University of Maribor

Faculty of Agriculture
and Life Sciences

KNOWLEDGE AND TRADITION

Doctoral degree programme
AGRICULTURE

WHY STUDY AT OUR FACULTY?

Students studying at our faculty get the necessary theoretical and practical knowledge needed to be successful in agricultural fields such as food production, nature conservation in food production and the ethical treatment of all living organisms. They also get the skills needed to tackle and solve complex problems in the field of agriculture.

Would you like to obtain the skills to conduct excellent research?

The modernised 3 year PhD study programme 'Agriculture' enables you to get them

STUDY PROGRAMME

The PhD programme is meant to guide students to in-depth theoretical and methodological insights and to the independent production of further knowledge, as well as the recognition and solution of complex problems within agricultural expert and scientific practice.

In the first year the student focuses on interdisciplinary and multidisciplinary research, as well as obtaining expert and scientific knowledge in the planned agricultural topic of the candidate's dissertation. In the second and third year the student is required to conduct research and write the dissertation under the guidance of a PhD supervisor.

The programme focuses on training the candidates for excellent research that leads to new findings, which will be useful in specific segments of agriculture and will enable good practical and advisory work.

Because of the increasing complexity of Slovenia's agriculture (environment, healthy food, competitiveness with foreign food producers, etc.) and its problems, the need for a doctor of agricultural sciences, who knows how to solve scientific dilemmas and can work in the positions in agriculture which demand higher responsibilities, becomes evident.

PROGRAMME GOALS AND OBJECTIVES

The main goals to be pointed out are the following:
- training for excellent research work,
- gaining in-depth knowledge in very specific agricultural fields,
- training in using and creating modern scientific research methods, including the latest biometric and analytical procedures,

- training in independent and team work and the production of new sources of information,
- training in independent communication within the international scientific community, including presenting and publishing their own research,
- training in complex systems management,
- developing independent critical opinions on contemporary problems in agricultural development.

EMPLOYMENT OPPORTUNITIES

Because of the increasing variety in Slovenia's agriculture, its connectedness to society and other industries and the growing trend of healthy food production and its control, the doctoral students have a very broad field of employment. They can work in scientific agricultural institutions and in highly demanding expert and development positions, including leading roles. Their place is thus in the most demanding positions in agricultural production, in advisory positions, education and research.

ADMISSION REQUIREMENTS

In order to enrol for the programme, the students have to have a degree in:
- a second degree master programme
- a study programme worth 300 ECTS
- a four year undergraduate study programme in one of the biotechnical sciences including results in expert and research work worth 60 credits
- the old pre-bologna master's degree programmes (students from that programme can directly enter the second year of the study programme)
- an undergraduate specialization study programme in one of the biotechnical sciences worth 300 ECTS
- equivalent study programmes to the ones above from foreign universities

STUDY PROGRAMME	AGRICULTURE (PhD)
DURATION	3 years (6 semesters)
REQUIREMENTS FOR GRADUATION	Students need to obtain 180 ECTS points and write and defend a doctoral dissertation in order to graduate.
AQUIRED TITLE	Doctor of Agricultural Science
ADDITIONAL INFORMATION	Administration office information: • Telephone: +386 2 320 90 19 • Email: referat.fkbv@um.si • Web page: www.fkbv.um.si

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