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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 biotechnology  Master 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 specialization Laboratory 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 completed  6 studying  2 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 studying  17 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 completed  4 studying  18 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 ECTS Laboratory diagnostics of viral diseases - 9 ECTS Epizootology and system of diagnostic procedures - 9 ECTS Chemical and toxicological research methods - 8 ECTS Laboratory research of the food hygiene - 12 ECTS Diagnostic of parasitic diseases - 7 ECTS Food Microbiology - 5 ECTS | Approved by the University scientific council | 10 studying  10 newly recruited |
| SAUM | Master degree, specialty “Veterinary medicine”, specialization “Laboratory diagnostic” | Newly elaborated modules mandatory for the specialization “Laboratory diagnostic”: Laboratory diagnostic, 5 ICTS Paraclinicaldiagnostic, 5 ICTS-5 Control and Surveillance of food residues, 6 ICTS Inspection 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 ICTS Modern methods and equipment for laboratory researches, 6 ICTS Application of ICAR recommendations in the animal husbandry | Approved by the University scientific council | 4 studying  4 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 ECTS Instrumental methods of analysis: 3 ECTS Diagnosis and identification of GMOs, DNA - certification: 4.5 ECTS Genetics of immunity against diseases and pests: 3.5 ECTS Cell and Molecular Biology, 3.0 ECTS Genetic Engineering: 3.5 ECTS Molecular Biology: 3.0 ECTS | Approved by the University scientific council | 13 studying  18 newly recruited |
| CSU | 1) Agroecology  2) Agricultural management  Master degree | Newly elaborated modulesmandatory for the specialty “Agroecology”: Microbiology of agricultural products, 1,2 ECTS Advanced technologies in animal husbandry, 1,2 ECTS Advanced technologies in crop production, 1,2 ECTS Sensory analysis and organoleptic practice, 1,2 ECTS Newly elaborated modules mandatory for the specialty “Management of agricultural production”: Biochemistry and Microbiology, 1 ECTS Environmental problems of agricultural production, 1 ECTS Soil quality for agricultural plant, 1 ECTS Food and ecological safety, 1 ECTS The scientific basis of the production of the wine-making production, 1 ECTS | Approved by the University scientific council | 12 have completed  13 studying  11 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 ECTS Laboratory diagnostics of viral diseases - 9 ECTS Epizootology and system of diagnostic procedures - 9 ECTS Chemical and toxicological research methods - 8 ECTS Laboratory research of the food hygiene - 12 ECTS Diagnostic of parasitic diseases - 7 ECTS Food Microbiology - 5 ECTS | Approved by the University scientific council | 8 studying  8 newly recruited |