge (specialty, educational program)	11 Mathematics and statistics
Chair	Theoretical and computer mechanics
Name of Professor *(if possible)*	Loboda V.V.
Level of higher education	III
Course (where it will be taught)	II
Language of teaching	English
Requirements for starting the study of the discipline	Master's degree in the field 11
What will be studied	Modeling methods in the mechanics of quasicrystals
Why is it interesting/should be studied?	Knowledge of modern modeling methods in the mechanics of quasicrystals is the key to successive investigation of quasicrystals strength
Why you can learn (learning outcomes)	You can learn modern contemporary methods, in particular, numerical approached to the solutions of the problems
How to use acquired knowledge and skills (competencies)	To be used in the modeling of various phenomena and processes in natural science
Information support	Student versions of "Mathematica" software
Types of educational classes (lectures, practical, seminar, laboratory classes, etc.)	Lectures and practical classes
Type of semester control	Diff. test
The maximum number of students	30

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