

## Basic Science

**Faculties**

**Study**

**Degree**

### Faculty of Mathematics and Statistics

Department of Statistics	Statistics	PhD
	Social and Economic Statistics	Master's
	Mathematical Statistics	Master's
	Statistics	Bachelor's
Department of Applied Mathematics and Computer Science	Applied Mathematics - Operations Research	PhD
	Applied Mathematics - Numerical Analysis	PhD
	Applied Mathematics – Optimization	Master's
	Applied Mathematics – Coding and Cryptography	Master's
	Applied Mathematics – Financial Mathematics	Master's
	Applied Mathematics- Mathematical Physics	Master's
	Applied Mathematics - Numerical Analysis	Master's
	Computer Sciences	Bachelor's
Department of Pure Mathematics	Mathematics - Analysis	PhD
	Mathematics – Geometry (Topology)	PhD
	Pure Mathematics - Algebra	PhD
	Mathematics and Applications- Analysis	Master's
	Mathematics and Applications- Algebra	Master's
	Mathematics and Applications- Geometry and Topology	Master's
	Mathematics and its Applications	Bachelor's

## Faculty of Chemistry

Department of Organic and Polymer Chemistry	Chemistry – Polymer Chemistry	PhD
	Chemistry – Organic Chemistry	PhD
	Chemistry – Polymer Chemistry	Master's
	Chemistry – Organic Chemistry	Master's
Department of Analytical Chemistry	Chemistry – Analytical Chemistry	PhD
	Chemistry – Analytical Chemistry	Master's
Department of Physical Chemistry	Chemistry – Physical Chemistry	PhD
	Chemistry – Physical Chemistry	Master's
	Nanochemistry	Master's
Department of Inorganic Chemistry	Chemistry – Inorganic Chemistry	PhD
	Chemistry – Inorganic Chemistry	Master's
	Chemistry – Organic Chemistry	Master's
	Chemistry – Applied Chemistry	Bachelor's
	Chemistry – Pure Chemistry	Bachelor's
Department of Nanotechnology	Nanochemistry	Master's

## Faculty of Biological Science and Technology

Department of Cell and Molecular Biology and Microbiology	Biochemistry	PhD
	Cellular and Molecular Biology	PhD
	Molecular Genetics	PhD
	Microbiology	PhD
	Biochemistry	Master's
	Cellular and Molecular Biology	Master's
	Genetics	Master's
	Microbiology – Industrial	Master's
	Microbiology –	Master's
	Microbiology – Industrial (Joint with Seoul University)	Master's
	Microbiology – Environmental	Master's
	Cellular and Molecular Biology	Bachelor's
	Microbiology	Bachelor's
Department of Plant and Animal Biology	Animal Biology – Cellular and Developmental Biology	PhD
	Plant Biology – Systematics	PhD
	Plant Biology – Physiology	PhD
	Animal Biology -Biosystematics	Master's

	<b>Animal Biology – Cellular and Developmental Biology</b>	<b>Master’s</b>
	<b>Animal Biology - Physiology</b>	<b>Master’s</b>
	<b>Plant Biology – Physiology</b>	<b>Master’s</b>
	<b>Plant Biology – Systematics and Ecology</b>	<b>Master’s</b>
	<b>Animal Biology</b>	<b>Bachelor’s</b>
	<b>Plant Biology</b>	<b>Bachelor’s</b>
<b>Department of Biotechnology</b>	<b>Nanobiotechnology</b>	<b>PhD</b>
	<b>Microbial Biotechnology</b>	<b>PhD</b>
	<b>Nanobiotechnology</b>	<b>Master’s</b>
	<b>Biotechnology - Microbial Biotechnology</b>	<b>Master’s</b>
<b>Interdisciplinary</b>	<b>Chemical Engineering - Biotechnology</b>	<b>PhD</b>
	<b>Chemical Engineering - Biotechnology</b>	<b>Master’s</b>

## Faculty of Physics

<b>Department of Physics</b>	<b>Physics</b>	<b>PhD</b>
	<b>Physics – Optics and Laser</b>	<b>PhD</b>
	<b>Physics – Atomic and Molecular Physics</b>	<b>PhD</b>
	<b>Physics – Condensed Matter Physics</b>	<b>PhD</b>
	<b>Physics – Optics and Laser</b>	<b>Master’s</b>
	<b>Physics – Atomic and Molecular Physics</b>	<b>Master’s</b>
	<b>Physics – Condensed Matter Physics</b>	<b>Master’s</b>
	<b>Physics – Nuclear Physics</b>	<b>Master’s</b>
	<b>Physics</b>	<b>Bachelor’s</b>
<b>Department of Nuclear Engineering (Interdisciplinary)</b>	<b>Nuclear Engineering - Nuclear Fusion Engineering</b>	<b>PhD</b>
	<b>Nuclear Engineering - Medical Radiation Engineering</b>	<b>PhD</b>
	<b>Nuclear Engineering - Reactor Engineering</b>	<b>PhD</b>
	<b>Nuclear Engineering - Applied Radiation Engineering</b>	<b>PhD</b>
	<b>Nuclear Engineering - Nuclear Fuel Cycle</b>	<b>PhD</b>

	<b>Nuclear Engineering - Reactor Engineering</b>	<b>Master's</b>
	<b>Nuclear Engineering - Applied Radiation Engineering</b>	<b>Master's</b>
	<b>Nuclear Engineering - Nuclear Fusion Engineering</b>	<b>Master's</b>
	<b>Nuclear Engineering -Medical Radiological Engineering</b>	<b>Master's</b>

## **Department of Geology**

<b>Department of Geology</b>	<b>Geology –Tectonics</b>	<b>PhD</b>
	<b>Geology – Economic Geology</b>	<b>PhD</b>
	<b>Geology – Engineering Geology</b>	<b>PhD</b>
	<b>Geology - Stratigraphy and Paleontology</b>	<b>PhD</b>
	<b>Geology – Petrology</b>	<b>PhD</b>
	<b>Geology – Economic Geology</b>	<b>Master's</b>
	<b>Geology – Engineering Geology</b>	<b>Master's</b>
	<b>Geology – Petrology</b>	<b>Master's</b>
	<b>Geology – Stratigraphy and Paleontology</b>	<b>Master's</b>
	<b>Geology – Sedimentology and Sedimentary Petrology</b>	<b>Master's</b>
	<b>Geology – Structural Geology (Tectonics)</b>	<b>Master's</b>
	<b>Geology</b>	<b>Bachelor's</b>