Food Science and Technology PhD at the University of Prishtina the Faculty of Agriculture and Veterinary

- Local and international lecturers
- International research stay
- New laboratories and literature
There is worldwide necessity for highly qualified experts in food science, production and processing and especially in Kosovo. Against this need a PhD programme in Food Science and Technology has been developed within a Tempus project and in cooperation between the University of Prishtina (UP) and universities from the EU (University of Graz, Technical University Munich, University of Granada, University of Vaasa), as well as local and international institutions.

**Programme**

This programme targets students from the area of natural sciences (agriculture, veterinary, medicine, biology, nutrition and other) with interest in food science and technology, who will upon its completion acquire the title of Doctor of Science. It is a three year programme, which carries a total of 180 ECTS – 60 in courses and 120 in research and it has been structured in the following way:

- In the first semester eight elective modules are offered out of which three must be completed by each student which accounts for 30 ECTS (10 ECTS per module). Each student can choose among the following eight modules:
  
  A) Nutrition and Public Health  
  B) Biotechnology  
  C) Food Production  
  D) Chemical and Physical Food Analysis  
  E) Food and Beverage Technology  
  F) Environmental Measure Techniques  
  G) Food Quality and Safety  
  H) Food Policies, Strategies and Legislation in EU and in Kosova  

- In the second semester eight elective seminars are offered out of which three must be completed by each student which accounts for 30 ECTS (10 ECTS per seminar). Each student can choose among the following eight seminars:
  
  I) Food Microbiology  
  J) Journal Club and Bioinformatics  
  K) Clinical Nutrition  
  L) Applied Genetics  
  M) Physical Chemistry  
  N) Experimental Nutrition  
  O) Nutritional Education and Promotion  

- The remaining 120 ECTS are designated for research.

This PhD program is carried out jointly by the Faculties of (1) Agriculture and Veterinary - coordinator, (2) Mathematics and Natural Sciences and (3) Medicine, from the University of Prishtina.
Teaching, research and internationalisation

This programme has high level of internationalisation which was achieved through the joint programme development involving several national and international universities and institutions (University of Prishtina, University of Graz, WUS Austria, Austrian Exchange Service, Technical University Munich, University of Granada, University of Vaasa, Kosovo Accreditation Agency, Ministry of Education, Science and Technology of Kosovo, and student unions). Involving experts from the field of food science and technology on one hand and from the area of development of PhD programmes and structures on the other hand, resulted in the development of a high quality PhD programme in line with the Bologna standards.

This international trend will be continued in the process of implementation of the PhD programme, since it will offer joint teaching and research involving teaching staff from the UP, Technical University Munich (TUM) and University of Granada (UG). Therefore, all modules and seminars have been jointly developed and will be implemented by the teaching staff of the UP, TUM and UG.

Furthermore, all PhD candidates will be required to conduct a research stay of at least one month at one of the partner universities, depending on their research focus. This research stay will take place after the second semester and it will be covered from the project funds.

Infrastructure

Within the Tempus project PhD@UP and for the purpose of the implementation of this PhD programme a laboratory for molecular biology and biotechnology has been equipped at the University of Prishtina. Furthermore, University of Prishtina already disposes of the KIKT centre, which was recently funded and equipped within another Tempus project, also containing relevant research equipment. All these facilities allow implementation of the research projects within the PhD programme and students will be accompanied in their research activities by very well trained national and international teaching staff.

Furthermore, the necessary literature for the purpose of the implementation of this study programme has been purchased and is available to students at the University’s library.

www.phdatup.org
ADMISSION

For information regarding the application and admission please refer to the official call published at the website of the University of Prishtina: http://uni-pr.edu/Lajmet/Konkurs-per-pranimin-e-studenteve-ne-studimet--%281%29.aspx

The call is open until the 15th of December 2012.

CONTACT

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UNIVERSITY OF PRISHTINA

University of Prishtina (Universiteti i Prishtinës – UP) is relatively young university which celebrated its 40th anniversary two years ago. It is the biggest and was until recently the only public university in Kosovo. University of Prishtina has 17 faculties which are situated in different locations in Kosovo. It is one of the first higher education institutions in the region which has undertaken the thorough process of reform in accordance with Bologna process. It is involved in many international projects and it has established numerous cooperation agreements with partners from Europe and America.

For more information please see www.uni-pr.edu.

Faculty of Agriculture and Veterinary has sufficient evidence of various research initiatives, mainly in the organisation and collaboration with universities/colleges abroad (joint research projects).

Despite the difficulties, the Department of Biotechnology in Animal Sciences has encountered various cooperation activities, as: to provide solutions to existing problems of agricultural industry in Kosovo, greater approximation to relations scientific research - teaching, bilateral fruitful cooperation with international (mainly EU) partners (joint projects), outstanding teaching and research staff with long tradition and experience in well known institution (e.g. Prof. Bajram Berisha, coordinator of this Tempus project, etc).

TECHNICAL UNIVERSITY MUNICH

Technical University Munich (Technische Universität München – TUM) is one of Germany’s leading universities. It has roughly 480 professors, 9,000 academic and non-academic staff, and 32,000 students. It focuses on the engineering sciences, natural sciences, life sciences, medicine, and economic sciences. After winning numerous awards, it was selected as an “Elite University” in 2006 and 2012 by the Science Council (Wissenschaftsrat) and the German Research Foundation (DFG). The university’s global network includes an outpost with a research campus in Singapore. TUM is dedicated to the ideal of a top-level research-based entrepreneurial university.

For more information, please see www.tum.de.

Biology is the key science at the Center of Life and Food Science Weihenstephan (TUM Faculty), while interdisciplinary research on the foremost subjects of this century – nutrition, land use, environment - is conducted at the largest of TUM’s faculties. Scientists work on safeguarding the quality and quantity of nutrition and gaining ecological, economic and social living space. Agricultural, forestry and environmental scientists, biologists, chemists, nutritional and food scientists, engineers and physicists research the entire life cycle of food and raw materials, from the genetic and biological bases to production to processing and consumption. (www.wzw.tum.de)
UNIVERSITY OF GRANADA

The University of Granada (Universidad de Granada – UG) was founded in 1531 and it has 7 campuses in Granada, Ceuta and Melilla and more than 80,000 students. Besides teaching, UG is dedicated to promotion of research, innovation and development of cooperation between the university and the business world. UG is among the leading universities in terms of student mobility and it is involved in major exchange programmes with universities all over the world. For more information please see www.ugr.es.

The Institute of Nutrition and Food Technology (INYTA) offers basic and applied research as well as post graduate education in human nutrition and food technology, nutritional studies of populations and elaboration of nutritional guides and recommendations. The institute also provides services such as food analysis and nutritional genomics (http://winyta.ugr.es)

TEMPUS PROJECT

PhD in Science and Technology and Creating Capacities for PhD Reform at the University of Prishtina/ Kosovo – PhD@UP

The PhD Programme in Food Science and Technology has been developed within a Joint Tempus Project “PhD in Food Science and Technology & Creating Capacities for PhD Reform at the University of Prishtina - PhD@UP”, which aims at supporting curricular reform and capacity building at the University of Prishtina with support of the Ministry of Education, the Kosovo Accreditation Agency and Student Unions. This project focuses on reforming the PhD system at the UP in accordance with the Bologna process and the European standards. Furthermore, this project enabled development and implementation of the interdisciplinary PhD programme in Food Science and Technology with the intention to create a good practice model at the UP, which demonstrates a PhD model based on European standards in curriculum, research, internationalisation and quality assurance. The programme is accredited by the Kosovo Accreditation Agency and it will become an integral part of the UP. This action presents a joint effort to improve the offer at the PhD level at the UP and is one further step towards the integration of Kosovo into the European Higher Education Area (EHEA).
Partners:

University of Graz – Contractor
World University Service (WUS) Austria – Coordinator
University of Prishtina (Faculty of Agriculture and Veterinary) – Main beneficiary
Technical University Munich
University of Granada
University of Vaasa
Austrian Exchange Service ÖAD
Kosovo Accreditation Agency
Ministry of Education, Science and Technology of Kosovo
Independent Union of Students at University of Prishtina
Student List Reforma