**Why Study Agricultural Engineering and Agroindustrial Engineering?**

Nowadays, the Department of Agricultural Engineering within the Faculty of Agriculture in Novi Sad, is the basis of the teaching process in a traditional Agricultural Engineering section and a new section: Agroindustrial Engineering. Striving to contribute to the education of experts in the field of agriculture and food technology, 23 teachers and associates at the Department of Agricultural Engineering, together with one expert associate and laboratory technician, put in their effort to respond to modern challenges adequately.

Highly educated experts in the field of agricultural and agroindustial engineering are highly important for agricultural production and food technologies. Our students have always been predominantly pragmatic and directly related to the improvement of agriculture and food technologies.

**Principal Objectives**

The undergraduate academic study programmes *Agricultural Engineering* and *Agroindustrial Engineering* tend to accomplish the following objectives:

* acquired knowledge and practice should be a logical enhancement of the primary and secondary school education;
* competencies and high expertise in agriculture and food technologies,
* students are capable to apply modern technologies in intensive agriculture and agro industrial production,
* students are capable for improvement in the field of agro-processing and renewable energy,
* students are capable of planning and organising work with agricultural mechanization,
* teamwork skills development,
* individual application and development of new technologies in intensive agriculture and agro industrial engineering,
* possibilities for applying the acquired knowledge in further education and obtaining a higher degree such as specialist, master’s and doctoral.

**Employment Possibilities**

* Agricultural organisations such as massive agricultural complexes, dealers of agricultural mechanisation, agroindustry;
* Private farms and enterprises in agriculture and food technologies;
* Public, administrative and municipal bodies (agricultural stations and extention services, etc.);
* Banks and insurance companies;
* Laboratories at faculties and institutes;
* Education.

**Possibilities for Further Education**

Over the years, the teaching staff at the Institute (the Department today) has devoted considerable effort to explore the possibilities of acquiring new knowledge. Thus, the first teaching curriculum for graduate studies was designed in 1975 and its goal was either to help talented and diligent students to acquire new skills and knowledge about research work or to provide them with additional detailed knowledge. In 2006, one-year master degree program for ,,Agricultural engineering’’ was, for the first time, introduced instead of magister degree program.

Highly talented young students are able to apply for a three-year doctoral degree program, thus completing their education and gaining the highest academic title – Doctor of Science.