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| Title of the dyscipline | [Math Methods in MDRB](https://att3.i.ua/attach/INBOX/65a7a43528a0/2/Math%20Methods%20in%20MDRB.docx?_rand=1394046181&I=cFZ5kYKnZrZsaohQk29lgQ%3D%3D&_gl=1*ovo2fk*_ga*NzcxNjgyMDMuMTcwNTkyNTExMQ..*_ga_9CZ974SN72*MTcwNzM4ODg2NS41Ni4xLjE3MDczOTQ1NzUuNjAuMC4xODExMDc5OTg3) |
| 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 | ІІІ |
| Course (where it will be taught) | І |
| Language of teaching | English |
| Requirements for starting the study of the discipline | Master's degree in specialty 113 |
| What will be studied | Modeling methods in the mechanics of a deformable solid body |
| Why is it interesting/should be studied? | Knowledge of modern modeling methods is the key to success in solving current problems of natural science and technology |
| Why you can learn (learning outcomes) | You can learn modern methods, in particular, using modern application software packages |
| 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 |