



CATALOGUE OF STUDY PROGRAMS



UNIVERSITY OF KRAGUJEVAC

INTRODUCTION



Dear international students, it is our pleasure to introduce you with a brief overview of academic study programs offered at the University of Kragujevac.

ABOUT THE UNIVERSITY



1838 - 1976

The University of Kragujevac was founded on May 21, 1976. On the same date, 138 years before, in 1838, Prince Miloš Obrenović established the first higher education institution in Serbia – “Licej” in Kragujevac, which was at the time the capital of the newly established Serbian state. When Belgrade became the capital, the “Licej” moved there and in 1863 it was renamed into “The Great School” and later eventually became the University of Belgrade in 1905. For a long time after Licej had been moved from here, Kragujevac had no higher education institutions. Then in 1960s the first branches of the faculties of the University of Belgrade opened in Kragujevac, leading to the establishment of the University with five faculties in 1976. In the following years new faculties were opened and new study programs established.

UNIVERSITY TODAY

Today, the University of Kragujevac, with its 12 faculties is a modern educational and research centre embracing almost all major areas of teaching and research. Six of its faculties are located in Kragujevac, the centre of Šumadija Region, while other 6 faculties are located in five towns of Central Serbia – Kraljevo, Čačak, Jagodina, Vrnjačka Banja and Užice, thus covering the area with more than 2 500 000 inhabitants. The University of Kragujevac offers a wide range of study programs on bachelor, master and doctoral level.

ABOUT THE UNIVERSITY



The academic and professional studies are based on approved and accredited study programs. The academic studies are organized and taught as:

- Primary academic studies lasting three to four years and granting, upon their completion, 180 to 240 ECTS points;
- Master academic studies lasting one to two years and granting, upon their completion, 60 to 120 ECTS points;
- Specialized academic studies lasting at least one year and granting, upon their completion, at least 60 ECTS points;
- PhD academic studies lasting at least three years and granting, upon their completion, at least 180 ECTS points.



Academic study programs in medical sciences (Medicine, Dentistry and Pharmacy) are integrated within the primary and master academic studies so as to acquire 300 ECTS for Dentistry and Pharmacy, and 360 ECTS for Medicine, upon their completion.

The professional studies are organized and taught as:

- 1) primary expert studies lasting three years and granting, upon their completion, 180 ECTS points;
- 2) specialized expert studies lasting at least one year and granting, upon their completion, at least 60 ECTS points.

THE FACULTIES



- FACULTY OF ENGEENIRG IN KRAGUJEVAC
- FACULTY OF MECHANICAL AND CIVIL ENGINEERING IN KRALJEVO
- FACULTY OF TECHNICAL SCIENCES IN ČAČAK
- FACULTY OF MEDICAL SCIENCES IN KRAGUJEVAC
- FACULTY OF SCIENCE IN KRAGUJEVAC
- FACULTY OF AGRONOMY IN ČAČAK
- FACULTY OF ECONOMICS IN KRAGUJEVAC
- FACULTY OF HOTEL MANAGEMENT AND TOURISM IN VRNJAČKA BANJA
- FACULTY OF LAW IN KRAGUJEVAC
- FACULTY OF PHILOLOGY AND ARTS IN KRAGUJEVAC
- FACULTY OF PEDAGOGICAL SCIENCES IN JAGODINA
- TEACHERS TRAINIG FACULTY IN UŽICE

FACULTY OF ENGINEERING IN KRAGUJEVAC

The Faculty of Engineering was founded in 1960 and since then it has grown into a mature and dynamic educational and scientific institution with rich tradition, research results and esteemed reputation both on national and international level.

The academic studies at all levels are organized within the following streams:

- Mechanical Engineering (1st study cycle with 180 ECTS, 2nd study cycle with 120 ECTS and 3rd study cycle with 180 ECTS)
- Military Industrial Engineering (1st study cycle with 240 ECTS and 2nd study cycle with 60 ECTS)
- Automotive Engineering (1st study cycle with 180 ECTS, 2nd study cycle with 120 ECTS)
- Urban Engineering (1st study cycle with 240 ECTS)
- Engineering Management (2nd study cycle with 60 ECTS)
- Industrial engineering (Business Information Systems - 2nd study cycle with 60 ECTS)



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For more information on study programs visit [this page](#)

The curriculum is based on the fundamental disciplines (mechanics, mathematics), general engineering disciplines (thermodynamics, strength of materials, informatics, electrical engineering, computer applications, material science, machine elements, metal machining) and special engineering disciplines. By combination of these scientific areas, a number of multidisciplinary educational courses are developed, with a number of modules and sub-courses.

The Faculty encourages scientific research in various ways with the aim of enhancing the quality of lectures. It allocates substantial funding and also has a strong portfolio of externally-funded research projects. For many years it has been a leading faculty of the University of Kragujevac in the number of TEMPUS as well as other EU educational, scientific and research projects. As a result, the Faculty of Mechanical Engineering has established very successful cooperation with a number of foreign universities and other institutions of higher education in the field of mechanical engineering.

FACULTY OF MECHANICAL AND CIVIL ENGINEERING IN KRALJEVO

The Faculty was established in 1975 as Belgrade Center for part-time engineering studies within the Railway Car Factory in Kraljevo. Gradually it has grown into the Faculty of Mechanical and Civil Engineering and gained a high reputation, not only in terms of excellent teaching, but also on account of intense research based on firm links with its industrial environment.

The Faculty organizes comprehensive first degree and second degree programs:

- Mechanical Engineering (1st study cycle, 180 ECTS)
- Civil Engineering (1st study cycle, 180 ECTS)

2nd study cycle (1 study year, 60 ECTS):

- Mechanical Engineering with following modules:
 - Design engineering;
 - Production engineering;
 - Automatic control, robotics and fluid technique;
 - Energetics and environment protection.

The Faculty also organizes doctoral studies in a variety of fields leading to the degree of a Doctor of academic sciences - Mechanical Engineering.

Research effort is concentrated on fundamental, applied and developmental projects. In keeping with its general commitment to integrate research and teaching, the Faculty is flexibly organized to allow the maximum degree of cooperation with industry, as well as extensive interaction with other organizations in its immediate and wider environment.



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FACULTY OF TECHNICAL SCIENCES IN ČAČAK

Faculty of Technical Sciences in Čačak was founded in 1975 as a Faculty of Technical Pedagogy educating secondary school teachers in the field of technical sciences. In 1982 it changed the name into the Technical Faculty with its primary aim to organize undergraduate studies leading to the professional engineering degrees.

Today, the Faculty of Technical Sciences in Čačak educates future engineers, teachers and managers, preparing them for successful future through the application of acquired theoretical knowledge and practical work. The current teaching programs have been adjusted to comply with the European standards of education following the current tendencies, and fully dedicated to the work ensuring the leading position of the institution in Western and Central Serbia.

Available study programs (1st and 2nd level of studies):

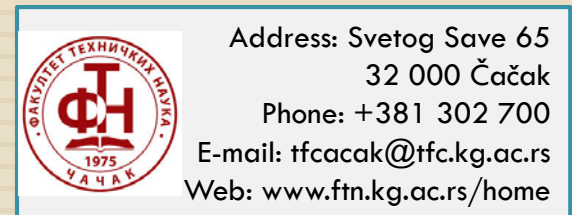
- Electrical and Computer Engineering (1st study cycle with 240 ECTS and 2nd study cycle with 60 ECTS)
- Mechatronics (1st study cycle with 240 ECTS and 2nd study cycle with 60 ECTS)
- Industrial Management (1st study cycle with 240 ECTS and 2nd study cycle with 60 ECTS)
- Informational technologies (1st study cycle with 240 ECTS and 2nd study cycle with 60 ECTS)
- Entrepreneurial Management ((1st study cycle with 240 ECTS)

Integrated academic studies: Technic and Informatics (5 study years, 300 ECTS)

Doctoral studies:

- Electrical and Computer Engineering (180 ECTS)
- Mechatronics (180 ECTS)

Along with its educational activity, the Faculty has been conducting intensive scientific-research work that has resulted in completion of a great number of masters and doctoral theses. The Faculty has established a prolific co-operation with many scientific and economic institutions in the country and abroad, and has earned a considerable academic reputation and established firm links with its rich industrial environment. Accordingly, it is an important centre for gaining and advancement of knowledge, projecting and development, innovations, and application of modern technical achievements



FACULTY OF MEDICAL SCIENCES IN KRAGUJEVAC

Since 1977 when the first medical courses were established in Kragujevac, the Faculty Medical Sciences has grown into one of the most reputable medical teaching centers in Serbia. As an academic center which integrates teaching, research and health care into a unique academic mission, the Faculty implements modern curricula and syllabi at three departments:

- Medicine (integrated academic studies with 360 ECTS, 6 study years)
- Pharmacy (integrated academic studies with 300 ECTS, 5 study years)
- Dentistry (integrated academic studies with 300 ECTS, 5 study years)

Undergraduate specialized (vocational) studies (3 study years, 180 ECTS):

- Specialized nurse
- Specialized therapist



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The Faculty also provides opportunities for graduate work toward specialists' and sub-specialists' qualifications, as well as toward master's and Ph.D. degrees. With a vision that medical training is a life-time commitment, the Faculty also supports continuing education programs and other activities for doctors and medical care professionals.

Although most of the teaching is based at the Faculty itself, implementation of these goals requires a wide range of teaching and research facilities provided on the basis of contracts with local health institutions that offer a full range of clinical settings where students, coping with most diverse health problems, gain appropriate experience and confidence to practice. It also has the equipment for video conferencing, so that its students and teachers can watch the surgical interventions broadcast alive.

In addition to their teaching commitments, the Faculty staff, many of whom are well-recognized leaders in their fields, are all actively engaged in research. Rich research endeavors that complement teaching are regularly presented to the academic public through the reputable journal "Medicus", published by the Faculty.

FACULTY OF SCIENCE IN KRAGUJEVAC



The Faculty of Science was founded in 1972 and since then it has grown into an academic institution actively engaged in various forms of educational and research activities. The Faculty offers a variety of programs in science within graduate and postgraduate academic studies:

- Mathematics (1st study cycle with 240 ECTS and 2nd study cycle with 60 ECTS)
- Informatics (1st study cycle with 240 ECTS and 2nd study cycle with 60 ECTS)
- Physics (1st study cycle with 240 ECTS and 2nd study cycle with 60 ECTS)
- Chemistry (1st study cycle with 240 ECTS and 2nd study cycle with 60 ECTS)
- Biology (1st study cycle with 240 ECTS and 2nd study cycle with 60 ECTS)
- Ecology (1st study cycle with 240 ECTS and 2nd study cycle with 60 ECTS)

Doctoral studies: 6 semesters, 180 ECTS:

Mathematics, Informatics, Biology, Physics and Chemistry

Each department offers several specialized curricula permitting a deeper exploration of an area in which the student develops an individual interest within the pursued general orientation. Also, they are all designed to introduce students to broad theoretical principles and research methods in related scientific disciplines as well as with elements of pedagogical and methodical training, preparing them for a wide variety of careers - from teaching to industrial and research establishments. Besides these Institutes, the Faculty includes other organizational units such as: Botanical garden, Aquarium, Center for permanent education, Center for environment protection and Innovation Center for applied mathematics and information technologies.

The Faculty's research activities have the following principle objectives in mind: to develop applied areas of science and assist in the development of related technologies, to provide its researchers, associates and visitors with the facilities for conducting original research, to help in fostering the growth of advanced studies in and related to natural sciences and mathematics, to provide a forum for scientific contacts between scientists from Serbia and their colleagues around the world.



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FACULTY OF AGRONOMY IN ČAČAK

The Faculty of Agronomy in Čačak was established in 1978. The Fruit Research Institute and Higher Agricultural School from Čačak, as well as the Small Grains Institute from Kragujevac laid the foundation of this institution of higher education. Today, the Faculty organizes studies at all three study cycles:

Undergraduate academic studies (1st study cycle, 4 academic years, 240 ECTS)

- General Agronomy
- Food Technology
- Pomology and Viticulture
- Zootechnics (1st study cycle, 3 academic years, 180 ECTS)

Master academic studies (2nd cycle, 1 academic year, 60 ECTS):

- Agronomy
- Food Technology

Doctoral academic studies (3rd study cycle, 180 ECTS): Agronomy

The link between teaching and practical work, with the aim to achieve practical skills is realized owing to 6.29 ha of planting field used for experimental educational and research purposes. In addition, since 1994, the Faculty has been organizing a scientific-expert conference “Winter School of Agronomists”, and since 1998 a conference on “Scientific Works of Agronomy Students” with the aim to help students and graduates get acquainted with the latest achievements in specific field. The Faculty publishes scientific journal “Acta Agriculturae Serbica” and the exchange basis has been established with a number of domestic and foreign journals.

Besides its major fields of activity, education and research, the Faculty has a few secondary ones: evaluation of seed quality and soil fertility, microbiological and chemical analyses of forage, etc.



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FACULTY OF ECONOMICS IN KRAGUJEVAC



1st study cycle academic studies

ECONOMICS:

- General stream
- Finances, banking and stock-exchange

BUSINESS ECONOMY AND MANAGEMENT:

- Accounting and business finances
- Marketing
- Management
- Tourism and hotel management

2nd study cycle academic studies:

GENERAL ECONOMICS

BUSINESS ECONOMY AND MANAGEMENT

3rd study cycle:

PHD STUDIES OF ECONOMICS

- Devised to be a source of knowledge, skills and competences in the field of economics and arising from consideration of current and future needs of Central Serbia's social and economic life, the Faculty of Economics in Kragujevac was established in 1960 as a department of the Faculty of Economics, University of Belgrade. After fifteen years of intensive development, the Faculty grew into an independent institution since 1975.
- Since its establishment the Faculty has strived at creating an important position in the country and the region by educating economists, managers, and also through encouraging scientific work of its staff who conducted their research projects in the field of fundamental and applied research. With this aim, curricula have been improved in order to be aligned to the latest scientific and educational trends of the contemporary world. The teaching staff have participated in this ongoing improvement contributing to their own professional development and the growth of their own potentials.
- Besides the students who are the biggest potential of the Faculty of Economics, this institution can also pride in competent staff. The teaching process at the Faculty of Economics is performed by 80 teachers and teaching assistants who currently educate more than 3.800 students distributed across Bachelor, Master and PhD programs having all necessary conditions to study and enjoy their student days.
- The Faculty's library includes about 50.000 volumes that cover domestic and foreign books, scientific monographs, primary and reference publications, manuals, domestic and foreign periodicals, Master theses, doctoral dissertations, specialist papers and student term papers. The Faculty is subscribed to 62 domestic and 25 foreign scientific magazines. The Library also has a reading room accommodating 150 students.
- The Faculty has facilities with modern equipment, such as three computer rooms for Bachelor studies, a computer room for Master and PhD students, a classroom of the Center for Lifelong Learning, a video-conferencing room, the academic network and the Internet café, as well as the student restaurant.

FACULTY OF HOTEL MANAGEMENT AND TOURISM IN VRNJACKA BANJA

Driven by an idea to create a unique program in hospitality that is supposed to support further tourism development in Serbia, the University of Kragujevac has established the Faculty of Hotel Management and Tourism in Vrnjačka Banja in 2011. Certainly, one of the main objectives of the Faculty is to develop new generations of managers prepared to undertake on greatest challenges of the modern hospitality industry.

We aim to do so by creating a well balanced combination between classical lecturing and learning through hands-on experience. For that reason the Faculty has committed itself to finding the best partners in the tourism industry, starting from the well-know hotel chains and respected tour operators to organizers of large cultural manifestations and events.

The desired goal is to prepare our students as much as possible for endeavors in their future careers, through enabling them to gain invaluable experience while still at school.

Curriculum is developed based on study programs of leading European faculties in the field of hotel and tourism management. Courses and internships are designed so that they allow for creating highly qualified candidates that will be competent and competitive in contemporary business environment.

Available study programs:

1ST STUDY CYCLE:

Hotel Management and Tourism (8 semesters, 240 ECTS)

2ND STUDY CYCLE:

Hotel Management (2 semesters, 60 ECTS)

Tourism Management (2 semesters, 60 ECTS)



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FACULTY OF LAW IN KRAGUJEVAC

The Faculty of Law in Kragujevac was founded in 1972, although the law studies were taught in Kragujevac as early as in the 19th century in the first institution of higher education in Serbia “Licej”. Today the Faculty of Law is one of the largest faculties of the University of Kragujevac.

The curriculum is based on a comprehensive spectrum of highly professional, general-professional, social-humanistic and theoretical-methodological courses that are constantly being updated in order to reflect the changes occurring in the legal system, as well as the latest achievements in legal and other social sciences and humanities. It is implemented through lectures, practical classes, tutorials, seminars and mid-term papers.

As a rule, the research work at the Faculty transpires through the Institute of Legal and Social Sciences which has a multi-disciplinary orientation, so that legal phenomena are observed through a wide range of approaches from various social sciences. The Faculty organizes scientific and professional workshops, round tables, and seminars on Legal Clinics. Members of the staff are often invited to take part in the work of expert groups engaged to prepare new legislation projects.

AVAILABLE STUDY PROGRAMS:

1st study cycle: Law studies (8 semesters, 240 ECTS)

2nd study cycle: Law studies-Master (2 semesters, 60 ECTS)

3rd study cycle: Law studies-PhD (6 semesters, 180 ECTS)



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FACULTY OF PHILOLOGY AND ARTS IN KRAGUJEVAC

The Faculty of Philology and Arts is one of the youngest faculties of the University of Kragujevac established in 2002 with a rather complex academic structure encompassing programs in philology, literature, humanities and music and applied arts. Actually it started its work in 1996 as a branch of Belgrade Faculty of Philology. Since Kragujevac is famous for its music tradition and heritage, the opening of a branch of Belgrade Faculty of Music Art in 1998 was a logical next step, which was followed by the opening of the branch of Belgrade Faculty of Applied Arts in 1999. FILUM incorporates three departments, functioning as organizational units through which educational and research objectives are administered for one or more related major fields of study and research. The Faculty provides a wide range of 1st and 2nd study cycle programmes. It also offers PhD studies in Linguistics and Literature, as well as in Serbian language and literature. It is one of the largest faculties of Kragujevac University with more than 1500 students.

DEPARTMENT OF PHILOLOGY:

- Serbian language and literature (1st study cycle with 240 ECTS, 2nd study cycle with 60 ECTS and 3rd study cycle with 180 ECTS)
- English language and literature (1st study cycle with 240 ECTS and 2nd study cycle with 60 ECTS)
- French language and literature (1st study cycle with 240 ECTS and 2nd study cycle with 60 ECTS)
- German language and literature (1st study cycle with 240 ECTS and 2nd study cycle with 60 ECTS)
- Spanish language and literature (1st study cycle with 240 ECTS and 2nd study cycle with 60 ECTS)

DEPARTMENT OF MUSIC ARTS:

- Accordion (1st study cycle with 240 ECTS and 2nd study cycle with 60 ECTS)
- String instruments (1st study cycle with 240 ECTS)
- Flute (1st study cycle with 240 ECTS)
- Solo singing (1st study cycle with 240 ECTS)
- Piano (1st study cycle with 240 ECTS)
- Music in media (1st study cycle with 240 ECTS and 2nd study cycle with 60 ECTS)
- Music theory and pedagogy (1st study cycle with 240 ECTS and 2nd study cycle with 60 ECTS)

DEPARTMENT OF APPLIED ARTS:

- Graphic design (1st study cycle with 240 ECTS and 2nd study cycle with 60 ECTS)
- Interior Architecture (1st study cycle with 240 ECTS)
- Wall painting (1st study cycle with 240 ECTS and 2nd study cycle with 60 ECTS)

DOCTORAL STUDIES

Doctoral studies in Philology
(Language and Literature)

Doctoral study in Serbian Language and
Literature

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FACULTY OF PEDAGOGICAL SCIENCES IN JAGODINA

The Faculty of Pedagogical Sciences in Jagodina was established in 1993 as an academic unit of the University of Kragujevac bearing the responsibility for the training of elementary-school teachers (I to IV grade). The first degree studies for prospective elementary-school teachers are based on a four-year and three-year curricula in the following streams:

- Elementary school teacher (from I-IV elementary school grade; 8 semesters, 240 ECTS)
- Teacher in pre-school institutions (8 semesters, 240 ECTS)
- Teacher in pupils' dormitories and other specialized institutions for children (6 semesters, 180 ECTS)

The Faculty also offers second degree studies:

- Master studies for Elementary school teacher (2 semesters, 60 ECTS)
- Master studies for Teacher in pre-school institutions (2 semesters, 60 ECTS)
- Master studies for Teacher in pupils' dormitories and other specialized institutions for children (4 semesters, 120 ECTS)

In addition to a range of modern lectures and exercises conducted in modern classrooms, the Faculty has as a wide range of audio-visual equipment enabling the realization of modern teaching methods. These facilities provide excellent conditions for the work of drama groups, orchestra, computer courses, sport activities, etc.



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FACULTY OF TEACHERS TRAINING IN UZICE

The Teachers' Training Faculty in Užice was established in 1993 as an academic unit of the University of Kragujevac bringing along the tradition and heritage of this historic, cultural and economic center of western Serbia.

The 1st study cycle programs leading to the B.A. degree in elementary education last four years at the following streams:

- Elementary school Professor of I - IV grade studies (8 semesters, 240 ECTS)
- Teacher at pre-school institutions (8 semesters, 240 ECTS)

These study programs are concentrated on the psychological-pedagogical and other educational aspects of the work with the youngest elementary-school children. The Faculty supports continuing education programs for their teachers and associates which follow the current trends in European education.

The Faculty also offers graduate 2nd study cycle programs leading to Master's degree:

- Elementary school Professor of I - IV grade studies (2 semesters, 60 ECTS)
- Teacher at pre-school institutions (2 semesters, 60 ECTS)

Along with other teachers' training faculties in the country, the Teachers' Training Faculty in Užice is constantly updating the curricula in order to reflect the changes occurring in the educational system, as well as the latest achievements in other social and humanistic sciences.

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