



Description of the study programme **Medical and Veterinary Genetics**

Study Programme "Medical and Veterinary Genetics" Plan for Academic Year 2017/2018
Study subjects and credits

Faculty delivering the programme	Medical faculty
Programme data <i>national code</i> <i>field of studies</i> <i>branch of studies</i> <i>duration of in years</i> <i>scope of the programme</i> <i>mode of study</i>	6121DX002 Life sciences Genetics 3,5 years 210 ECTS Full-time
Qualification degree/professional qualification to be awarded	Bachelor in Life sciences
Cycle	First
Requirements for admission	The students are enrolled according to the general provisions of the rules for the admission into Lithuanian higher education undergraduate and integrated studies (LAMA BPO – Lithuanian higher education association of Joint Admission) and the rules for student admission approved by the LUHS Senate. An entrant, applying for the university contest, has to document at least secondary education or its equivalent.
Other details of the programme	Programme aims - prepare educated, open to innovations in science, critically thinking, qualified genetic specialists, who would have fundamental knowledge and ability that are necessary for work in medical and veterinary genetics and in the spheres related to it, and who would be able to perform genetic tests independently using modern methods of analysis, following good laboratory practice and rules of bioethics. The Medical and Veterinary Genetics programme differs from those offered by other higher educational institutions of Lithuania that it provides education and training to specialists who are not only broad-spectrum geneticists, but also specialists knowledgeable in medicine and veterinary science. Laboratory and fundamental genetic research is currently gaining significance both in Lithuania and abroad; this research is being conducted in personal healthcare institutions, veterinary and food safety services, and in research laboratories of applied and fundamental natural sciences. The demand for geneticists is also reflected by the fact that the science of genetics is one of the most rapidly developing fields of biomedical sciences.
Access to student exchange	ERASMUS/SOCRATES programs. Multi professional networks and others inter-university cooperation contracts.

Access to further study	The first level on Medical and Veterinary Genetics Programme of the university meet with agreement requirements of the Bologna, therefore, after realization of this programme, further training and qualification opportunities for growth opens for graduates. Later they can study in LUHS and in other universities which conduct Genetics, Laboratory Medicine, Molecular Biology, Medical Chemistry, Biotechnology and others programme of Master's studies, later doctoral studies.
Assessment of study results	The assessment of students' achievements is directly connected with the learning outcomes. The principles of assessment are described in the LUHS regulations and in the description of every subject. The requirements for the cumulative grade are defined by the documents of LUHS senate and described in detail in the description of every subject. The assessment is summative. The summative part comprises no less than 50% of the final exam grade. The ten points evaluation scale is used to assess the knowledge of the students, the lowest passing grade being five (5). During the course of a subject/module the following forms of evaluation are used: colloquiums, the defence of practical works, tests, course papers, the writing of case histories, oral presentations and others, of which a cumulative grade formula is comprised. At the end of the subject/module studies the evaluation forms are as follows: examinations and projects.
Chair and members of the Study Programme Committee	<p>The chief: Rasa Ugenskienė, Assoc. Prof., dr.</p> <p>Members: Paulina Vaitkienė, Lecturer, dr. Ramutė Mišeikienė, Lecturer, dr. Alimantas Kriščiukaitis, Professor, dr. Rasa Bernotienė, Lecturer, dr. Robertas Skliaustas, representative of SS Giedrė Šinkūnaitė-Maršalkienė, dr., representative of social shareholder UAB '<i>Thermo Fisher Scientific Baltic</i>'</p>