











# **Urmia University**

Faculties and Research Centers
Research, Welfare, and Sport Facilities

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### **An Introduction to**

# **Urmia**

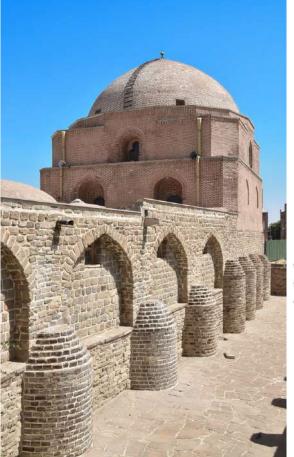
Urmia is the capital city of West Azerbaijan province in the northwest of Iran. It has a population of about 800,000 people, which is the tenth most populous city in Iran and the second most populous one in the northwestern region of Iran. Urmia is located at an altitude of 1332 meters above sea level in the west of Urmia Lake. Urmia is known as the city with the first modern hospital, the first medical education center, the first modern school, the first local TV channel and the first local publication in Iran.

















# **Urmia University**

#### **Overview**

- **▼** Research Centers
- Urmia Lake Research Institute
- Nanotechnology Research Center
- Artemia and Aquaculture Research Center
- Biotechnology Research Center
- Microelectronics Research Center
- Social Studies Research Institute

#### **Academic staff**

Assistant Professors	220+
Associate Professors	180 <sup>+</sup>
Professors	100+
Total	500 <sup>+</sup>

- Faculties
- **Faculty of Agriculture**
- **Faculty of Engineering**
- Faculty of Sciences
- **Faculty of Literature and Humanities**
- **Faculty of Veterinary Medicine**
- Faculty of Economics and Management
- Faculty of Electrical and Computer Engineering and **Advanced Technologies**
- Faculty of Chemistry
- Faculty of Natural Resources
- Faculty of Architecture and Urban Planning
- Faculty of Sport Sciences

Distance to the city airport: 20 km Distance to the city terminal: 15 km Distance to the main railroad station: 35 km Physical Space area



**Total Premises** 



### **Urmia University in Top University Ranking Systems**

800-1200





1801



920



201-300



678



In the Field of Science and Food Industry

301-400



In the Field of Mechanical Engineering



































+ 98 44 32755296

SeroBlvd, Po.Box: 165, Urmia, Iran











### **Dormitories**

Male Students 18 Buildings

**Female Students 12** Buildings

**Total Buildings 30** Buildings

Total Dormitory Capacity

4200 Residents

#### **Facilities**

- Reading Hall
- Computer Site
- Free WiFi
- **⊙** Supermarket
- Barbershop
- Laundry
- Dining Hall

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### **Restaurants**

Restaurant Name	Cooking apacity (servings per day)	
Central	3000	
Faculty of Sciences	2000	
Faculty of Veterinary	1200	
Faculty of Literature	500	
FacultyofArt	700	











# **Sporting Facilities**

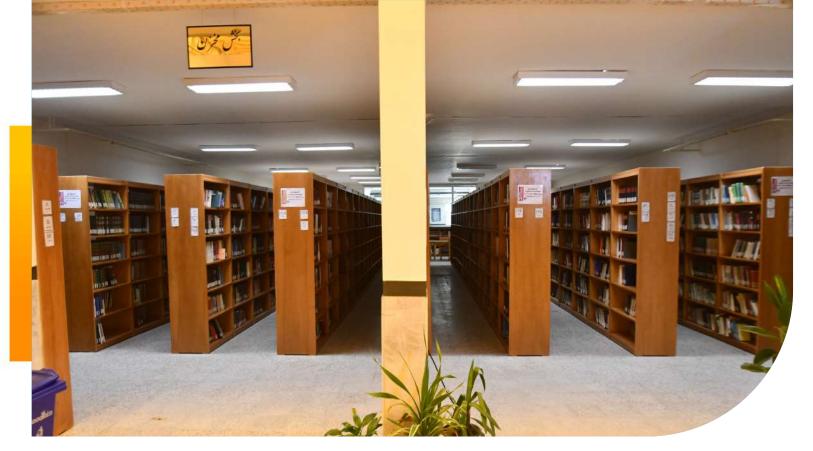
Туре	Number
Sports Hall	5
Swimming Pool	2
Fitness Center	5
OutdoorSport Space	30
Football Field	3
Туре	Area per square meter
Outdoor Sporting Space	31966
Indoor Sporting Space	10240











### **Libraries**

Libraries	11
TotalArea	5000 square meter
Number of books	200000









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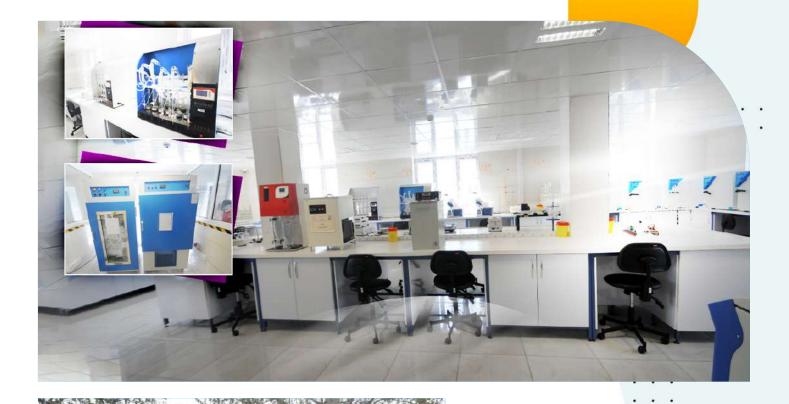
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### **Central Laboratory**

- Physical Space: **1000** square meter
- High-tech Equipped
- Member of the Scientific Laboratories Network of Iran
- Awarded with nine ISO 9001 Certificates for Quality Management Systems
- Awarded with five ISO 17025 Certificates



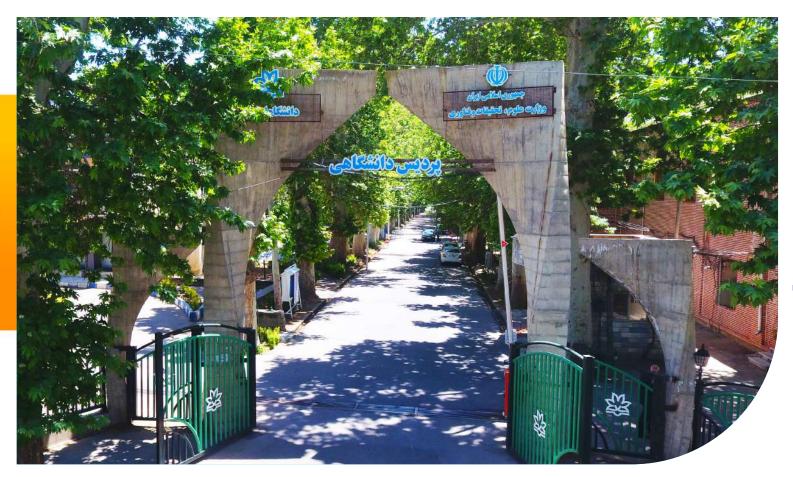












# International Students



Nationalities of International Students

Programs	Number of International Students	
BA/BSc	10⁺	
MA/MSc	1000⁺	
PhD	<b>320</b> ⁺	
DVM	10⁺	
<b>Total Number</b>	1300 <sup>+</sup>	

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ramodon system i	or international students, Urmia University	
TÜRKÇE ARABIC ENGLISH PE	Student Entry	اداره حمدًاریهــای علمــــی و بین العللی دانشــدّاه ارومیه
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	Password	
	Enter your Password	واشكاه ارؤك
1	.og in	اداره همکاریهای علمی و بین المللی
R	egister	International Student Admission System
Professors Entry	Help	To use, log in or register
	?Forgot your password	The second second second
Contact Us%		

Admission system for international students https://intreg.urmia.ac.ir





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# Faculty of Agriculture











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### **Facilities of Faculty of Agriculture**

- Specialized library / Conference hall
- Research greenhouse / 12 hectares of research fields
- Clay Mineralogy (XRD)
- Food Quality Determination Lab.
- Food Analysis Lab.
- Animal and Poultry Physiology Lab.
- Plant Tissue Culture and Biotechnology Lab.
- Plant Breeding and Genetics Lab.
- Renewable Energy Lab.
- Central Laboratory
- Soil Chemistry and Biology Lab
- Research and education farms: Livestock, Poultry, and Honeybee Divisions
- Animal Science Department Labs (Nutrition, Physiology, and Genetic)

Daniel de la contra	Fields/Majors	Programs		
Departments	Fields/Majors	BSc	MSc	PhD
	Soil Science			- Inches
	Soil physics and conservation		$\square$	
Soil Science	Soil Resources and Land Evaluation		$\square$	
	Soil Chemistry, Fertility and Plant Nutrition			$\square$
	Soil Biology and Biotechnology			
	Food Science and Technology			
Food Science and	Food Engineering		☑	
Technology	Food Microbiology			$\square$
	Food Chemistry and Food Technology		Ø	Ø
	Plant Protection	☑		1000
Plant Protection	Agricultural Entomology		☑	☑
riant riotection	Plant Pathology		N	
	Plant Production and Genetics			
	Agrotechnology – Crop Ecology		Ø	Ø
	Agrotechnology – Crop Physiolog		☑	Ø
Plant Production			☑	<u>~</u>
and Genetics	Agrotechnology - Seed Science and Technology			
	Agroecology			
	Agricultural Biotechnology		☑	_
	Plant Genetics and Breeding		Ø	$\square$
	Horticultural Science Engineering	☑	_	
Horticultural Science Engineering	Pomology			
	Medicinal and Aromatic Plants		☑	
	Ornamental Plants		☑	
Jeiente Engineering	Post-harvest Physiology and Technology			Ø
	Horticultural Science			
	Herbs, Spices, and Aromas			$\square$
	Agricultural Economics Engineering	$\square$		
	Production Economics and Management of		Ø	
Agricultural	Agricultural Units			
Economics	<b>Natural Resources and Environment</b>		Ø	
Engineering	Economics		·	
	Marketing of Agricultural Products		☑	
	Agricultural Policy and Development			
	Water engineering,			
\A/	Hydraulic Structures			
Water Engineering	Water Resources Engineering			
	Irrigation and Drainage		$\square$	$\square$
	Animal Sciences	☑		
	Poultry Nutrition		$\square$	
	Genetics and Animal Breeding		☑	
Animal Sciences	Physiology			
	Apiculture		☑	
	Ruminant Nutrition		☑	☑
	Mechanical Engineering of Biosystems	Ø	(Service)	-
Mechanical	Engineering of Food Machinery	Ø		
Engineering of	Postharvest Technology	o Med. ()	Ø	Ø
Biosystems	Design and Construction		☑	Ø





# Faculty of **Engineering**











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## Majors/Fields of the Study Faculty of Engineering

### **Facilities of Faculty of Engineering**

- Mechanical Engineering Department Laboratories:
- Strength of Materials, Thermodynamics, Dynamics and Vibrations, Materials Science, Heat transfer, Wind tunnel Metal forming, Internal combustion engines, Micro/Nano Electromechanics, Measurement and Energy Measurement, Renewable Energy, and 3 workshops including: Welding and Sheet Metal Working, Machine tools, Auto-Mechanic.
- Civil Engineering Department Laboratories:
- Hydraulics and fluids, Concrete technology and building materials, Soil Mechanics, Seismic geotechnical research, Environmental Geotechnical Research, Structure Research, Research center for crisis management and infrastructure engineering, Mapping workshop.
- Mining Engineering Department Laboratories:
   Rock mechanics, Mining, mineralogy, Petrology, Cartography, Crushing,
   Physical separation, Flotation, Hydrometallurgy.
- Industrial Engineering Department Laboratories:
   Optimization of systems
   Material Engineering Department Laboratories:
   Casting and solidification workshop, Forming, Powder metallurgy, Corrosion and Surface Engineering, Metallography and Microscope, Heat Treatment, Mechanical properties, Crying and freezing
- Polymer Engineering Department Laboratories:
   Advanced polymers polymer engineering chemistry
- Chemical Engineering Department Laboratories:
   Chemical Engineering Operations, Chemical Engineering Process Control,
   Chemical Engineering (Fuel Cell, Catalyst and Reactor), Separation processes,
   Chemical engineering Software workshop.

Donartmonts	Fields/Majors	Programs		
Departments	rieius/iviajors	BSc	MSc	PhD
	Energy Conversion		☑	$\square$
Mechanical Engineering	Solid Mechanics		☑	Ø
	Dynamics & Vibration		☑	Ø
	Manufacturing		☑	◩
	Renewable Energies		Ø	
	MEMS		Ø	
	Mechanical Engineering	☑		
	Structural Engineering		Ø	$\square$
	Earthquake Engineering		Ø	
Civil Engineering	Geotechnical Engineering		☑	☑
Civil Engineering	Hydraulics and Hydraulic Structures		Ø	Ø
	Road & Transportation		$\square$	
	Environmental Engineering		Ø	
	Civil Engineering	☑	$\square$	
	Mine Exploitation		☑	
	Mineral Exploration		☑	$\square$
Mining Engineering	Mineral Processing		☑	
	Tunnels and underground spaces		Ø	
	Mining Engineering	$\square$		
Industrial Engineering	Industrial Engineering-Optimization		$\square$	
	Industrial Engineering	Ø		
Material Engineering	Nano Materials & Technologies		☑	
	Material Engineering	Ø		
Chemical Engineering	Polymer Engineering	Ø		
Polymer Engineering	Chemical Engineering	Ø		









# Faculty of Sciences

Assistant Professors	<b>2</b> 0⁺	<b>←</b> Academic staff
Associate Professors	25⁺	Starr
Professors	<b>1</b> 5⁺	
Total	60 <sup>+</sup>	



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### Majors/Fields of the Study Faculty of Sciences

Mathematics De	partment			
Na. 1	Programs			
Majors/Fields	BSc	MSc	PhD	
Mathematics and its Applications				
Mathematics and its Applications- Analysis		☑		
Mathematics and its Applications- Geometry (Topology)		<b>☑</b>		
Mathematics and its Applications- Algebra		$\square$		
Mathematics- Analysis				
Mathematics- Geometry (Topology)			$\square$	
Mathematics- Algebra			☑	
Matroid		Ø	☑	
Applied Mathematics- Numerical Analysis		☑	☑	
Statistics	$\square$	☑		

Biolo	gy Depart	ment		
Fieds/Majors	Programs			
	BSc	MSc	PhD	
Plant Sciences	$\square$			
Animal Sciences	☑			
Plant Physiology		☑	☑	
Plant Taxonomy and Ecology,		☑		
Animal Physiology,		☑		
Developmental and Cellular Animal Biology		Ø		
Biochemistry		Ø		
Environmental sciences		$\square$		

### Facilities of

**Faculty of Sciences** 

#### • Physics laboratories:

Advanced superconductivity /
Advanced optics
Advanced laser/ Thin film deposit
ion
Advanced Nuclear/ Advanced Solid
State Physics

Mathematical Computing Laboratory

#### Biology laboratories:

Plant Physiology / Animal
Physiology
Animal Histology / Microbiology
Biochemistry / Plant Taxonomy
Genetics / Cell Biology
Herbarium/Central lab

#### Geological laboratories:

Advanced transmission and reflection Polarizing-Microscope/
Polarizing-Microscope
Stone cutting machines/
Preparation section and Lapidary

Geology I	epartme		
5'-14-'04-'	Programs		
Fields/Majors	BSc	MSc	PhD
Geology	Ø		
Economic geology		$\square$	☑
Environmental geology			☑
Tectonics			
Geophysics (Seismology and Earthquake)		<b>V</b>	
Stratigraphy and Paleontology			
Hydrogeology			
Petrology			
Industrial Rocks and Minerals		$\square$	

	Phys	ics Departmen	B)	
Fields/Majors	Programs			
	BSc	MSc	PhD	
Elementary/ Fundamental Particles	☑	☑	$\square$	
Condensed Matter Physics	☑	Ø	$\square$	
Nuclear Physics	☑	Ø	Ø	
Optics and Laser	☑	Ø	☑	



# Faculty of Literature and Humanities







lecturers	3	<b>←</b> Academic
Assistant Professors	30⁺	staff
Associate Professors	<b>20</b> <sup>+</sup>	
Professors	<b>10</b> <sup>+</sup>	
Total	<b>60</b> ⁺	



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## Majors/Fields of the Study Faculty of Literature and Humanities

Donartmonts	Fields/Majors	Programs			
Departments	Fields/Majors	BSc	MSc	PhD	
Educational Science	Educational Sciences - Administration and Planning Educational Administration	Educational Sciences - Educational Administration and Planning - Educational Sciences	Educational Administration	Educational Administration Higher Education Administration	
English Language and Literature	English Language Teaching/TEFL/TESOL English Language and Literature	English Language Teaching/TEFL/TESOL English Language and Literature	English Language Teaching/TEFL/TESOL English Language and Literature	English Language Teaching/TEFL/TESOL	
Persian Language and Literature	Persian Language and Literature	Persian Language and Literature	Persian Language and Literature	Persian Language and Literature Lyrical Persian Language and Literature Mystical Persian Language and Literature Epic Persian Language and Literature	
Psychology	General and Educational Psychology	Psychology	General Psychology	General Psychology	
Jurisprudence and Islamic law	Jurisprudence and Islamic Law Jurisprudence and Private Law Jurisprudence and Criminal Law Private Law Criminal Law and Criminology	Jurisprudence and Islamic Law	Jurisprudence and Private Law Jurisprudence and Criminal Law Private Law Criminal Law and Criminology	Private Law Criminal Law and Criminology	
History	History History of Ancient Iran History of Islamic Iran	History	History History of Ancient Iran History of Islamic Iran	•	
Geography	Geography Political Geography Climatology- Spatial Planning	Political Geography Climatology	Spatial Planning		
Islamic Knowledge			Islamic Knowledge and Family Law	•	
Sociology	Sociology	Sociology	Sociology	-	

## Facilities of Faculty of Literature and umanities

- Well-equipped Library
- Conference Hall
- Computer Site
- Video-conferencing Room
- Language Lab
- Psychology Lab
- Geography Lab





# Faculty of Veterinary

**Year of Establishment:** 1975













## Majors/Fields of the Study Faculty of Veterinary

Departments	DVM	MSc	PhD
Basic Sciences	First and Second Year of DVM Program	Clinical Biochemistry	Comparative Anatomy and Embryology  Comparative Histology  Veterinary Physiology
Microbiology	Second and Third Year of DVM program	Immunology Bacteriology	Immunology Bacteriology
Pathobiology	Third and Fourth Year of DVM Program	Parasitology	Veterinary Pathology Parasitology
Hygiene and Food Quality Control	Third and Fourth Year of DVM Program	Food hygiene and quality control	Food Hygiene
Internal Medicine and Clinical Pathology	Fifth and Sixth Year of DVM Program	-	Internal Diseases of Large Animals (DVSc)
Obstetrics and Poultry	Fifth and Sixth Year of DVM Program	-	Poultry Health and Diseases (DVSc)  Obstetrics and Livestock Reproductive Diseases (DVSc)
Surgery and Diagnostic Imaging	Fifth and Sixth Year of DVM Program	-	Veterinary Surgery (DVSc)

## Facilities of Faculty of Veterinary

#### Basic science department facilities

Dissection and anatomy room, histology laboratories and preparation of tissue sections, cell culture, pharmacology, toxicology, biochemistry and physiology

- Microbiology department facilities
  - $Cell \, culture, laboratories \, of \, immunology, \, serology, \, immunochemistry, \, bacteriology, \, virology, \, mycology \, and \, molecular \, diagnosis.$
- Facilities of Pathobiology Department

Autopsy room, pathology laboratory and preparation of sections, electron microscope, diagnostic and research laboratory for symbionts, cestodes, insects, malacology and molecular diagnosis

- The facilities of the food hygiene department
  - Food Microbiology Laboratory, Food Chemistry Laboratory, Health and Milk Industry Laboratory, Meat Health and Inspection Laboratory, Aquatic Health and Diseases Laboratory
- Central laboratory facilities:

PCR laboratory, advanced biochemistry laboratory and...



# Faculty of Economics and Management







Assistant Professors	8	Academic - staff
Associate Professors	<b>10</b> +	36011
Professors	2	
Total	20+	I That But I



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+ 98 44 31144003



### Majors/Fields of the Study Faculty of Economics and Management

Departments	Fields/Majors	Programs		
	rielus/iviajois	ВА	MA	PhD
	<b>Economics Science</b>	$\square$		
	Theoretical Economics		$\square$	
	<b>Development Economics</b>		Ø	$\square$
Feenomies	Islamic Banking		Ø	
Economics	Financial Economics			
	Econometrics			
	International Economics			$\square$
	Industrial Economy			$\square$
	Accounting	$\square$	$\square$	Ø
Accounting	Management Accounting		$\square$	
	Financial Management		$\square$	
	<b>Business Management</b>	$\square$		
Management	Governmental Management	Ø		
	Strategic Managment		Ø	
	International Business		Ø	
	Marketing Management		$\square$	

Well-equipped Library

**Facilities of** 

Conference Hall

**Faculty of Economics and Management** 

- Computer Site
- Video-conferencing Room



Faculty of
Electrical and
Computer
Engineering
and Advanced
Technologies







Assistant Professors	15⁺	∢ Academic - staff
Associate Professors	5⁺	Stair
Professors	5⁺	
Total	25⁺	



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+ 98 44 31124200



Majors/Fields of the Study
Faculty of Electrical and
Computer Engineering and
Advanced Technologies

Departments	Fields/Majors	Programs		
	Fields/Majors	BSc	MSc	PhD
	Computer Networks		$\square$	Ø
Computer Engineering	Software		$\square$	1
	Computer Engineering	$\square$		
C	System		$\square$	$\square$
Communication Engineering	Field		$\square$	$\square$
	Communication Engineering	$\square$		
Electrical Engineering	Electronics	$\square$	$\square$	$\square$
	Micro-Nano Electronics System		$\square$	
<b>Electrical Power Engineering</b>	Electronics-Power	Ø	$\square$	$\square$

# Facilities of Faculty of Electrical and Computer Engineering and Advanced Technologies

- Well-equipped Library
- Conference Hall
- Computer Site
- Microprocessor Laboratory
- Northwest Antenna and Microwave Research Laboratory
- Electronic Laboratory
- Industrial Electronic Laboratory
- Electrical Machines Laboratory
- Digital Signal Processing (DSP) Laboratory









# Faculty of Chemistry

Assistant Professors	<b>10</b> +	Academic - staff
Associate Professors	<b>10</b> +	Starr
Professors	<b>10</b> +	A - 1 4
Total	30⁺	THE BL



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## Majors/Fields of the Study Faculty of Chemistry

Fields/Majors	Program	Programs			
	BSc	MSc	PhD		
Inorganic Chemistry		$\square$			
<b>Analytical Chemistry</b>		$\square$	$\square$		
Physical Chemistry		$\square$			
Applied Chemistry		$\square$			
Organic Chemistry		$\square$	$\square$		

## Facilities of Faculty of Chemistry

• Including 18 laboratories including:

GC

GC-Mass

**HPLC** 

**NMR** 

FTIR

Autolab

Atomic absorption





# Faculty of Natural Resources







Assistant Professors	<b>10</b> +	Academic - staff
Associate Professors	9	Starr
Professors	3	1 14.1 860 1
Total	<b>20</b> <sup>+</sup>	



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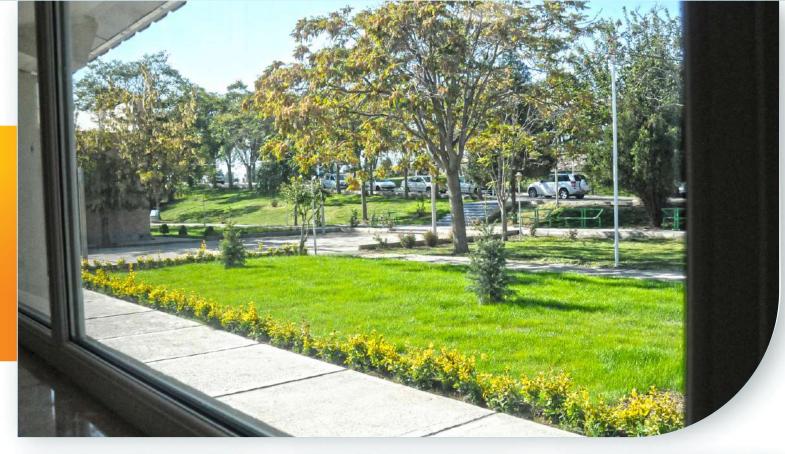
## Majors/Fields of the Study Faculty of Natural Resources

Fields/Majors		Programs		
		MSc	PhD	
Fisheries Sciences - Aquaculture		Ø	☑	
Fisheries Sciences - Aquatics Ecology		☑		
Marine Biotechnology		$\square$		
Forest Science and Engineering	$\square$			
Forest Science and Engineering - Forest Management		Ø	$\square$	
Forest Science and Engineering - Forest Biological Sciences		☑	☑	
Nature Engineering	Ø			
Watershed Engineering and Sciences -Soil and Water Conservation		Ø	☑	
Watershed Engineering and Sciences- Flood and River		Ø	Ø	
Rangeland Engineering and Sciences- Rangeland Management		Ø		
Desert management and control		$\square$		

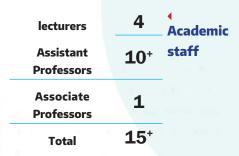
## Facilities of Faculty of Natural Resources

- Herbarium and Range Management
   Laboratory
- GIS Laboratory
- Watershed Management Laboratory
- Palynology Laboratory
- Forest Biometry Laboratory

- Specialized Library
- Central Laboratory
- Amphitheater
- Fishery Laboratory
- Aquaculture Laboratory



# Faculty of Architecture, Urban Planning and Art











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### Majors/Fields of the Study Faculty of Architecture, Urban Planning and Art

Fields/Majors	Programs		
	BSc	MSc	PhD
Urban Planning			
Architecture	$\overline{\mathbf{V}}$	$\overline{\square}$	
Restoration	$   \overline{\mathbf{V}} $		<del></del>
Painting			<b>=</b> 99
Urban Management		$\square$	

# Facilities of Faculty of Architecture, Urban Planning and Art

- Specialized Library
- Painting Studios
- Assembly Hall/Conference Hall
- Architectural Conservation Workshop/ Restoration Workshop
- Printing Studio
- Painting Workrooms
- Architecture and Urban Planning Studios
- Computer Site
- Laboratory of Materials and Stuffs





# Faculty of Sport sciences

Assistant Professors	<b>10</b> +	Academic – staff
Associate Professors	2	
Professors	4	_
Total	15⁺	









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### Majors/Fields of the Study Faculty of Sport sciences

Departments Fields/Majors	Fields/Majors	Programs		
	BSc	MSc	PhD	
Sport Pathology and Corrective Exercies Sport Managment Sport Physiology Sport Sciences		$\square$		
	<b>Sport Pathology and Corrective Exercies</b>		Ø	
	Sport Managment		Ø	Ø
	Sport Physiology		$\square$	Ø
	Sport Sciences	$\square$		

Computer Site

**Facilities of** • Motor Behavior Laboratory

**Faculty of Sport sciences** • Sport Physiology Laboratory

• Corrective Exercises Laboratory











### Urmia Lake Research Institute

#### Field of Activities:

- Extensive research in order to achieve scientific solutions in the optimal management of water and soil resources and uses
- Increasing the productivity of agricultural products
- Stabilization of micro dust foci in the dried up margins of Urmia Lake
- Restoration of wetlands and purification of pollutants from water and soil environments
- Cooperation with Urmia lake restoration headquarters
- Cooperation with global organizations and research institutes



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### Nanotechnology Research Center

### Field of Activities:

- Nano technology
- Nanochemistry
- Nanophysics
- Nanopolymer
- Nano technology
- Nanopolymer
- Nanoelectronics

### Labs:

- Organic Chemistry
- Analytical Chemistry
- Thermal analysis
- electrochemistry
- Nanoelectronics equipped with TGA, DSC, BET devices
- AUTOLAB and PALMSENSE electrochemical systems







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**Year of Establishment:** 1994

### **Artemia and Aquaculture Research Center**

#### Field of Activities:

- Artemia and aquatic animals research
- Artemia cyst and biomass processing
- Production of compounds from aquatic waste
- Aquatic cell culture
- Cultivation of freshwater and saltwater algae

### Possibilities:

- The big hall of reproduction and breeding of aquatic animals
- Artemia cyst and biomass processing and processing center
- Aquatic breeding concrete ponds
- Instrumental analysis laboratory
- Biochemistry laboratory
- Ecology Laboratory
- Algae culture laboratory
- Aquatic Genetics and Biotechnology Laboratory
- Microbiology laboratory
- Fisheries processing technology laboratory

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### Biotechnology Research Center

#### Field of Activities:

- Cell and tissue culture
- Recombinant DNA and protein
- Monoclonal and polyclonal antibodies
- Plant cultivars resistant to pest, disease and environmental stresses
- Medicinal and industrial plants
- Breast cancer Immunotherapy
- Biosensors

#### Labs:

- Agricultural biotechnology
- Cellular and molecular analysis
- Clean room
- Gene purification and expression
- Radiobiology
- Protein Chemistry
- Molecular Biology
- Medicinal and industrial plants
- Bio electrochemistry









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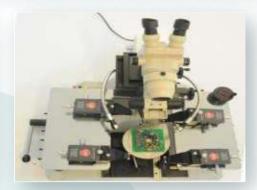


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### Microelectronics Research Center

### Field of Activities:

- Analog integrated circuits
- Digital integrated circuits
- Fuzzy integrated circuits and neural networks
- Micro Machine
- Digital electronic systems
- Semiconductor Devices

#### Possibilities:

- Integrated circuits laboratory
- MEMS Micro Machine Laboratory



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### **Social Studies** Research Institute

#### Field of Activities:

- Social studies
- Development studies and future studies
- Cultural and anthropological studies







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## ICT

### Field of Activities:

- Cultivating, Training, cultivating young people for entrepreneurship
- Development of the innovation and
- entrepreneurship ecosystem of the university
- Supporting networking, business development, community interaction in creative, cultural and technological sectors
- Creative house
- Supporting the creation and development of start-up companies

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