

TECHNICAL UNIVERSITY - VARNA

FACULTY OF MARINE SCIENCE AND ECOLOGY

Approved by:

Rector:.....

/Prof. Dr. Eng. O. Farhi/

QUALIFICATION CHARACTERISTIC

Speciality: **PRODUCTION OF SEEDS AND PLANTING MATERIAL**

Educational-qualification degree: **“MASTER”**

Area of Higher Education: **6. AGRARIAN SCIENCES AND VETERINARY MEDICINE**

Professional orientation: **6.1. PLANT PRODUCTION**

Professional qualification: **AGRONOMIST**

The present qualification characteristic defines the purpose and scope of career, the areas of professional development and requirements to graduates "Agronomy" degree "Master". It corresponds to the Law on Higher Education (SG. 112/1995, and amended.), to the State Register of Educational Qualifications (Decree No. 86 SG. 24/1997), to the Regulations of the State Requirements for Acquiring Higher Education in Educational Degrees "Bachelor", "Master" and "Specialist" (Decree № 162/23.07.2002, SG No. 76/2002) and to the Classification of Higher Education and Professional Fields (Decree № 125/24.06.2002, SG No. 64/2002)

1. Purpose and scope of career

The main objective of the training is to create highly qualified agricultural specialists with competence across the entire spectrum of plant production (field, vegetables and perennial crops).

Graduates "Production of seeds and planting material" acquire degree "Master" with professional qualification "Agronomist" and may:

- to work as producers and traders of seeds and planting material;
- to work as consultants in agricultural companies with activity production of seeds and planting material;
- to occupy positions as experts, surveyors and consultants of the Executive Agency for Variety and Seed Control and other institutions of the state and municipal level;
- to occupy leader administrative positions at national and regional level in the state, municipal and private structures.
- to continue their career in research to relevant institutions.

2. Requirements for the training of specialists.

Students will build their knowledge and skills in the study of complex subjects. Required courses provide fundamental training in the specialty of the professional field. In this respect, the Master course includes current knowledge about the law of sowing and planting material, as well as the principles of seed production and the production of seedlings of different crops, so the graduates will be able to manage scientifically and environmentally effective the seeds production under specific soil and climatic conditions. Students acquire also knowledge in plant genetic resources, biotechnological methods in plant production, plant protection best practices in agriculture and ecological safety of plant production.

The training allows the expansion and upgrade of knowledge through elective courses that provide specific knowledge and competencies of area 6. "Agricultural Sciences and Veterinary Medicine", professional field 6.1. "Plant Production".

The training ends with a Master thesis or a State exam.

The qualification characteristic was approved by the Council of the Department of 'Plant Production' (Protocol №15/14.05.2012 r.).

Head of Department "Plant Production".....

/Assoc. Prof. Dr. D. Plamenov/

The qualification characteristic was approved by the Council of the Faculty of Marine Science and Ecology (Protocol №17/21.05.2012 r.).

Dean of FMSE:.....

/Assoc. Prof. Dr. Eng. N. Minchev/

The qualification characteristic was approved by the Academic Council of the TU Varna (Protocol №).