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| **University** | **Specialization and Level** | **Title of subject, new modules, number of ICTS** | **Accreditation / Approval** | **Number of students** |
| TSU | 1)Health/Environment biotechnology 2) Agro/Food biotechnologyMaster degree | Laboratory 1 (5 ICTS) -compulsory for all specializationsLaboratory 2 in food/agro (10 ICTS) – optional for health/Environment specialization and compulsory for Food/Agro specializationLaboratory 2 in healthcare/environment (10 ICTS) – optional for Food/Agro specialization, and compulsory for Healthcare/Environmental specialization | 3 courses have been approved by Quality Assurance Service of Faculty of Exact and Natural Sciences, TSU (no external accreditation is needed)  | 2 have completed6 studying2 newly recruited |
| ONAFT | Master degree**“**Quality and safety control in food industry“ | New educational programme includes the following new modules:Mandatory:1. European legislation on food products safety control – 3 ECTS credits
2. Sensory analysis of food products + course work – 3+3=6 ECTS credits
3. Methods of determination of falsification of food products – 3 ECTS credits
4. Quality management – 3 ECTS credits

Optional:1. Techno-chemical and microbiological control in food industry – 3 ECTS credits
2. Modern methods of food quality assessment– 5 ECTS credits
3. Methods of determination of toxic substances in food products – 4 ECTS credits
4. Inter-laboratory documentation for a food company – 5 ECTS credits
5. Management of food products safety+ course work – 3+3=6 ECTS credits

Total: 38 ECTS credits | Is accredited by Ministry of Education and Science of Ukraine until June, 2023 | 7 studying17 newly recruited |
| CIU | Mandatory master course in specialty “Wine Chemistry” | 2 new mandatory modules created: “Wine industry safety basics”, 5 ECTS“Wine chemistry”, 4 ECTS | The modules are introduced within the already accredited and operational 2 years Master Programin Georgian Viticulture-Winemaking: | 3 have completed4 studying18 newly recruited |
| BTNAU | Master degree, specialty “Veterinary medicine”, specialization “Laboratory diagnostic” | Newly elaborated modules mandatory for the specialization “Laboratory diagnostic”:Laboratory diagnostics of bacterial diseases – 10 ECTSLaboratory diagnostics of viral diseases - 9 ECTS Epizootology and system of diagnostic procedures - 9 ECTSChemical and toxicological research methods - 8 ECTSLaboratory research of the food hygiene - 12 ECTSDiagnostic of parasitic diseases - 7 ECTSFood Microbiology - 5 ECTS | Approved by the University scientific council | 10 studying10 newly recruited |
| SAUM | Master degree, specialty “Veterinary medicine”, specialization “Laboratory diagnostic” | Newly elaborated modules mandatory for the specialization “Laboratory diagnostic”:Laboratory diagnostic, 5 ICTSParaclinicaldiagnostic, 5 ICTS-5Control and Surveillance of food residues, 6 ICTSInspection and control of animal and plant products, 4 ICTS | The specialization was accredited by the accreditation Body –ANACEC affiliated to ENQA. The accreditation was done in October, 2018. | 45 newly recruited |
| NUBiP | Master degree, specialty “Animal husbandry”, specialization “Laboratory practice in animal husbandry” | Newly elaborated modules mandatory for the specialization “Laboratory practice in animal husbandry”:Organization and carrying out of laboratory researches, 5 ICTSModern methods and equipment for laboratory researches, 6 ICTSApplication of ICAR recommendations in the animal husbandry | Approved by the University scientific council | 4 studying4 newly recruited |
| SNAU | Master degree, specialty “Agronomy”, specialization “Laboratory practice in agronomy” | Newly elaborated modules mandatory for the specialization “Laboratory practice agronomy”:Biotechnology in agro industrial complex and bio methods in environmental biotechnology: 4,5 ECTSInstrumental methods of analysis: 3 ECTSDiagnosis and identification of GMOs, DNA - certification: 4.5 ECTSGenetics of immunity against diseases and pests: 3.5 ECTSCell and Molecular Biology, 3.0 ECTSGenetic Engineering: 3.5 ECTSMolecular Biology: 3.0 ECTS | Approved by the University scientific council | 13 studying18 newly recruited |
| CSU | 1) Agroecology2) Agricultural managementMaster degree | Newly elaborated modulesmandatory for the specialty “Agroecology”:Microbiology of agricultural products, 1,2 ECTSAdvanced technologies in animal husbandry, 1,2 ECTSAdvanced technologies in crop production, 1,2 ECTSSensory analysis and organoleptic practice, 1,2 ECTSNewly elaborated modules mandatory for the specialty “Management of agricultural production”:Biochemistry and Microbiology, 1 ECTSEnvironmental problems of agricultural production, 1 ECTSSoil quality for agricultural plant, 1 ECTSFood and ecological safety, 1 ECTSThe scientific basis of the production of the wine-making production, 1 ECTS | Approved by the University scientific council | 12 have completed13 studying11 newly recruited |
| LNUVMBT | Master degree, specialty “Veterinary medicine”, specialization “Laboratory diagnostic” | Newly elaborated modules mandatory for the specialization “Laboratory diagnostic”:Laboratory diagnostics of bacterial diseases – 10 ECTSLaboratory diagnostics of viral diseases - 9 ECTS Epizootology and system of diagnostic procedures - 9 ECTSChemical and toxicological research methods - 8 ECTSLaboratory research of the food hygiene - 12 ECTSDiagnostic of parasitic diseases - 7 ECTSFood Microbiology - 5 ECTS | Approved by the University scientific council | 8 studying8 newly recruited |