

Establishment & History of Shiraz University



The initial nucleus of Shiraz University was formed in 1946 with the establishment of the junior college of Health which aimed at training specialists in the Medical Sciences during a four year program. In 1949 this was transformed to a Medical College and shortly thereafter in 1953 the Namazi School of Nursing and in 1955 the Colleges of Agriculture and Arts and Sciences were established.

Shiraz University which, prior to the Islamic Revolution, was called Pahlavi University was founded in 1954 with the addition of the College of Engineering and College of Veterinary Medicine. Other units that were subsequently added were the Dental School in 1969, the Graduate School and the Junior College of Electronics in 1969, and the Colleges of Law and Education in 1977.

After the victory of the Islamic Revolution, Revolutionary Council was founded in 1980 and extensive fundamental changes were implemented at universities at large. These changes were also reflected in the context of Shiraz University which presently consists of 11 colleges and 3 junior colleges as follows:



| Name | Year Founded |
|---|--------------|
| School of Literature and Humanity Science | 1955 |
| School of Economy, Management and Social Science | 1955 |
| School of Law and Political Science | 1978 |
| School of Veterinary Science | 1969 |
| School of Sciences | 1955 |
| School of Education and Psychology | 1977 |
| School of Agriculture | 1955 |
| School of Engineering | 1964 |
| School of Electrical and Computer Engineering | 2011 |
| School of Chemical, Petroleum and Gas Engineering | 2011 |
| School of Mechanical Engineering | 2011 |
| School of Art and Architecture | 1998 |
| College of E-Learning | 2003 |
| International Campus | 2005 |

The City of Shiraz

Shiraz, the provincial capital of Fars, is known as the cultural capital of Iran, and the "City of roses and poets". It is the heart of Iran's history and a center for the rich Persian literary heritage. It has been the cradle of civilization and art for many centuries. Famous philosophers, thinkers and poets produced their masterpieces in this beautiful city. Shiraz is situated in a plain surrounded by two mountain ranges. Shiraz is 935 km away from Tehran. It enjoys a mild climate and its magnificently impressive gardens have been famous from distant past.

School education expanded remarkably following Iran's independence in 1946. In the late forties and fifties there was a great demand for programs at the bachelor's level to enable Iranian students to pursue their higher education at home. Several Iranian institutions and personalities submitted proposals to this effect.

About Shiraz University

The Shiraz University is both a modern as well as old institution of Higher Education in Iran. Established in 1946, the University has, since then, applied itself to the advancement of knowledge no less than to its dissemination.

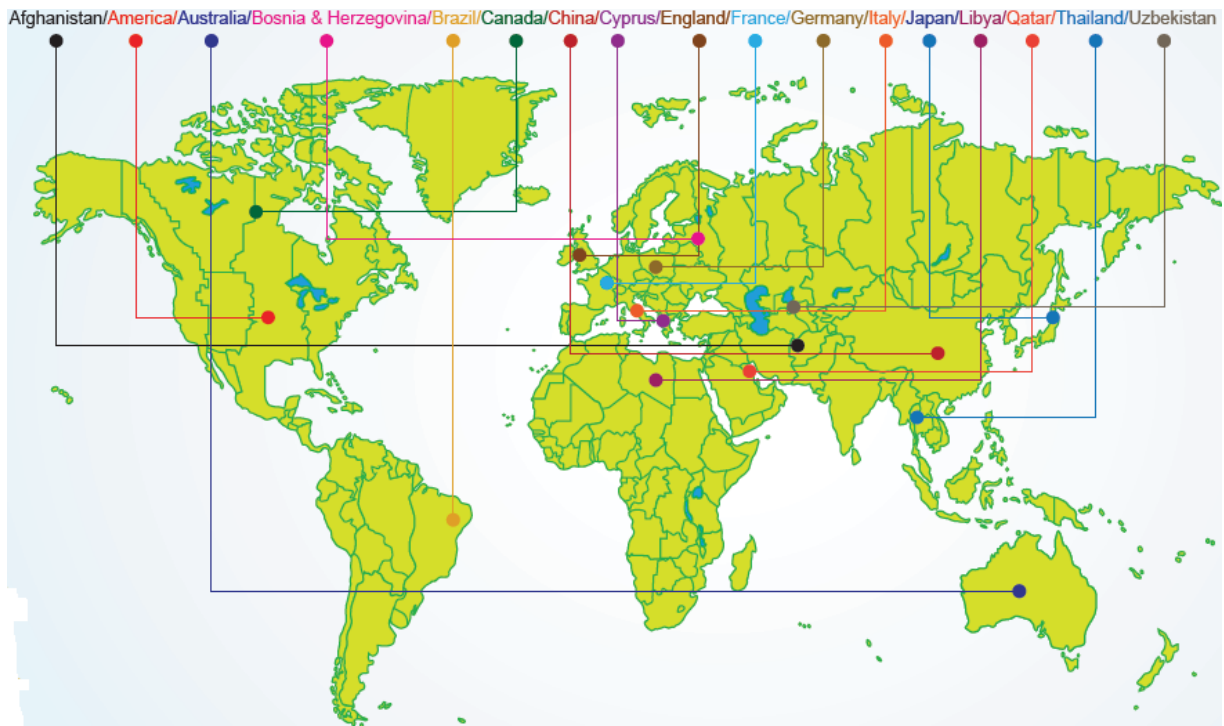
Shiraz University, formerly known as Pahlavi University, is a public university located in Shiraz, Iran. It is one of the major universities of Iran. Shiraz University has always ranked as Top 5 among Iranian universities and is well respected in Iran.

The University of Pennsylvania assisted the Iranian government in transforming Shiraz University into the only institution in the Middle East based on American-style higher education. The University of Pennsylvania (Penn) thus became highly influential in shaping many of Pahlavi University's departments and institutions. Shiraz University has the second biggest campus in Iran.

Shiraz University has pioneered the establishment of doctoral programs in Iran. Presently the university has over 19,000 students, with 200 Bachelor's degree programs (B.A., B.Sc.), 300 Master's degree programs (M.A., M.Sc.), one professional degree program (Doctor of Veterinary Medicine), and 150 Ph.D. programs.

As a top Iranian University, Shiraz University is research-oriented and has about 700 faculty members and 19000 students. The University offers BA/BS in 80 departments, MA/MS in 188 and Ph.D. in 129 areas of concentration. As a comprehensive and accredited University, Shiraz University has the responsibility of training qualified faculty staff for other-higher education and research institutes in Iran. It has, thus, contributed a lot towards the scientific development of the country.

At present Shiraz University consists of 14 colleges.



*This map visualizes which other institutions researchers from **Shiraz University** have collaborated with.*

Source: Shiraz University's Brochures

Mission and Objectives - Shiraz University

The main mission of Shiraz University is to enrich society's intellectual, cultural, scientific, economic, and environmental spheres. Shiraz University enjoys accomplished faculty, dedicated staff and talented students. Our faculty creates, discovers and adds to the world's base of knowledge in everything from agriculture to humanities, from engineering to supercomputing. Our Ph.D. graduates have become valuable human resources in all Iranian and Abroad Universities.

Vision

Shiraz University will try to remain one of the leading universities in Iran and will extend its educational activities globally. With this vision, surely, all Shiraz University educational members including students, faculties and staffs will work together to bring the highest standards of knowledge and research to the Shiraz University and all its Branches in abroad.

Facts and Figures 2012-13

Facts and figures of Shiraz University is mentioned in Appendix 1

Legal Status of Shiraz University

The Pahlavi University (by Ministry of Higher Education) was established on June 18, 1946 as a college it was elevated to a university in 1954. The Pahlavi University was named as Shiraz University in 1979. It is a Public university.

Governing Body

The following people form the governing body of Shiraz University.

Majid Ershad Langroodi, Chancellor of Shiraz University, **Ph.D.:** 1993, Department of Mathematics, University of Iowa, USA

Ahmad Oryan, Vice Chancellor of Research, **Ph.D.:** 1989, Pathology Department, Medical School, Bristol University, Bristol, England

Seyed Mohsen Taghavi, Vice Chancellor of Academic Affairs, **Ph.D.:** 1996, Department of Microbiology, University of Queensland Australia

Seyed Mohammad Zebarjad, Vice Chancellor of Financial Affairs, **Ph.D.:** 1997, Department of Physics, McGill University, Montreal, Canada

Ali Akbar Safavi, Vice Chancellor, **Ph.D.:** 1995, Process Systems Engineering, University of Sydney, Australia

Schools and their Departments at Shiraz University and the Programs Offered

The University has 14 schools as follows.

School of Literature and Humanity Science

At the present, School of Literature and Humanities consist of Department of Islamic Theology, Department of History, Department of Arabic Language and Literature, Department of Persian Language and Literature, and Department of Foreign Languages and Linguistics.

| Areas of Study and Departments | |
|---|-----------------------------------|
| Islamic Education | Foreign Languages and Linguistics |
| History | Persian Language and Literature |
| Arabic Language and Literature Department | |

Academic Staff: 64

Full Professors: 5

Associate Professors: 19

Associate Professors: 39

Instructors: 1

Number of Students: 1561

B.A.: 970

M.A.: 497

Ph.D.: 94

Publications:

- Journal of Social Sciences and Humanities.
- Journal of Religious Thought.
- Journal of Boostan Adab.
- Journal of Teaching Language Skills.
- Iranian Children Literature Studies.
- Journal of Historical Heritage.
- Journal of Research in Persian Language.

Number of Library: 1

Foreign Languages and Linguistics Department

The Department of Foreign Languages and Linguistics was established in 1962 as the Department of English Language and Literature, which was later renamed as it is now. Before the Islamic Revolution (February 1979), it offered one BA degree in English language and Literature and four MA degrees.

After the revolution, as its capacity grew, more branches were added: one more BA degree, in TEFL, and two more MA degrees, one in Ancient Iranian Culture and Languages (AICL), and one in Teaching Persian to Speakers of Other Languages (TPSOL).

At present the department offers the following degrees:

BA Program: **1.** English Language & Literature **2.** General Linguistic

MA Program: **1.** English Literature **2.** Teaching English as a Foreign Language **3.** Ancient Persian Languages and culture **4.** General Linguistics **5.** Teaching Persian to Speakers of Other Languages (TPSOL).

Ph. D. Program **1.** Teaching English as a Foreign Language **2.** English Literature

Degrees Offered in the Department:

| Department | Degree | Major |
|---|--------|---|
| Department of Foreign Languages and Linguistics | B.A. | English Literature |
| | M.A. | English Literature Teaching English as a Foreign Language (TEFL) General Linguistics Ancient Cultures and Languages Teaching Persian to Speakers of Other Languages |
| | Ph.D. | Teaching English as a Foreign Language (TEFL) English Literature |

Persian Language and Literature Department

The department of Persian language and literature was created in 1955 as the fundamental part of Shiraz University. Then in 1962 it was developed as an independent department.

This department has the Persian language and literature programs in under graduating, graduating and doctorate levels. The department has created in recent years three branches of mystical, lyric and epic literature studies for the first time in Iran.

Degrees Offered in the Department:

| Field of Study | Level | Minor |
|---------------------------------|-------|--|
| Persian Language and Literature | B.Sc. | In Persian Language and Literature |
| | M.Sc. | In Persian Language and Literature |
| | Ph.D. | In Persian Language and Literature Lyric Literature Epic Literature Mystic Literature |

History Department

The department of history was established in 1963 and started its work with B.A. degree in history. In 1996 the fee-paying students of history were entered for the first time and subsequently the discipline of history in M.A. degree was inaugurated.

At the present time, the department of history is active in three degrees of B.A., M.A., & Ph.D.

Degrees Offered in the Department:

| Major | Degree | Branch |
|---------|--------|--|
| History | B.A. | History |
| | M.A. | History of Islam History of Post-Islamic Iran Iran ology |
| | Ph.D. | History of Post-Islamic Iran |

The Department of Theology and Islamic Sciences

The Department of Theology and Islamic Sciences was established in 1983. At first its name was "The Department of Islamic Teachings" and its main job was to represent 12 units of general courses to all BA students of Shiraz University.

As its capacity grew, more branches were added:

BA degree in Islamic Philosophy and Theology (1996), BA degree in the sciences of the Qur'an and the Tradition (2001), MA degree in Islamic Philosophy and Theology (2003), BA degree in Jurisprudence and Islamic Law (2004), MA degree in the Sciences of the Qur'an and the Tradition, (2005).

Degrees Offered in the Department:

| Department | Degree | Major |
|---|--------|--|
| Department of Theology and Islamic Sciences | BA | Islamic Philosophy and Theology |
| | | Sciences of the Qur'an and the Tradition |
| | | Jurisprudence and Islamic Law |
| | MA | Islamic Philosophy and Theology |
| | | Sciences of the Qur'an and the Tradition |

Arabic Language and Literature Department

The faculty of Arabic Language and Literature was established within the faculty of Persian Language and Literature in 2002. The faculty continues works as an independent department since 2007.

Degrees Offered in the Department:

| Major | Program | Discipline | Number of Male Students | Number of Female Students |
|--------------------------------|---------|--------------------------------|-------------------------|---------------------------|
| Arabic Language and Literature | BA | Arabic Language and Literature | 42 | 151 |

School of Economy, Management and Social Science

The School started work in Shiraz University's academic complex in 2003 under the title "School of Social Sciences" in form of three departments of "Economics" "Social Sciences" and "Management & Accounting".

In 2006 the department of "Management & Accounting" continued work after being separated into two different departments of "Management" and "Accounting"; currently the School is operating with four departments

- Management
- Economics
- Accounting
- Sociology and Social Planning

Academic Staff: 37

Full Professors: 3

Associate Professors: 7
Assistant Professors: 23
Instructors: 4

Number of Students: 1331
B.A.: 1015
M.A.: 244
Ph.D.: 72

Research Centers:
1- Population and Development Center.
2- Research Institute Social Science.

Publications:
- Journal of Accounting Advances.
- Journal of Economic Studies.

Number of Library: 1

Economics Department

Being one of the oldest at national level, the faculty started work in 1946 under the title “Economics & Trading Management” which later in 1989 was changed to “Economics”. The faculty has ever since actively continued work under its new title.

Degrees Offered in the Department:

| Major | Programme | Discipline |
|--------------|--------------------------------|---------------------------------|
| Economics | Undergraduate (Daytime) | Macro and Micro Economics |
| | Undergraduate (Second-type) | |
| | Postgraduate (Daytime) | International Economics |
| | Postgraduate (Second type) | |

Management Department

The faculty started work in 1964 under the title “Department of Economics & Business Administration” which later in continued activity in 1988 with the title “Department of Management & Accounting”. The faculty has changed its title to “Department of Management” since 1385.

Degrees Offered in the Department:

| Major | Programme | Discipline |
|------------|---------------|--|
| Management | Undergraduate | Business Administration Industrial Management |
| | Postgraduate | Operations Research Production Management Industrial Management Human Rescue Management |

Accounting Department

The faculty started work in 1964 under the title “Management & Accounting”; later in 2005 it maintained independency from the Department of Management and started activity under its new title “Department of Accounting”.

Degrees Offered in the Department:

| Major | Programme | Discipline |
|------------|---------------|------------|
| Accounting | Undergraduate | Accounting |
| | Postgraduate | Accounting |
| | PhD | Accounting |

Sociology & Social Planning Department

The faculty was established under the title “national construction and sociology” in 1964. After the reopening of Shiraz University in 1982 the faculty has continued work with its title changed to “Sociology and planning”.

Degrees Offered in the Department:

| Major | Programme | Course |
|-----------|---------------|--|
| Sociology | Undergraduate | Social Sciences (Planning) Social Sciences (Research) |
| | Postgraduate | Sociology Demography Population & Development Female Studies (Women & Family) |
| | PhD | Sociology (Social changes) Sociology (Social Problems) |

School of Law and Political Science

The faculty was established as the "Faculty of Law" as a part of Shiraz University in the form of a Department, called, "Department of Law" in 1977. In 2002, the field of study of "Politics" was established in the faculty, changing its name to, "Faculty of Law and Politics". In 1993, the first MA course majors: Public and Special Law and began its work with admission of students and then, in 1996, a new major, International Law, was added to the set of MA majors in the field of Law. In 2005, the majors in Criminal Law and Criminology began its activity by admitting students any of the above majors is independently administered with a name the same as the majors. The Law and Political Sciences Faculty admitted student in the Regional Studies Course with Emphasis on Middle East and North Africa in 2009-2010, this Course is one of the Political Sciences Branches in M.A.

Academic Departments

- Islamic & Private Law
- International & Public Law
- Criminal Law
- Political Sciences

Academic Staff: 23

Associate Professors: 4

Assistant Professors: 15

Instructors: 4

Number of Students: 687

L.L.B.: 444

LL.M.: 243

Research Centers:

Persian Gulf Center for Strategic Studies

Publications:

- Academic Journal of Legal Studies.

Number of Library: 1

Islamic & Private Law Department

In 1993, in addition to undergraduate program, the department accepted students for entrance into graduate program in private law.

Degrees Offered in the Department:

| Field | Program | Major |
|--------------|---------------------|--------------|
| Law | Bachelor of Science | Law |
| | Master of Science | Special Law |

International & Public Law Department

In 1993, in addition to undergraduate program, the department accepted students for entrance into graduate program in public law. In 1996, based on the permission of the dept. of Establishment and Development of Higher Education, the department admitted students for studying international law in M.A. program

Degrees Offered in the Department:

| Field | Program | Major |
|--------------|-------------------|---------------------------------|
| Law | Bachelor's Degree | Public Law |
| | Master's Degree | Public Law International Law |

Criminal Law Department

This university has accepted students in Master of Science Program in Criminal Law and Criminology since 2005-2006.

Degrees offered in the Department:

| Field | Program | Major |
|--------------|---------------------|------------------------------|
| Law | Bachelor of Science | Criminal Law and Criminology |
| | Master of Science | Criminal Law and Criminology |

Political Sciences Department

Degrees Offered in the Department:

Politics Department began at this faculty since 2002. Political Sciences department admitted Students in M.A in regional Studies Course with emphasis on middle east and north of Africa in

2009-2010.

| Field | Program | Major |
|----------|---------------------|--|
| Politics | Bachelor of Science | Political Sciences |
| | Master of Science | Regional Studies with Emphasis on Middle East and North of Africa Regional Studies of Iran |

School of Veterinary Science

Faculty Launching year 1969

Areas of Study

| | |
|---------------------------------------|---|
| Doctorate of Veterinary Medicine(DVM) | PhD in Veterinary Biochemistry |
| PhD in Veterinary Anatomical Science | PhD in Veterinary Reproduction and Gynecology |
| PhD in Comparative Histology | PhD in Veterinary Pathology |
| PhD in Large Animal Internal Medicine | PhD in Food Hygiene |
| PhD in Veterinary Parasitology | PhD in Veterinary Surgery |
| PhD in Poultry Disease | PhD in Veterinary Bacteriology |

Academic Departments

- Basic sciences
- Pathobiology
- Clinical sciences
- Hygiene and food quality control

Academic Staff: 56

Full Professors: 17

Associate Professors: 16

Assistant Professors: 23

Number of Students: 542

M.S.: 21

D.V.M.: 354

Ph.D.: 167

Research Centers:

Research Center of poultry Diseases

Publications:

- Iranian Journal of Veterinary Research

Number of Library: 1

Number of Laboratory: 16

Basic Sciences Department

The department of Basic Sciences was established in 1959 as the first department at school of Veterinary Medicine. The department comprises several sections including Anatomy, Biochemistry, Physiology, Pharmacology and Toxicology.

Postgraduate PhD program in anatomy, histology and biochemistry and M.Sc. program in physiology are also conducting at this department.

Degrees Offered in the Department:

| Degree | Postgraduate programs | Fields |
|---------------------|--|---------------|
| Veterinary Medicine | Anatomy | Ph.D. |
| Veterinary Medicine | Histology | Ph.D. |
| Veterinary Medicine | Biochemistry | Ph.D. |
| Veterinary Medicine | M.Sc. of Physiology | M.Sc. |
| Veterinary Medicine | Pharmacology | Ph.D. |
| Veterinary Medicine | Post-graduate diploma of Pharmacological Science | Diploma |

Pathobiology Department:

The department of Pathobiology was established in 1969. It is currently organizing the courses for Doctorate of Veterinary Medicine and PhD in Pathology, Parasitology and Bacteriology.

Degrees Offered in the Department:

| Degree | Field of Study |
|---------------|-----------------------|
| PhD | Parasitology |
| PhD | Pathology |
| PhD | Bacteriology |

Clinical Sciences Department:

The department of clinical science is divided into seven sections, in which, four sections having postgraduate Ph.D. program for Large Animal Internal Medicine, Surgery, Obstetrics and Poultry Diseases, and three more sections including Clinical Pathology, Small Animal Internal Medicine and aquatic diseases for undergraduate students:

Degrees Offered in the Department:

| Field | Degree | Field Of interests |
|--------------|--------------------------------------|---------------------|
| Postgraduate | Surgery | Veterinary Medicine |
| | Large Animal Internal Medicine | Veterinary Medicine |
| | Poultry Diseases | Veterinary Medicine |
| | Veterinary Obstetrics and Gynecology | Veterinary Medicine |

Hygiene and Food Quality Control Department

The Dept. of food sciences is established in 1974. The students of Veterinary, Medicine and Post graduated PhD students are currently studying in the Department.

Degrees Offered in the Department:

| Fields | Degree of study |
|--------|----------------------------------|
| PhD | Food Hygiene and Quality Control |

The School of Sciences

One of the oldest and the largest schools in Shiraz University was founded in 1955 and since then has conducted extensive educational and research activities spanning all fields.

The Iranian Journal of Sciences and Technology (Transaction A) which is an international journal indexed by ISI, is published by this School. The School of sciences consists of six departments of Math, Physics, Chemistry, Biology, Geology and Statistics. The specific interests of faculty members are detailed on the research web pages of each department.

Bachelor's Degree Majors:

- Pure Chemistry
- General Biology
- Nuclear Physics
- Optic Physics and Laser
- Pure Mathematics
- Applied Mathematics
- Statistics
- Geology

Master's Degree and Ph.D. Majors:

| | |
|---------------------|--|
| Organic Chemistry | Real Analysis |
| Inorganic Chemistry | Operation Research |
| Analysis Chemistry | Differential Equations and Dynamical Systems |

| | |
|--------------------------------|--|
| Physics chemistry | |
| Cellular and Molecular Biology | Harmonic Analysis |
| Betony Biology | Geometry |
| Zoology (Biosystematics) | Statistics-Mathematics (Probability) |
| Dense Material | Statistics-Mathematics (Statistical Inference) |
| Fundamental Particles | Economic Geology |
| Astronomy and Cosmic Physics | Aqua logy Geology |
| Optic Physic and Laser | Tectonics and Structural Geology |
| Algebra | Environment Geology |

Academic Departments

- Statistics
- Mathematics
- Biology
- Chemistry
- Earth Sciences
- Physics

Academic Staff: 109

Full Professors: 24

Associate Professors: 35

Assistant Professors: 44

Instructors: 6

Number of Students: 2197

B.S.: 1258

M.S.: 680

Ph.D.: 267

Research Centers:

1- Center for Remote Sensing & GIS

2- Astronomy & Astrophysics Research Institute

Publications:

- Iranian Journal of Science and Technology A: Science

- Journal of Research in Molecular Biology

Number of Library: 1

Number of Laboratory: 36

Statistics Department

The department of statistics at Shiraz University was formed in 1964 as a part of the department of mathematics and statistics. It became an independent department within the College of Sciences in 1991. Before that, the statistics and probability courses at Shiraz University were taught within the mathematics department mainly by professors of statistics. The department has not only expanded its scope of research activities but also offers a broad range of related courses for approximately 500 students of the related fields in Shiraz University in each semester. At present this department has 3 professors, 2 associate professors and 8 assistant professors as its faculty members. The department offers courses for Bachelor of Science, Master of Science and Doctoral degrees in statistics.

Degrees Offered in the Department:

| Subject | Degree | Field of study |
|------------|--------|------------------------|
| Statistics | B.Sc. | Statistics |
| | M.Sc. | Statistics |
| | Ph.D. | Statistical Inferences |
| | Ph.D. | Probability |

Mathematics Department

The department of mathematics in Shiraz University opened its doors to mathematics students in 1962. The department started its graduate programs in 1964 and continued its progress by accepting its first Ph.D. student in 1989.

At present the department offers courses leading to Bachelor of Science in pure mathematics, applied mathematics and educational mathematics. The graduate program includes students in pure and applied mathematics for Master of Science and Doctoral degrees.

Degrees Offered in the Department:

| Subject | Degree | Field of study |
|------------|---------------------|---|
| Mathematic | BSc | Pure Mathematic Applied Mathematic |
| | M. Sc. and Ph.D. | Algebra Analysis Geometry Operations Research Differential Equations Numerical Analysis Dynamical Systems |

Biology Department

The Biology Department of Shiraz University started its activities in 1964 as part of Shiraz Medical School. After the Islamic revolution in 1979, when Shiraz University was separated from Shiraz Medical Science University, the Biology Department has become one of the departments of Shiraz University located in college of sciences.

The department offers several programs both at under graduate and graduated levels:

1- Undergraduate studies:

- B.Sc. degrees in general biology and
- B.Sc. degrees in cellular and molecular biology.

2- Graduate studies:

- M.Sc. degrees in plant science (physiology , taxonomy and cellular and development)
- M.Sc. degree in animal science (physiology , biosystematics and development)
- M.Sc. degree in cell and molecular biology
- Ph.D. degree in plant physiology

Chemistry Department

The department of chemistry of shiraz university was founded in 1958 in what was then the medical college of shiraz university. Having started with four professors the department was capable to launch its graduate program later in 1966.

The department of chemistry in 1985 was the first in the nation to offer courses leading to doctoral degree in organic chemistry; This progress was later continued with graduating Ph.D. students in analytical chemistry, physical chemistry and polymer.

Degrees Offered in the Department:

| Subject | Degree | Field of study |
|-----------|--------|---|
| Chemistry | B.Sc. | Pure Chemistry |
| | M. Sc. | Analytical Chemistry Physical Chemistry Organic Chemistry Inorganic Chemistry Polymer Chemistry Nano Chemistry |
| | Ph.D. | Analytical Chemistry Physical Chemistry Organic Chemistry Inorganic Chemistry Polymer Chemistry Nano Chemistry |

Earth Sciences Department

This department was founded in 1969 by undergraduate teaching curriculum in geology. M.Sc. and Ph.D. programs began in 1987 and 1996 respectively. The first postgraduate students towards to Ph.D. degree in Economic geology, Hydrogeology and Tectonics began in 1996. The department of Earth Sciences of Shiraz University is the most reputed department of its kind in the country and for this reason *in 2001 this department was assigned as the center of excellence in Earth Sciences by the committee of center of excellence in sciences.*

Degrees Offered in the Department:

| Subject | Degree | Feld of study |
|----------------|--------|---|
| Earth Sciences | BSc | Geology |
| | M. Sc. | Economic geology Tectonics Hydrogeology Environmental Geology |
| | Ph.D. | Economic geology Tectonics Hydrogeology |

Physics Department

The Department of Physics at Shiraz University was founded in 1962 and started its academic carrier with three professors four associate professors, and five assistant professors. This small department soon expanded and in 1966 was able to offer courses leading to Master of Science degree in physics.

The growth of the department in education and research finally utilized in establishing the doctorate program in physics with its first Ph.D. graduate in 1988. The Physics Department faculty presently consists of seven professors, thirteen associate professors, eleven assistant professors and five instructors.

Degrees Offered in the Department:

| Degree | Minor |
|--------|----------------------------------|
| B.Sc. | Nuclear Atomic Solid state |
| M Sc | Atomic Nuclear Theoretical |

| | |
|-------|--|
| | Optics & Lasers Theoretical & Astrophysics Particle & High Energy Physics Solid State Physics |
| Ph.D. | Atomic Nuclear Theoretical Optics & Lasers Particle & High Energy Physics Astrophysics Condensed Matter |

School of Education and Psychology

Academic Departments

- Clinical Psychology
- Special Education
- Elementary Education
- Educational Administration and Curriculum and Instruction
- Educational Psychology
- Foundations of Education
- Physical Education

Academic Staff: 44

Full Professors: 3

Associate Professors: 8

Associate Professors: 28

Instructors: 5

Number of Students: 1709

B.A.: 995

M.A.: 680

Ph.D.: 34

Research center:

Children's Literature Studies.

Publications:

- Journal of Curriculum Research

- Studies in Learning and Instruction

Number of Library: 1

Number of Laboratory: 3

School of Agriculture

School of agriculture, Shiraz University was established in 1955, and was moved in 1961 to its present location in Badjgah (located at 15 kilometers outside Shiraz). Currently, School of Agriculture is home to 11 departments which are actively involved in a variety of educational programs leading to different degree levels, and also one research department (Plant Virology Research Center).

School of Agriculture offers highly accredited programs, leading to B.S., M.S. and Ph.D. degrees for highly qualified individuals to be employed by centers for higher education and research, and also government and private organizations. The following pages are intended to provide a brief description of each department, including the associated objectives and activities.

Academic Departments

| | |
|--------------------------------------|--|
| Desert Management | Horticultural Science |
| Agricultural Economics | Food Science and Technology |
| Plant Protection | Crop Production and Plant Breeding |
| Irrigation Science | Farm Machinery |
| Agricultural Education and Extension | Soil Sciences |
| Animal Sciences | Plant Virology Research Center (PVRC) |

Academic Staff: 101

Full Professor: 14

Associate Professors: 19

Assistant Professors: 65

Instructors: 3

Number of Students: 2498

B.S.: 1702 ,

M.S.: 672 ,

Ph.D.: 124

Research Centers:

1- Oceanic & Atmospheric Science
Research Center.

2- Aquatic Processing Research Group.

3- Drought Center.

4- Research center for plant virus protection.

5- Eram Botanical Garden.

6- Biotechnology Research Institute (BRI).

Publications:

Iran Agricultural Research (a Biannual Scientific Journal).

Number of Library: 1

Number of Laboratory: 48

48 Full Professor: 14

Associate Professors: 19

Assistant Professors: 65

Instructors: 3

Desert Management

The Dept. of Desert Region Management, School of Agriculture, Shiraz University was established in 1996 with one member. The first enrolment of students M.Sc. in of Desert Region Management was performed in 1996. They were four students that started their studies in Oct. 1996.

The department has had 17 entries of M.Sc. students since 1996 till now (Feb. 2009). During these years, 67 students were graduated from this department and most of them could continue their studies. The primary agreement of natural resources faculty was achieved in 2003.

Also the final agreement of establishing two fields of study in natural resources (B.Sc. in environment Eng. And B.Sc. in Rangeland and watershed management Eng.) was given by the Ministry of Science, Research and Technology in 2004. These two fields of study were started in Oct. 2006 and about 300 students are studying for their B.Sc. in the mentioned fields now (Feb. 2009)

Degrees Offered in the Department:

| Field of Study | Degree |
|-------------------------------------|--------|
| Desert Region Management | M.Sc. |
| Natural Resources Eng.- Environment | B.Sc. |
| Natural Resources Eng.-Rangeland | B.Sc. |
| Watershed Management | |

Agricultural Economics Department

Department of Agricultural Economics in Shiraz University was established in 1961 by offering bachelor of Agricultural Economics. The department extended its program to a master degree in 1977 and the PhD program was established in 1997.

The role and importance of agricultural economics can be understood from two standpoints: From a micro perspective, it develops and analyzes appropriate strategies and policies to overcome economic problems faced by farmers.

This role is becoming increasingly more important with the advent of agricultural commercialization in Iran. From a macro perspective, agricultural economics science can be employed in planning and policy making and in making policy advice to the government and regulatory entities.

Degrees Offered in the Department:

| Field | Degree |
|------------------------|----------|
| Agricultural Economics | Bachelor |
| | Master |
| | Ph.D. |

Plant Protection Department

The department of plant protection (formerly known as plant pest control) was originally established in 1957 as a pest control laboratory with only one academic member in a small house in Shiraz offering BSc in plant protection. From 1969 graduate program in plant pathology and also economic entomology started.

Research activities in the department are highlighted among the departments in the college and are highly competitive. Various grants from Shiraz University and government projects support part of the research funds for the department. The Center of Agricultural Biotechnology was also established in 2004 with the cooperation of the department of plant protection.

Degrees Offered in the Department:

| Field of Study | Degree |
|--|--------|
| Plant Protection | B.Sc. |
| Plant Pathology Agricultural Entomology | M.Sc. |
| Plant Pathology | Ph.D. |

Irrigation Science Department

Presently the department operates as the Department of Water Engineering, with 14 fulltime faculty members and 12 staff. The team of faculty members and the staff, new laboratories and research facilities has placed the Department of Water Engineering as one of the best in the country and globally.

Presently, the department has 158 undergraduate students, 83 M.S. degree students studying in three disciplines (Irrigation and Drainage Engineering, Hydraulic Structures, founded in 1991 and Agricultural Meteorology, founded in 1994) and 11 Ph.D. students.

Degrees Offered in the Department:

| Field | Degree | Branch |
|-------------------|---------------|---|
| Water Engineering | B.S. and M.S. | Irrigation and Drainage Agricultural Meteorology Hydraulic Structures |

Animal Sciences

Department of animal science is one of the ten departments in the college of agriculture, Shiraz University. The college of agriculture that was established in 1955 is located about 10 km north of the city of Shiraz, Iran.

Degrees Offered in the Department:

Bachelor of Science

Master of Science (Animal Nutrition, Animal Breeding, Animal Physiology)

Horticultural Science Department

Department Introduction:

Horticultural department of Shiraz University has been established over 40 years ago. It has an excellent reputation among Iranian universities. It owes its reputation to well-educated and experienced professors and highly qualified staff members.

The department offers PhD as well as MSc And BSc degree in pomology, floriculture and ornamental horticulture.

Majors and Fields:

| Major | Degree | Branch |
|-----------------------|--------|--|
| Horticultural Science | BSc. | Horticultural Science |
| | MSc. | Floriculture Floriculture Pomology Horticulture Science |
| | Ph.D. | Floriculture Pomology |

Food Science and Technology Department

Food science and technology is a subject involving a wide number of disciplines that study physicochemical and biological aspects of agricultural products. The main tasks of food science are: transport, storage, processing, packaging and quality control of processed foods, plus formulation of new products.

Graduates of this branch of science are able to play key roles in food industries to design food plants and work as production engineers, new product development and quality control managers. Food scientists are also employed in research organizations (for applied research projects) and in higher education centers.

Department of Food Science and Technology of Shiraz University was opened in 1967. It now trains students in both BSc and MSc levels and PhD program.

Department of Food Science and Technology offers, BSc of Food Science and Technology, MSc, PhD in Food Science and Technology (Chemistry and Technology)

Degrees Offered in the Department:

| Field of study | Degree | Minor |
|-----------------------------|---------------|---|
| Food Science and Technology | B.Sc. | Food science and technology |
| | M.Sc. | Food science and technology (Food chemistry) |
| | Ph.D. | Food science and technology (food technology) |

Crop Production and Plant Breeding

The Department of Crop Production and Plant Breeding was founded in 1965 offering BSc in Agronomy. Today, the Department has around 200 students in undergraduate and postgraduate programs. As well as BSc in Crop Production and Plant Breeding, we now offer MSc and PhD in Crop Production, MSc and PhD in Plant Breeding and MSc in Weed Science.

Currently the Department has 13 full time faculty members who represent a wide range of research interests. They conduct research in different sub disciplines such as crop physiology, weed control and management, genetics and plant breeding, plant biotechnology and bioinformatics.

Degrees Offered in the Department:

| Field | Degree | Minor |
|------------------------------------|--------|-------------------------------|
| Crop Production and Plant Breeding | B.Sc. | Production and Plant Breeding |
| | M.Sc. | Production |
| | M.Sc. | Plant Breeding |
| | M.Sc. | Weed Science |
| | PhD | Production |
| | PhD | Breeding |

Farm Machinery

The department of Farm machinery Engineering was established in 1966 to pursue excellence in teaching and research in the field of Agricultural Engineering and to train the specialists required in the agriculture sector.

Over 165 students are currently pursuing their courses at graduate and undergraduate levels in the department.

Degrees Offered in the Department:

| Major | Degree | Sub-subject |
|-----------------------------|----------|-----------------------------|
| Mechanics of Farm Machinery | Bachelor | Mechanics of Farm Machinery |
| | Master | Mechanics of Farm Machinery |
| | Ph.D. | Mechanics of Farm Machinery |
| Agricultural Mechanization | Bachelor | Agricultural Mechanization |

Soil Science

Department of Soil Sciences was established in 1962 with two faculty members and one staff, offering B. Sc. curriculum in "soil and water" in association with Department of Irrigation. The only educational and research space devoted to the department was a 24m² general laboratory and a 12m² office space.

Today, the number of faculty has risen to 8 and the number of staff to 5. It offers B.Sc., M.Sc. and Ph.D. degrees with about 128, 33, and 9 students; respectively the department also offers service courses to about 400 students of College of Agriculture. Educational and research spaces

has grown to about 2500m² plus about 1000m² green house spaces.

Degrees Offered in the Department:

| Field | Level | Minor |
|--------------|-------|---|
| Soil Science | B.Sc. | Degree in Soil Science |
| | M.Sc. | Degree in Soil Science |
| | PhD | Degree in Soil Penology |
| | PhD | Degree in Soil Erosion and Conservation |
| | PhD | Degree in Soil Chemistry and Fertility |

Plant Virology Research Center (PVRC)

Facilities PVRC has provided infrastructure for various types of research on plant viruses and phytoplasmas. It is a ca. 2800-square meter facility including laboratories, greenhouses, classroom, and offices. Laboratory equipment includes facilities for virus purification and characterization, molecular studies, biology and serology of viruses and phytoplasmas, tissue culture, DNA cloning, gene transfer, proteomics, etc.

School of Engineering

After establishment of Shiraz University in 1946, school of engineering was officially established in 1961 located in the current engineering classrooms building #1. The school started its activities by admitting 40 students (39 males and 1 female) in electrical engineering, civil engineering and chemical engineering.

School of Engineering has now over 100 members of faculty in seven fields of study; electrical and electronics engineering, chemical, petroleum and gas engineering, civil engineering, computer engineering, mechanical engineering, materials engineering, nuclear engineering, training students in bachelors, masters, and PhD levels.

Currently, school of engineering has approximately 2853 students in seven fields, studying in either undergraduate or graduate levels.

Departments and Schools of Engineering are as follows:

- Department of Civil Engineering
- Department of Materials Science and Engineering
- School of Chemical, Petroleum & Gas Engineering
- School of Electrical & Computer Engineering
- School of Mechanical Engineering

Civil Engineering Department

The civil engineering department is one of the old departments of engineering faculty of Shiraz University and has been admitting students from the year 1964.

The educational program of this department now includes the B.Sc. degree in civil engineering, M.Sc. degree in structural engineering, hydraulic structures Eng., geotechnical Eng. and environmental Eng. and PH.D. programs in structural, geotechnical and water engineering.

Educational and research activities of civil engineering department are not limited to training students, but numerous industry related researches are conducted by professors, students, or groups affiliated by the department.

This department has 15 faculty members, 5 in structural engineering, 4 in geotechnical engineering and 6 in hydraulic structures and water and environmental engineering.

Currently 232 bachelors, 98 masters, and 40 Ph.D. students are studying in the department of civil engineering.

Most of the courses presented in this department include theoretical subjects, design projects. Laboratory and workshop courses are also planned. The aim is to train engineers qualified for work in companies and offices.

Degrees Offered in the Department:

| Field | Degree | Major |
|-------------------------------------|-------------------------------------|-------------------------------------|
| Civil and Environmental Engineering | Bachelor's Program | Civil and Environmental Engineering |
| | Master's Program | Hydraulic Structures |
| | | Environmental |
| | | Geotechnical |
| | | Structural |
| Doctoral Program | Water Geotechnical Structural | |

Dept. of Materials Science and Engineering (MSE)

Shiraz University's department of materials science and engineering (MSE) inaugurated its activities in 1972 with M.Sc. program. After some developments in the department by 1974, B.Sc. program also started.

Having 15 faculty members, Shiraz University's department of materials science and engineering (MSE) admits student in bachelors (minor: -industrial metallurgy), masters (minors: - Characterization, selection and methods of engineering materials fabrication –Metal forming – Corrosion and materials protection –Electro ceramics –Nano materials) and doctoral (minor: - Materials engineering) levels.

Degrees Offered in the Department:

| Field | Level | Major |
|-----------------------------------|-----------------------|--|
| Materials Science and Engineering | Bachelor's Program | Industrial Metallurgy |
| | Master's Program | Characterization, selection and methods of engineering materials fabrication |
| | | Metal forming |
| | | Corrosion and materials protection |
| | | Electro ceramics |
| | | Nano materials |
| Doctoral Program | Materials Engineering | |

School of Electrical and Computer Engineering

After the establishment of Shiraz University in 1946, the Departments of Electrical engineering was started in 1961. Currently, the School of Electrical and Computer Engineering is composed of three departments: "Communications and Electronics", "Power and Control", and "Computer science, Engineering, and IT", where 44 faculty members strive for excellence in research and teaching.

- Communications and Electronics Engineering
- Power and Control Engineering
- Computer Science and Engineering, and IT

Department of Communications and Electronics

After the establishment of Shiraz University in 1946, the Departments of Electrical Engineering was started in 1961, with more than 20 faculty members. With the fast

development of research interests and advances of each major of Electrical and Computer Engineering, the department evolved to become the School of Electrical and Computer Engineering, with over 45 full-time faculty members, in 2008. The school is comprised of three departments: “Communications and Electronics”, “Power and Control”, “Computer and IT”. The Department of Communications and Electronics has, currently, 19 full-time faculty members who strive for excellence in research and teaching.

Degrees and Programs Offered at the Department:

| Major | Degree | Field |
|------------------------|--------|---|
| Electrical Engineering | B.Sc. | Electronics Communications |
| | M.Sc. | Electronics Communications – system Communications – field (Electromagnetics) |
| | Ph.D. | Communications – system Communications – field (Electromagnetics) |

Power and Control Engineering Department

Power and control engineering field, is founded to educate engineers for research and industrial activities. The great jump of many technologies which has been seen has a direct relationship with electrical engineering.

Electrical engineering segment is one of the oldest engineering sections in Shiraz University which is founded in 1963 and includes many fields and branches. By approbation of Shiraz university board of directors in 2008, section of power and control engineering is established.

Degrees Offered at the Department:

| Major | Degree | Field |
|------------------------|--------|-------------------|
| Electrical Engineering | B.Sc. | Power and Control |
| | M.Sc. | Power and Control |
| | Ph.D. | Power and Control |

Department of Computer Science, Engineering, and IT

Shiraz University, found this field in 1974 when the importance of this field had not been understood like today.

This faculty accepts students in the graduate of hardware and software fields and in post graduate of artificial intelligence, software and biomedical engineering fields and in PhD of software and artificial intelligence.

Degrees Offered in the Department:

| Major | Degree | Field |
|----------------------|--------|--|
| Computer Engineering | B.Sc. | Hardware Software |
| | M.Sc. | Artificial Intelligence Software |
| | Ph.D. | Software Artificial Intelligence |

School of Chemical, Petroleum and Gas Engineering

Chemical and petroleum engineering school of Shiraz University with more than 40 years of experience in education and research is one of the earliest institutions in chemical engineering which has been established in south of country.

This school is well known for training of chemical engineers and specialists in oil, gas, and petrochemicals. This school is a famous center in oil and gas and known as Excellency Center of gas refining in country due to the dedication of its faculty members.

This school has equipped laboratories of chemical engineering, gas and oil engineering. The well-equipped laboratories are also used for training and research purposes.

Currently, the school of chemical and petroleum engineering have two undergraduate and three graduate programs. Programs are classified in the following fields:

- Chemical Engineering (undergraduate)
- Oil engineering (undergraduate)
- Chemical Engineering (graduate)
- Process control and Simulation (graduate)
- Gas Engineering (graduate)

Academic Departments

- Chemical Engineering
- Oil Engineering
- Gas Engineering

List of Chemical Engineering Fields

| B.Sc. | M.Sc. | Ph.D. |
|-----------------------------|--------------------------------|----------------------|
| Refinery, Petroleum and Gas | Process Control and Simulation | Chemical Engineering |
| Oil Reservoir | Chemical Engineering | |
| | Gas | |

School of Mechanical Engineering

Mechanical engineering Dept. of engineering faculty in Shiraz University utilizes the activity of 18 members of faculty now, from with 7 persons have been performing scientific activity in “heat and fluids” major, 8 persons in “applied design” major and 3 persons in “aerodynamics” major.

Almost 2000 student in Bachelor’s degree program, 200 students in Master’s degree program and more than 20 students in PhD program have been graduated from this Dept. until now.

Academic Departments

- Nuclear Engineering
- Solid Mechanics Engineering
- Thermo Fluid Engineering
- Aerospace Engineering

Nuclear Engineering

In 1976 the nuclear engineering Department of Shiraz University was established as the first nuclear engineering department in Iran. After the Islamic revolution of Iran, the activities of this department were restarted in 1998. During the first few years, the students were admitted in M.Sc. program in Reactor and Ray-medical engineering fields. Since 2006, students are admitted in Ph.D. program in energy field and the first student in Ph.D. program of Ray-medical was accepted in autumn 2007. The B.Sc. program will also be established in this department soon.

Degrees Offered in the Department:

| Major | Degree | Field |
|---------------------|--------|-------------------------|
| Nuclear Engineering | MSc | Reactor Engineering |
| | | Ray-Medical Engineering |
| | Ph.D. | Reactor Engineering |
| | | Ray-Medical Engineering |

School of Art and Architecture

Academic Departments

- Architecture
- Urbanism
- Handicraft

Academic Staff: 23

Assistant Professors: 14

Instructors: 9

Number of Students: 762

B.A.: 650

M.A.: 112

Architecture Department

Faculty of Architecture of Shiraz University was founded in 1994 by giving admission to 25 students in School Diploma section.

Degrees Offered in the Department:

| Field | Degree |
|--------------|--------|
| Architecture | BA |
| | MA |

Urbanism Department

This faculty was founded in October 1997 with 5 students in MSc sector. In October 2007, it was developed by giving admission to 43 students in B.Sc. And now almost 150 students are studying at this department.

Degrees Offered in the Department:

| Field | Degree |
|----------------|---------------|
| Urban Planning | Master's |
| | Undergraduate |

Handicraft Department

The handicraft department of Shiraz University starts formally in 1998.

Degrees Offered in the Department:

| Field | Degree |
|-------------|--------|
| Handicrafts | BA |

College of E-Learning

Departments

1. Control and Precise Instrument (B.S., M.S.)
2. Electrical Technology (B.S.)
3. Law (L.L.M.)
4. E-Commerce (M.Sc.)
5. Computer Science (Software & Hardware) (B.S.)

Academic Staff: 150

Number of Students: 3532

B.S.: 2276

M.S.: 125

International Campus

Consists of

- 1- Group of Physics
- 2- Group of Mathematics
- 3- Group of Statistics
- 4- Group of Earth Science
- 5- Group of Biology
- 6- Group of Psychology
- 7- Group of Educational Administration
- 8- Group of Physical Education

- 9- Group of Sociology
- 10- Group of population
- 11- Group of Economic
- 12- Group of Management & Accounting
- 13- Group of English Language & Linguistics
- 14- Group of Law
- 15- Group of Agriculture
- 16- Group of Civil Engineering
- 17- Group of Electrical Engineering
- 18- Group of Chemical Engineering
- 19- Group of Computer Science
- 20- Group of Material Science
- 21- Group of Physiology
- 22- Group of Art & Architecture

Academic Staff: 161

Full Professors: 18

Associate Professors: 23

Assistant Professors: 120

Number of Students: 1289

B.S.: 123

M.S.: 1096

Ph.D.: 70