

Area of Technological Sciences, Field of Mechanical Engineering (T009) Doctoral study program of 2024–2025 academic year

| Code of Module   | Title of Study Module  | Number of ECTS credits | Semester          | Language               | Teaching form          | Coordinating lecturer          | Members of exam's committee                                     |
|--|--|------------------------|-------------------|------------------------|------------------------|--------------------------------|---|
| Main study subjects of doctoral field of science                           |  |                        |                   |                        |                        |                                |   |
| <a href="#">T210D004</a>   | <b>Vibrations and Dynamic of Mechanical Systems</b><br>(module is obligatory to every doctoral student of the particular field of science) | 9                      | Spring;<br>Autumn | Lithuanian;<br>English | Standard               | Prof. Dr. Hab. V. Ostaševičius | Prof. Dr. R. Gaidys<br>Chf. Res. Dr. R. Daukševičius            |
| <a href="#">T210D841</a>   | <b>Mechatronics</b><br>(module is obligatory to every doctoral student of the particular field of science)                                 | 9                      | Spring;<br>Autumn | Lithuanian;<br>English | Standard               | Prof. Dr. Hab. V. Ostaševičius | Prof. Dr. V. Jūrėnas<br>Chf. Res. Dr. R. Daukševičius           |
| <a href="#">T210D439</a>   | Numerical Methods in Engineering   | 9                      | Autumn            | Lithuanian;<br>English | Standard               | Prof. Dr. Hab. R. Barauskas    | Assoc. Prof. Dr. D. Čalnerytė<br>Prof. Dr. Hab. M. K. Ragulskis |
| Study subjects of alternative branches of doctoral field of science        |  |                        |                   |                        |                        |                                |   |
| <a href="#">T210D441</a>   | Experimental Mechanics   | 6                      | Spring            | Lithuanian;<br>English | Intensive;<br>Standard | Prof. Dr. V. Jūrėnas           | Prof. Dr. Hab. A. Palevičius<br>Chf. Res. Dr. R. Daukševičius   |
| <a href="#">T210D106</a>   | Design and Analysis of Microsystems  | 9                      | Spring            | English                | Intensive;<br>Standard | Prof. Dr. G. Janušas           | Prof. Dr. Hab. A. Palevičius<br>Prof. Dr. V. Jūrėnas            |
| <a href="#">IFJTD07</a>  | Tribology  | 9                      | Autumn;<br>Spring | Lithuanian;<br>English | Standard               | prof. Dr. J. Padgurskas        | prof. Dr. V. Jankauskas<br>doc. Dr. R. Rukuiža                  |
| <a href="#">IFISD003</a>   | Theory of Agricultural Machinery   | 9                      | Autumn;<br>Spring | Lithuanian             | Standard               | prof. Dr. E Šarauskis          | prof. Dr. D. Steponavičius<br>doc. Dr. V. Butkus                |
| Elective study subjects of doctoral studies and adjacent fields of science |  |                        |                   |                        |                        |                                |   |
| <a href="#">T170D801</a>   | Experiment Planning Theory   | 6                      | Spring;<br>Autumn | Lithuanian;<br>English | Intensive;<br>Standard | Prof. Dr. D. Navikas           | Prof. Dr. A. Valinevičius<br>Prof. Dr. V. Markevičius           |
| <a href="#">IFISD006</a>   | Particles Ballistics in Agricultural Technologies  | 6                      | Autumn;<br>Spring | Lithuanian;<br>English | Standard               | prof. Dr. E. Jotautienė        | prof. Dr. V. Markevičius<br>prof. Dr. A. Valinevičius           |
| <a href="#">IFJTD008</a>   | Reliability of Mechanical System   | 9                      | Autumn;<br>Spring | Lithuanian             | Standard               | prof. Dr. J. Padgurskas        | doc. Dr. R. Kreivaitis<br>doc. Dr. R. Rukuiža                   |
| <a href="#">IFJTD006</a>   | Surface and Coatings Engineering   | 6                      | Autumn;<br>Spring | Lithuanian             | Standard               | prof. Dr. V. Jankauskas        | prof. Dr. J. Padgurskas<br>Doc. Dr. R. Rukuiža                  |
| Core skills study subjects   |  |                        |                   |                        |                        |                                |   |

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|--------------------------|--|---|-------------------|------------------------------------|----------|-----------------------------------|--|
| <a href="#">S281D001</a> | Digital Support and Tools for Research Writing and Publication | 1 | Spring            | English                            | Standard | Prof. Dr. R. Kasperė              | Assoc. Prof. Dr. E. Jaleniauskienė<br>Prof. Dr. J. Horbačiauskienė |
| <a href="#">S274D103</a> | Research Ethics  | 1 | Spring;<br>Autumn | English                            | Standard | Prof. Dr. R. Pučėtaitė            | Prof. Dr. R. Kasperė<br>Prof. Dr. I. Klizienė                      |
| <a href="#">S274D102</a> | Design Thinking in Research                                    | 2 | Autumn            | Russian;<br>Lithuanian;<br>English | Standard | Assoc. Prof. Dr. D. Maumevičienė  | Assoc. Prof. Dr. R. Petrauskienė<br>Assoc. Prof. Dr. J. Barynienė  |
| <a href="#">S265D001</a> | Science Communication for the Public                           | 1 | Spring;<br>Autumn | English                            | Standard | Prof. Dr. E. Butkevičienė         | Prof. Dr. A. Telešienė<br>Assoc. Prof. Dr. A. Augustinienė         |
| <a href="#">S211D010</a> | Systematic Literature Review                                   | 1 | Spring            | Lithuanian;<br>English             | Standard | Prof. Dr. A. Telešienė            | Assoc. Prof. Dr. G. Tautkevičienė<br>Prof. Dr. V. Morkevičius      |
| <a href="#">S189D101</a> | Research Project Grant Management                              | 2 | Spring            | Lithuanian                         | Standard | Prof. Dr. R. Čiutienė             | Prof. Dr. A. Savanevičienė<br>Prof. Dr. J. Banytė                  |
| <a href="#">H352D001</a> | Academic and Technical Research Writing                        | 1 | Spring            | English                            | Standard | Prof. Dr. S. Petronienė           | Assist. Prof. Dr. B. Pantelejeva<br>Prof. Dr. S. Juzelėnienė       |
| <a href="#">S274D104</a> | Research Data Management                                       | 1 | Spring            | Lithuanian;<br>English             | Standard | Assoc. Prof. Dr. G. Tautkevičienė | Assoc. Prof. Dr. A. Kriščiūnas<br>Dr. I. Cesevičiūtė               |