



Description of the study programme **Medical veterinary genetics**

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>	612C43001 Biomedical sciences C400, Genetics, C430, Medical and veterinary genetics 3,5 years 210 ECTS Full-time
Qualification degree/professional qualification to be awarded	Bachelor in Medical and Veterinary Genetics
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	<p>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.</p> <p>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;</p>

	<p>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.</p>
<p>Access to student exchange</p>	<p>The aims of the programme are achieved through modular system by studying a small number of subjects simultaneously This allows students to better perceive and see into different subjects and interaction of phenomena. The modular system provides students the opportunity to study a part of subjects through exchange programmes in other higher education institutions.</p>
<p>Access to further study</p>	<p>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 programme of Master's studies.</p>
<p>Assessment of study results</p>	<p>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.</p>
<p>Chair and members of the Study Programme Committee</p>	<p>The chief – Ilona Teodora Miceikienė, prof. dr. Members – Laima Ivanovienė, prof. dr. Algimantas Krikščiukaitis, prof.dr. Angelija Valančiūtė, prof. dr. Alvydas Pavilonis, prof. dr. Aurimas Mažilis, representative of SS Saulius Savickis, dr., representative of LVDA</p>