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Hakim Abu’l-Qasim Ferdowsi Tusi

(Born and died in Tous, Iran, 940-1020)
Persian poet and the author of the Shahnameh ("Book of Kings");
the world’s longest epic poem, the most influential figure in Persian
literature and one of the greatest in the history of literature.
Dr. Ali Shariati Mazinani

Born in Kahak, Iran, 1933,
Died in Southampton, UK, 1977
Ph.D. in Sociology, Sorbonne, France,
Faculty member, Ferdowsi University of Mashhad
Professor Mohammad Kafi began as the 16th President of Ferdowsi University of Mashhad on December 24, 2013. Prior to this appointment, Professor Kafi was Director of Evaluation and Assessment of Education (1990-1992), University Vice-president for Student and Cultural Affairs (1997-2002) and Iran Science Counselor in India and the sub-continent (2003-2006).

An alumnus of Ferdowsi University of Mashhad in BSc and MSc, he graduated in Agronomy and Plant Breeding. Dr. Kafi obtained a Doctor of Philosophy in Plant Stress Physiology at the University of Newcastle upon Tyne, where he was also awarded a UK Overseas Research Studentship.

As a result of his aspiration for updating the University Strategic Plan and under his supervision, the five-year Strategic Plan of Ferdowsi University of Mashhad for 2016-2020 was critically reviewed, re-structured and developed by a committee of experts, with the aim to materialize university strengths: depth and breadth of research, education and technology; potentiality to develop into an international university; being a student-centered university; and a genuine desire to perform well in the region as well as at the national and international levels.
Ferdowsi University of Mashhad (FUM)
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Introduction

Founded in 1949, Ferdowsi University of Mashhad is named after the great Persian epic poet Ferdowsi whose *The Shahnameh* is a well-known classical masterpiece in Persian literature. FUM is Iran’s third oldest university and the largest in the northeast region of the country.

The university main campus is set in a 300-acre beautiful parkland, remarked invariably by visitors on its attractiveness. A university town, the campus incorporates academic buildings, student halls of residence, shops, banks, cleaners, bookshops, a travel agency, and sport facilities, all on one site. As such, help and support is on your doorstep in a friendly, self-contained and remarkably peaceful campus.

FUM offers more than 140 study programs in 13 Faculties and has 850 academic faculty members and more than 23,000 students.
Faculties and Research Institutes

Faculties:
1. Faculty of Agriculture
2. Faculty of Architecture, Urbanism and Islamic Art
3. Faculty of Economics and Business Administration
4. Faculty of Education and Psychology
5. Faculty of Engineering
6. Faculty of Letters and Humanities
7. Faculty of Mathematical Sciences
8. Faculty of Natural Resources and Environment
9. Faculty of Sciences
10. Faculty of Sport Sciences
11. Faculty of Theology and Islamic Studies
12. Faculty of Veterinary Medicine
13. Faculty of Law and Political Sciences

Research Institutes:
14. Institute of Plant Studies
15. Institute of Islamic Studies in Humanities
16. Institute of Biotechnology
17. Institute of Air and Solar Research

The International Students’ Office (ISOFUM) was founded in 2011 and currently manages registration, residence and academic affairs of over 1,700 students in 80-plus Bachelor, Master and Ph.D. programs.
The International Students’ Office runs extensive orientation programs at the beginning of each academic year for newcomers at FUM. The programs are designed to familiarize the students with university life, educational system and campus facilities. The new students also meet staff and other students and take a campus tour.

Life on Campus:
The university students’ accommodation has been designed to meet the students’ needs.

Accommodation is self-catering, although a range of meals is provided for students in various canteens around the campus. All the university students can benefit from meals offered at especially low rates in the central canteen. The university canteens are easily accessible to all on-campus or off-campus students.

The provision of campus accommodation and the convivial atmosphere on campus will help the students to quickly settle in. Some students usually find their own living accommodation near the campus with guidance and help from the university staff.

The facilities provided on campus at subsidized prices help keep students’ living costs down. To keep up with day-to-day living, there are banks, bookshops, barbers, a supermarket, and a florist on the campus as well as other necessary facilities.

Studying at FUM is enhanced by first-class facilities and services available to all students.
Library:
The “Information Center and Central Library” is located on the campus. A Web-based catalog system provides quick access to all the materials in the collection. Library skills are among the most valuable skills students acquire at university; the library staff is available to help the students become familiar with library services.

Bookshops:
There are small bookshops in most faculties providing for immediate needs of the students. There is also a big bookshop on campus with a bookstock which closely follows and provides undergraduate and graduate course book requirements.
Computer Center:
A large number of courses involve substantial use of computer, and nearly all courses use computers at some stage.

The Computer Center’s facilities are available to all university members (students and staff). The center pays close attention to keeping the facilities up-to-date and relevant to the activities of the outside world. The center supports its various facilities with many services such as the provision of documentation, training, etc. In addition, the analyst staff can be called to provide consultation.

Transportation on Campus:
The FUM campus is located close to the mountains with about 300 hectares in area. Free buses are available on campus running every 15 minutes for the students.
Counseling Services:
Few students go through university without needing help or advice at times; leaving home and beginning an independent or new life can make anyone feel very vulnerable. If students experience difficulties, either academic or personal, they will find a network of people who are experts in tackling almost all types of problems that students may experience and need to discuss with a confidential and competent helper. In counseling service, help is available to all students. They can refer to the counselors either in person or by telephone.

Day-care Center:
The university runs a day-care center for pre-school children from 3 to 5 years of age. The university day-care center, with its fully trained and experienced staff, provides care and education for them. The day-care center is available all year round.
Sports:
The university actively promotes both participation and excellence in sport. Multipurpose, modern gyms, fitness halls and a swimming pool are all located on the campus to encourage students to have an active life. Social sports are available with the provision of an extensive interdepartmental program involving a wide variety of activities.

In 2016, FUM ranked first in Iranian University Men Sport Olympiad and ranked second in the Women Olympiad.

Sports Facilities:
- Imam Ali (A) Sports Complex: 4080 square meters
- 22 Bahman Sports Complex: 1200 square meters
- Kowsar Sports Complex: 1368 square meters
- Imam Reza (A) Sports Complex: including a soccer field and a sports hall
- Takhti Sports Hall: 540 Square meters
- Faculty of Psychology and Education Sports Complex: 2520 Square meters, with 8 tennis courts
- Engineering Faculty soccer grass field
- Water Complex: the largest roofed pool among Eastern universities
- Bike stations and special routes
- Women Park
Student Health Service:

It is hard to study successfully if one does not feel healthy. The student health service provides a general medical service with physicians, nursing staff, and dental care.
At the start of a new millennium we are more conscious than ever that we are living in a global village thanks to hi-tech facilities and global economy. This has led, perhaps, to a greater awareness of the need to understand the world from a range of perspectives and has created a demand for people with specialist knowledge and skills. FUM has a long and distinguished history of widening the horizons of the students, helping them gain the skills needed for careers in an increasingly international environment. With more than 850 faculty members dedicated to research and teaching, we aim at providing you with excellent training and education essential for the graduates of the 21st century in the following programs.
Undergraduate Programs:

All Departments at the Faculties of Sciences, Engineering and Agriculture are active with excellent facilities available for students who wish to get a Bachelor’s degree in Science (B.Sc.) or Engineering (B.Eng.). The Departments are all equipped with various laboratories and workshops. Moreover, a four-year Bachelor of Arts (B.A.) degree is offered at FUM in different majors with a wide choice of subjects including languages, humanities, social sciences, economic and administrative sciences, psychology and education.

Graduate Programs:

A master of coursework degree is defined as a 2-year full-time program of study which has a substantial coursework lecture followed by a thesis, while a full by-research degree is also offered. In order to gain admission to most postgraduate courses at Ferdowsi University of Mashhad, it is necessary to have a qualified four-year Iranian university degree or an equivalent from an approved, accredited university abroad.

Ph.D. Programs:

Doctoral programs are available in most academic fields. The programs include coursework followed by a dissertation embodying the results of original research.
Language Requirements:
Persian is the official language of instruction and examination at FUM. In this regard, the international applicants who have a poor command of Persian language are required to take a pre-sessional intensive Persian language course which is run at elementary, intermediate, and advanced levels at the Center for Teaching Persian to Non-Persian Speakers. Students requiring learning Persian will be advised on which course they should take.

Academic Year:
The academic year is divided into two semesters both followed by an exam period. The first semester runs almost from mid-September to mid-January, and the second semester from mid-February to end of April. There is a two-week break between each semester. There is also a two-week-long spring break coinciding with the Iranian New Year (March 21st - April 2nd).
Admission:

FUM welcomes applications from candidates all over the world. All the applicants are required to submit their application within the deadlines, Apr. 4th to June 21st and Sep. 23rd to Dec. 21st for the first and second semesters respectively (please visit iso.um.ac.ir for further details). FUM has a general entrance requirement for granting admission to foreign students which is described in the following terms:

1. Applicants must have a High School Diploma or a Bachelor’s, a Master’s or a Ph.D. degree for pursuing their studies at the Bachelor’s, Master’s, Doctoral (Ph.D.) or Post-Doctoral programs, respectively.

2. The maximum age of applicants should be 28, 26, and 32 to be able to pursue their studies at the Bachelor’s, Master’s, and Doctoral (Ph.D.) levels, respectively. The age limit for Persian Language and Literature applicants is 28, 30, and 34 at the aforementioned levels, respectively.

3. Applicants who wish to pursue their studies in FUM must have AT LEAST the required GPA as follows: Bachelor’s: High School Diploma GPA of 12 out of 20; Master’s: Bachelor’s GPA of 14 out of 20; Ph.D.: Master’s GPA of 15 out of 20.

4. A nonrefundable application fee is required for applications’ assessment. Application forms for Bachelor programs and other additional information apropos of the different majors and levels of study can be found at iso.um.ac.ir.
Fees and Funding:

International applicants who gain admission to Bachelor’s programs are required to pay their tuition fees in euros. Students are not allowed to enter upon their course until the appropriate fees have been paid to the Registrar, or there is certain approved evidence that they will be received from a reliable source. All fees are to be paid in advance and students are required to pay their fees for the whole semester at the time of registration. A student formally accepts responsibility for the payment of the fees in respect of a study program (although it is understood that a parent or sponsor or an official body may in fact pay the fees).

The following information is a rough estimate of the tuition fees (excluding boarding, lodging, and insurance) for Bachelor, Master, and Ph.D. programs. Applicants should note that the tuition fees mentioned are intended for the regular duration of completing the program. Additional sessions will attract extra charges. For the details and latest developments on the fees follow the link iso.um.ac.ir.

Estimated Tuition Fees for studying at FUM (in Euros)

Bachelor Programs

<table>
<thead>
<tr>
<th>Discipline Study Program</th>
<th>Humanities</th>
<th>Basic Sciences</th>
<th>Agriculture/Engineering</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 Semesters</td>
<td>7,000 €</td>
<td>8,000 €</td>
<td>9,000 €</td>
</tr>
</tbody>
</table>

Master Programs

<table>
<thead>
<tr>
<th>Discipline Study Program</th>
<th>Humanities</th>
<th>Basic Sciences</th>
<th>Agriculture/Engineering</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 Semesters</td>
<td>8,000 €</td>
<td>8,720 €</td>
<td>9,360 €</td>
</tr>
</tbody>
</table>

Ph.D. Programs

<table>
<thead>
<tr>
<th>Discipline Study Program</th>
<th>Humanities</th>
<th>Basic Sciences</th>
<th>Agriculture/Engineering</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 Semesters</td>
<td>20,280 €</td>
<td>21,360 €</td>
<td>22,440 €</td>
</tr>
</tbody>
</table>

Note:
- There are 10 to 20 percent discount in fixed tuition fees for students from neighboring countries, 20 percent discount for a student with a close family member studying at FUM, 30 percent discount in fixed and variable tuition fees for Persian Language and Literature students, and 25 to 75 percent discount for top students as defined by FUM rules.
Faculty of Agriculture

Departments:

1. Dept. of Agricultural Economics
2. Dept. of Agricultural Machinery
3. Dept. of Agronomy
4. Dept. of Animal Sciences
5. Dept. of Food Science Industry
6. Dept. of Gardening
7. Dept. of Plant Pathology
8. Dept. of Plant Breeding and Biotechnology
9. Dept. of Soil Sciences
10. Dept. of Water Engineering

Programs:

B.Sc.

1. Agricultural Economics
2. Agronomy and Crop Breeding
3. Animal Sciences
4. Food Sciences and Technology
5. Horticulture
6. Water Engineering
7. Plant Protection
8. Soil Sciences
9. Landscape Engineering
10. Mechanics of Agricultural Machinery
M.Sc.
1. Agricultural Biotechnology
2. Agronomy
3. Agricultural Ecology (Agroecology)
4. Weeds Identification and Control
5. Water and Hydraulic Structures
6. Agricultural Meteorology
7. Irrigation and Drainage
8. Animal Sciences
9. Breeding and Genetics
10. Animal Nutrition
11. Physiology
12. Ruminant Nutrition
13. Food Science and Technology
14. Agricultural Entomology
15. Plant Pathology
16. Agricultural Economics
   The Politics of Rural Development
   Economics and Management of Agricultural Units
17. Soil Science
18. Horticulture
   Medicinal Herbs
   Ornamental Plants
   Vegetable Cultivation
   Fruit Planting
19. Mechanics of Agricultural Machinery
20. Agricultural Mechanization
21. Water Resources Engineering
22. Agriculture
23. Plant Breeding
Ph.D.
1. Agriculture
   Crop Ecology
   Crop Physiology
   Weed Science
2. Irrigation and Drainage
3. Animal Breeding
4. Poultry Nutrition
5. Ruminant Nutrition
6. Food Science and Technology
   Food Microbiology
   Food Technology
   Food Engineering
   Food Chemistry
7. Plant Pathology
8. Soil Sciences
   Soil Chemistry and Fertility
   Soil Biology
   Soil Genesis and Classification
9. Horticulture
   Ornamental Plants
   Fruit Gardening
   Vegetable Gardening
   Medicinal Herbs
10. Agroecology
11. Mechanic of Agricultural Machinery
12. Agricultural Biotechnology
13. Agricultural Meteorology
14. Agricultural Economics
   Farm Management
   Agricultural Products Marketing
   The Policy of Agricultural Development
Faculty of Architecture, Urbanism and Islamic Art

Departments:

Architecture (B.Eng. and M.Eng.)
Architectural Engineering
Urban Engineering (B.Eng.)
Urban Engineering
Faculty of Economics and Administrative Sciences

Departments:
1. Dept. of Management
2. Dept. of Economics
3. Dept. of Accounting

Programs:

B.A.
1. Accounting
2. Business Administration
3. Economic Sciences
   Economics
   Business Economics
4. Public Management

M.A.
1. Accounting
2. Auditing
3. Accounting Management
4. Business Administration
5. International Business
6. Evolution
7. Industrial Management (Production)
8. Executive Administration (EMBA)
9. Economic Sciences
10. Economics of Energy
11. Economic Development and Planning
12. Information and Technology Management
   Advanced Information Systems
   E-Business
   Information and Technology Management (E-Learning)

Ph.D.
1. Economics
2. Theoretical Economics
3. Management
   Institutional Behavior
   Human Resources
   Operational Research
4. Accounting
Faculty of Law and Political Science

Departments:
1. Dept. of Law
2. Dept. of Political Science

Programs:
B.A.
1. Law
2. Political Science

M.A.
1. Political Science
2. Penal Law and Criminology
3. International Relations
4. Private Law

Ph.D.
1. Penal Law and Criminology
2. Political Science
   Political Thought
   Iran Affairs
Faculty of Education and Psychology

Departments:
1. Dept. of Psychology
2. Dept. of Education
3. Dep. of Information Science and Knowledge Studies

Programs:
B.A.
1. Education
   Early Childhood and Primary Education
   Exceptional Children’s Education
   Educational Management and Curriculum Studies
2. Psychology
   General
   Clinical
3. Librarianship, Humanities and Social Sciences

M.A.
1. Psychology
   General
   Clinical
2. Family Counseling
3. Educational Management
4. Information Science and Knowledge Studies
5. Educational Psychology
6. Educational Research
7. Curriculum Studies
8. Cognitive Sciences

Ph.D
1. Psychology
2. Information Science and Knowledge Studies
3. Educational Psychology
4. Curriculum Planning
5. Philosophy of Education
6. Educational Management
Faculty of Engineering

Departments:
1. Dept. of Electrical Eng.
2. Dept. of Mechanical Eng.
3. Dept. of Civil Eng.
4. Dept. of Computer Eng.
5. Dept. of Materials Eng.
6. Dept. of Chemical Eng.
7. Dept. of Industrial Eng.

Programs:

B.Eng.
1. Chemical Engineering
2. Civil Engineering
   Civil
   Structure
3. Computer Engineering
   Software
   Hardware
4. Electrical Engineering
   Electronics
   Power
   Communications
   Control
5. Mechanical Engineering
   Solid Mechanics Design
   Thermofluid
6. Materials Engineering
   Industrial Metallurgy
7. Industrial Engineering

M.Eng.
1. Civil Engineering
   Structure
   Water Engineering (Hydraulics)
   Soil Mechanics and Foundation
   Highway & Transportation
   Environmental Engineering
   Geotechnical Engineering
   GIS
Remote Sensing
Construction Management
2. Electrical Engineering
  Electronics
  Power
  Communication
  Control
  Field
3. Aerospace Engineering
  Aerodynamics
  Propulsion
  Aerospace Structures
4. Mechanical Engineering
  Energy Conversion
  Solid Mechanics
  Manufacturing and Production
5. Chemical Engineering
Transport Phenomena and Separation Processes
Food Engineering
Natural Gas Processing and Transport
6. Materials Engineering
Materials Identification and Selection
Corrosion and Protection of Materials
Extraction of Metals
7. Computer Engineering
Software
Software (Virtual Education)
Artificial Intelligence

Ph.D.
1. Electrical Engineering
   Electronics
   Power
   Communication
   Control
2. Civil Engineering
   Structure
   Water Engineering (Hydraulics)
   Highway and Transportation

Soil Mechanics and Foundation
3. Mechanical Engineering
   Energy Conversion
   Solid Mechanics
4. Computer Engineering
   Software Systems
5. Chemical Engineering
   Transport Phenomena and Separation Processes
6. Materials Engineering
   Metallurgy and Materials
Faculty of Letters and Humanities

Departments:
1. Dept. of Persian Language and Literature
2. Dept. of Arabic Language and Literature
3. Dept. of Linguistics
4. Dept. of Social Sciences
5. Dept. of Geography
6. Dept. of History
7. Dept. of English Language and Literature
8. Dept. of French Language and Literature
9. Dept. of Russian Language and Literature

Languages Programs:
B.A.
1. Arabic Language and Literature
2. English Language and Literature
3. French Language and Literature
4. Persian Language and Literature
5. Russian Translation

M.A.
1. Arabic Language and Literature
2. Arabic Translation
3. French Language and Literature
4. General Linguistics
5. Teaching English as a Foreign Language
6. English Language and Literature
7. Translation Studies
8. Persian Language and Literature (Comparative Studies)
9. Teaching Persian as a Foreign Language

Ph.D.
1. Persian Language and Literature
   Persian Language and Literature
   Mystical Literature
2. General Linguistics
3. Teaching English as a Foreign Language
4. Translation Studies
5. Arabic Language and Literature
Humanities Programs:

B.A.
1. Geography
   Urban Planning
   Rural planning
2. History
3. Social Sciences

M.A.
1. Social Sciences
2. History
   History of Iran in Islamic Era
   History of Shia
   History of Ancient Iran
3. Political Geography
4. Natural Geography

Ph.D.
1. Geography
   Rural Planning
   Urban Planning
2. Economic Sociology and Development
3. Geomorphology
4. History of Post-Islam

Geomorphology in Environmental Planning
Climatology in Environmental Planning
5. Geography
   Urban Planning
   Rural Planning (Sustainable Development)
   Rural Planning (Physical Development)
   Urban Management
Faculty of Mathematical Sciences

Departments:
1. Dept. of Applied Mathematics
2. Dept. of Pure Mathematics
3. Dept. of Statistics

Programs:
B.Sc.
1. Applied Mathematics
2. Pure Mathematics
3. Statistics

M.Sc.
1. Mathematics Education
2. Applied Mathematics
   Numerical Analysis
   Operations Research
   Control
   Graph Theory
3. Pure Mathematics

Ph.D.
1. Statistics
   Inferential Statistics
   Probability
2. Pure Mathematics
   Analysis
   Algebra
   Geometry
   Dynamic Systems
   Algebraic Topology
   Graph and Algebraic Combinations
3. Applied Mathematics
   Numerical Analysis
   Operations Research
   Control
   Graph Theory

Analysis
Algebra
Geometry
4. Economic and Social Statistics
5. Mathematical Statistics
Faculty of Natural Resources and Environment

Departments:
1. Dept. of Environmental Sciences
2. Dept. of Watershed Management
3. Dept. of Fishery Sciences
4. Dept. of Desert and Arid Zones Management

Programs:
B.Sc.
1. Environmental Engineering
   Environment
   Rangeland and Watershed Management
   Desert and Arid Zones Management
   Fishery Sciences

M.Sc.
1. Natural Resources Engineering
   Rangeland Management
   Watershed
   Deserts Management
   Environment – Habitat and Biodiversity
Faculty of Sciences

Departments:
1. Dept. of Biology
2. Dept. of Chemistry
3. Dept. of Geology
4. Dept. of Physics

Sciences Programs:
B.Sc.
1. Physics
2. Geology
3. Chemistry
   Pure Chemistry
   Applied Chemistry
4. Biology
   Zoology
   Plant Sciences
   Cellular and Molecular

Biology Programs:
M.Sc.
1. Animal Bio-systematic
2. Animal Physiology
3. Plant Systematic and Ecology
4. Plant Physiology
5. Biochemistry
6. Cell and Developmental Biology
7. Molecular and Cell Biology

Ph.D.
1. Molecular and Cell Biology
2. Animal Biosystematics
3. Plant Physiology
4. Animal Physiology

Chemistry Programs:
M.Sc.
1. Analytical Chemistry
2. Inorganic Chemistry
3. Organic Chemistry
4. Physical Chemistry
PH.D.
1. Chemistry
   - Analytical
   - Inorganic
   - Organic
   - Physical

Ph.D.
1. Stratigraphy and Paleontology
2. Engineering Geology
3. Sedimentation and Sedimentary Petrology
4. Economical Geology

Geology Programs:

M.Sc.
1. Geology
   - Hydrogeology
   - Petrology
   - Tectonic
   - Environmental Geology
   - Stratigraphy and Paleontology
   - Engineering Geology
   - Economic Geology
2. Sedimentation and Sedimentary Petrology
3. Hydrogeology

Ph.D.
1. Stratigraphy and Paleontology
2. Engineering Geology
3. Sedimentation and Sedimentary Petrology
4. Economical Geology

Physics Programs (M.Sc.)
1. Physics
   - Atomic and Molecular
   - Solid State
   - Elementary Particle Physics
   - Nuclear Physics
   - Nanophysics
   - Astronomy and Astrophysics

Ph.D.
1. Astronomy and Astrophysics
2. Solid State Physics
3. Elementary Particle Physics
4. Nuclear Physics
Faculty of Sport Sciences

Departments:
1. Dept. of Exercise Physiology, Sport Injuries and Corrective Exercises
2. Dept. of Motor Behavior and Sport Management
3. Dept. of Physical Education and Sport Sciences

Programs:

B.A.
1. Biological Sport Sciences
2. Humanities Sport Sciences
3. Exercise Physiology

M.A.
1. Motor Development
2. Motor Control and Learning
3. Sport Management
4. Strategic Management of Sport Organizations

Ph.D.
1. Motor Behavior
2. Motor Control and Learning
3. Sport Management
4. Strategic Management of Sport Organizations and Events
Faculty of Theology and Islamic Studies

Departments:
1. Dept. of Islamic Civilization and History
2. Dept. of Islamic Philosophy and Theosophy
3. Dept. of Islamic Jurisprudence and Principles of Islamic Law
4. Dept. of Qur’an and Hadith Studies
5. Dept. of Comparative Religions and Mysticism
6. Dept. of Islamic Knowledge

Programs:

B.A.
1. History and Civilization of Muslim Nations
2. Jurisprudence (Fiqh) and Principles of Islamic Law
3. Qur’an and Hadith Studies
4. Comparative Religions and Mysticism
5. Islamic Philosophy and Theosophy

M.A.
1. Islamic Philosophy and Thoughts (Kalam)

Ph.D.
1. Theological Education
   Islamic Sources
   Islamic Ethics
   Islamic Revolution
   History and Civilization of Islamic Nations
   The Ideological Foundations of Islam
2. Jurisprudence (Fiqh) and Principles of Islamic Law
3. Qur’an and Hadith Studies
Faculty of Veterinary Medicine

Departments:
1. Dept. of Basic Sciences
2. Dept. of Pathobiology
3. Dept. of Clinical Sciences
4. Dept. of Food Hygiene and Aquaculture

Programs:
B.Sc. Bridging
1. Veterinary Laboratory Sciences

M.Sc.
1. Veterinary Parasitology
2. Bacteriology
3. Physiology
4. Histology
5. Clinical Biochemistry
6. Food Hygiene

Ph.D.
1. Large Animals Internal Medicine
2. Veterinary Parasitology
3. Veterinary Biotechnology
4. Bacteriology
5. Pathology
6. Veterinary Comparative Histology
7. Food Hygiene and Quality Control
8. Veterinary Theriogenology and Reproductive Diseases
9. Veterinary Physiology
10. Veterinary Surgery
11. Veterinary Clinical Pathology

Note: For more information on the developments in fields of studies, please visit iso.um.ac.ir
Research Institutes & Centers

Institutes:
1. Research Institute of Plant Studies
2. Research Institute of Islamic Studies in Humanities
3. Institute of Biotechnology
4. Institute of Air and Solar Research

Centers:
Research centers are officially approved research foundations working on very specific areas of science and technologies as a branch of their associated faculty departments. They are directed by active academic staff, many of whom are qualified to supervise students’ research. The research network in each center meets regularly to discuss research activities and disseminate findings.
Research Centers

1. Lean Manufacturing Engineering Center
2. Applied Research Center for Soft Computation and Intelligent Systems
3. Center for Applied Translation Studies
4. Center for Geographical Studies in Rural Areas of Khorasan
5. Center for Research in Application of Wavelets in Linear and Non-linear Systems
6. Center for Socio-cultural Studies in Central Asia
7. Center for Urban and Regional Geographical Studies in North-eastern Iran
8. Center of Mathematical Modeling and Systems Optimization
9. Center of Statistical Research
10. Communication and Computer Research Center
11. Earthquake Research Center
12. Energy Optimization and Pollution Minimization Research Center
13. Environment and Water Resources Research Center
14. Iron and Steel Research Center
15. Kinetic Rehabilitation Research Center
16. Membrane Process and Membrane Research Center
17. Nanotechnology Research Center
18. Research and Technology Center for Biomolecules
19. Research Center for Agriculture Machinery
20. Research Center for Draught and Destructive Weather Phenomena
21. Research Center for Ecological and Sustainable Agriculture
22. Research Center for Economy of Eastern Iran and Neighboring Countries
23. Research Center for Electronic Systems Design
24. Research Center for Environmental Chemistry
25. Research Center for Food Packaging (RCFC)
26. Research Center for Institutional Psychology
27. Research Center for Management and Market Studies
28. Research Center for New Methods of Food processing and Non-thermal Preservation
29. Research Center for Pests and Diseases of Fruit Crops and Ornamental Plants
30. Research Center for Social Studies in Khorasan Razavi Province
31. Research Center of Clinical Psychology and Life Skills Development
32. Research Institute for Islamic Studies on Humanities
33. Rodentology Research Group
34. Technical and Economic Research Center for Roads Safety
35. The Research Center for Organic Agriculture
36. Underground Water Research Center
Centers of Excellence

One of Ferdowsi University’s most innovative and ambitious initiatives was the establishment of «Centers of Excellence». The Centers support high technology ventures through a collaborative approach among the state, academic, and private venture capital companies and other private and public sector parties. Established to encourage rapid commercialization of scientific breakthroughs, these centers provide a national and international platform for advanced research in order to meet the needs of the country.

The Centers of excellence in Ferdowsi University are the Following:
1. Analysis of Algebraic Structures (Department of Mathematics)
2. Modeling, Linear and Non-linear Systems (Department of Mathematics)
3. Analysis of Ordinal and Spatial Data (Department of Statistics)
4. Soft Computing and Intelligent Information Processing, SCIIP (Faculty of Engineering)
5. Ruminant Abortion and Neonatal Mortality Studies (Department of Veterinary Science)
6. Special Crops (Department of Agronomy and Plant Modification)
7. Ferdowsi and the Shahnameh
Scientific and Scholarly Journals

Journals in Humanities
1. Iranian Journal of International Policy and Relations
2. Geography and Urban Development Journal
3. Journal of Rural Research and Planning
4. Journal of Research in French Language and Literature
5. Journal of Librarianship and Information Science
6. Journal of Consultation and Clinical Psychology
7. Journal of Educational Foundation
8. Journal of Qur’anic Sciences and Hadith
9. Journal of Philosophy and Islamic Thoughts (Kalam)
10. Journal of Jurisprudence (Fiqh) and Islamic Foundations
11. Journal of History and Culture
12. Journal of Economics and Regional Development
13. Encyclopedia of Economic Rights
14. Journal of Research in Literary Studies
15. Journal of Linguistics and Khorasan Dialects
16. Journal of Arabic Language and Literature (in Arabic)
17. Iranian Journal of Health and Physical Activity (in English)
18. Journal of Research and Technology
19. Journal of Geography and Environmental Hazards
20. Journal of Social Sciences
21. Journal of Geography and Regional Development
22. Journal of Language and Translation
23. Journal of Monetary and Financial Economics

Journals in Sciences
1. Journal of Economic Geology
2. Iranian Journal of Animal Biosystematics (in English)
3. Journal of Cell and Molecular Research (in English)
4. Iranian Journal of Numerical Analysis and Optimization
5. Journal of Sedimentary Foci

Journals in Engineering
1. Journal of Applied Sciences in Mechanics
2. Journal of Separation and Transport Phenomena
3. Journal of Electrical Systems and Signals
4. Journal of Metallurgical and Material Engineering
5. Journal of Civil Engineering
Journals in Agriculture and Veterinary Medicine

1. Journal of Iranian Grain Research
2. Journal of Agricultural Machinery Engineering (JAME)
3. Journal of Agroecology
4. Journal of Plant Protection
5. Journal of Horticulture Science
6. Journal of Economics and Agricultural Development
7. Journal of Water and Soil
8. Journal of Agricultural Science and Industry
9. Journal of Iranian Field Crop Research
10. Iranian Research Journal of Food Science and Technology
11. Iranian Journal of Animal Science Studies
12. Iranian Journal of Veterinary Science and Technology (English)
As an accredited educational and research institution, Ferdowsi University of Mashhad is committed to maintaining its prominent role in teaching and research in the region and global context and will continue to make its presence yet more felt and more visible.

In order to fully exploit the new opportunities now available in the third millennium, FUM is pursuing a strategy of internationalization. To this end, FUM seeks to cooperate with outstanding partners and networks.

INTR is a subdivision of the University President’s office whose main duty is the implementation and development of international policy and the promotion of the university’s bilateral academic activities.

It offers the university support with international programs (negotiating agreements, managing mobilities), international processes (negotiating, drawing up and monitoring MOUs), sending/receiving academic individuals, research fellows and the reception of delegations.

FUM also acts as a liaison in handling International Postdoctoral Program (IPDP), International Visiting Scholar Program (IVSP), and International Student Mobility Program (ISMP).

INTR fosters and ensures the continuity of the university’s collaborates in both research and teaching with strategically selected internationally renowned universities and networks such as International Association of Universities (IAU), Federation of the Universities of the
Islamic World (FUIW) and COMSTEC.
To this date, FUM has signed more than 50 MOUs with reputable universities in Europe, Middle East, Asia and neighboring countries. Also in accordance with guidelines set out by the university and in consultation with its faculty partners, INTR works together with ranked universities from developing countries. The aim is to promote exchange in teaching, research and administration to the benefit of both parties. INTR promotes the university’s international image as a global center of excellence in teaching and research.

(intr.um.ac.ir)
Considering the enormous potentials of the various faculties, welfare and sport facilities and inherent attractions of the city of Mashhad, for improving and providing a focused attention to international students, the International Students’ Office (ISO) was founded with a view to provide the international students with help in terms of admission, enrollment as well as consular, cultural and welfare affairs.

(iso.um.ac.ir)
This on-campus center focuses on the ever increasing need of international students and Persian culture and language enthusiasts. CTPL is your partner for learning Persian successfully through qualified instruction; select a program which most closely matches your goals. Learning Persian in Iran is a golden opportunity to combine learning with leisure time, finding new international friends and many unforgettable dreams. For more information, please follow the link ctpl.um.ac.ir
Sun-Air Research Institute
Faculty of Architecture, Urbanism and Islamic Art
FUM
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Ferdowsi University of Mashhad

1949
Thy source of might is knowledge,
Thus old hearts grow young again;
But things above the Veil surpass in height,
All word: God’s essence is beyond our ken.