



# PERSIAN GULF UNIVERSITY



Persian Gulf:  
Sea of Civilization,  
Peace and Sustainable Development



In the Name of GOD

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Located on the beautiful coast of the Persian Gulf in south Iran and as the only state university in the province of Bushehr, Persian Gulf University's vision is to achieve an outstanding reputation in science and technology, to be innovative, entrepreneurial, and active in the international academic community, in the lead in energy and marine studies and an expert authority in the field of Persian Gulf studies.

Our University's initiatives are primarily focused on three strategic areas of excellence: energy, petroleum, gas and petrochemistry; marine studies; and international business and commerce. By prioritizing these areas of scientific knowledge and academic activity, Persian Gulf University aims at strengthening its constructively important role in establishing and maintaining peaceful coexistence and sustainable development as well as enhancing human prosperity and well-being in the Persian Gulf region.



# Faculties



Humanities



Sciences



Arts and  
Architecture



Maritime  
Sciences and  
Technology



Engineering



Agriculture  
and Natural  
Resources



Petroleum,  
Gas and  
Petrochemical  
Engineering



# Humanities

The Faculty of Humanities was established in 1995 with four departments namely Information Science and Knowledge Studies, Industrial Management, Accounting and English Language and Literature. Now, the Faculty has 9 departments that offer 9 undergraduate programs, 11 master programs, and 4 doctoral programs. The Faculty employs 11 associate professors and 49 assistant professors. There are over 2200 students studying various programs in the Faculty.

The Faculty of Humanities supports an academic environment in which the creation of an expert authority in the field of Persian Gulf studies is encouraged. The Faculty's vision is to achieve an outstanding reputation to be entrepreneurial in the national and international academic community.

Field of Study	Academic Level		
	Bachelor	Master	PhD
Business Management	▶		
Business Management - Marketing	▶	▶	
Business Management - Strategic Management	▶	▶	
Industrial Management	▶		
Industrial Management - Production Management	▶	▶	▶
Industrial Management - Operations Research	▶	▶	▶
Accounting	▶	▶	
Economics	▶	▶	
Energy Economics	▶	▶	
English Language and Literature	▶	▶	
Teaching English as a Foreign Language	▶	▶	
Arabic Language and Literature	▶	▶	▶
Persian Language and Literature - Literature of Resistance	▶	▶	
History	▶	▶	
Post-Islamic History of Iran	▶	▶	▶
History - Persian Gulf Studies	▶	▶	
Psychology	▶	▶	
Educational Psychology	▶	▶	
General Psychology	▶	▶	
Information Science and Knowledge Studies	▶		





# Sciences

The Faculty of Sciences was established in 1994 with The Chemistry department.

Now, the Faculty has 6 departments that offer 4 undergraduate programs, 14 master programs, and 6 doctoral programs. The Faculty employs 3 full professors, 15 associate professors and 33 assistant professors. There are over 300 students studying various programs in the Faculty.

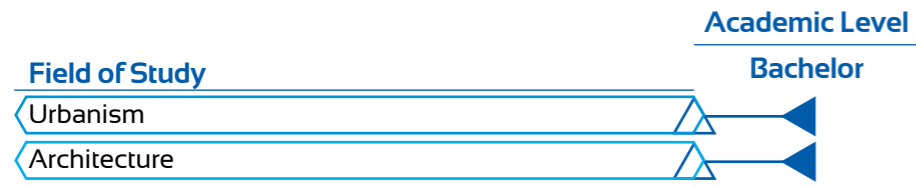
The Faculty has 15 laboratories for research and study purposes, including analytical, organic, inorganic chemistry research labs, analytical, organic, inorganic chemistry and physical chemistry educational labs, solid state laboratory and GCMASS room.



Field of Study	Academic Level		
	Bachelor	Master	PhD
Statistics and Applications	▶	▶	▶
Pure Mathematics - Analysis	▶	▶	▶
Mathematics and Applications	▶	▶	
Applied Mathematics - Numerical Analysis	▶	▶	▶
Mathematical Statistics	▶	▶	
Pure Mathematics - Algebra	▶	▶	
Socio-Economic Statistics	▶	▶	
Pure Chemistry	▶	▶	
Physics	▶	▶	
Nuclear Physics	▶	▶	
Atomic and Molecular Physics	▶	▶	
Solid State Physics	▶	▶	
Geophysics	▶	▶	
Physical Chemistry	▶	▶	▶
Organic Chemistry	▶	▶	▶
Analytical Chemistry	▶	▶	▶
Inorganic Chemistry	▶	▶	▶
Molecular Cell Biology	▶	▶	



# Arts and Architecture



The Faculty of Arts and Architecture was established in 2005 with Architecture department. Now, the Faculty offers 2 undergraduate programs. The Faculty employs 4 assistant professors and 3 lecturers. They conduct researches focusing on a range of topics in relation to traditional building design, urbanism, and environmental design history. There are over 250 students studying at the various fields of study in the Faculty. Arts and Architecture faculty has 15 educational laboratories.

The old part of the city of Bushehr with its uniquely traditional architecture and most beautiful residential buildings certainly add a precious cultural aspect to the experience of studying and living at Persian Gulf University in Bushehr.

Siraf is an ancient port located on the north coast of the Persian Gulf in Bushehr. A catastrophic earthquake had destroyed the city in 977. Its ruins are located approximately 220 kilometers south-east of Bushehr. This ancient city has its own unique architecture and there are many historical monuments in the city. One of the historical structures at Siraf is the Nassori Castle, built in the 19th century.

# Maritime Sciences and Technology



Field of Study	Academic Level	
	Bachelor	Master
Intercontinental Maritime Transport Management	▶	▶
Marine Biotechnology	▶	▶
Maritime Environment	▶	▶
Chemical Oceanography	▶	▶
Fisheries Science	▶	▶
Natural Resources and Fisheries Science -Aquaculture	▶	▶



The Faculty of Maritime Sciences and Technology was established in 2011 with The Marine Biotechnology department. Considering the pivotal role of the sea in the development of Bushehr province and educating students in the broad sphere of marine technology, Maritime Sciences and Technology faculty began its scientific activities. Now, the faculty offers 1 undergraduate program and 5 master programs. The Faculty employs 1 associate professor and 4 assistant professors. There are over 80 students studying various programs in the Faculty.





# Engineering

Field of Study	Academic Level		
	Bachelor	Master	PhD
Mechanical Engineering - Fluid Mechanics	▲		
Mechanical Engineering - Applied Mechanics	▲	▲	▲
Mechanical Engineering - Energy Conversion	▲	▲	
Civil Engineering	▲	▲	
Civil Engineering - Structural Engineering	▲	▲	
Civil Engineering - Geotechnics and Soil Mechanics	▲	▲	
Civil Engineering - Water and Hydraulic Structures	▲	▲	
Electrical Engineering - Communication	▲	▲	
Electrical Engineering - Control	▲	▲	
Computer Engineering - Software	▲	▲	
Naval Architecture and Marine Engineering	▲	▲	
Naval Architecture- Ship Hydromechanics	▲	▲	
Naval Architecture - Ship Structure	▲	▲	

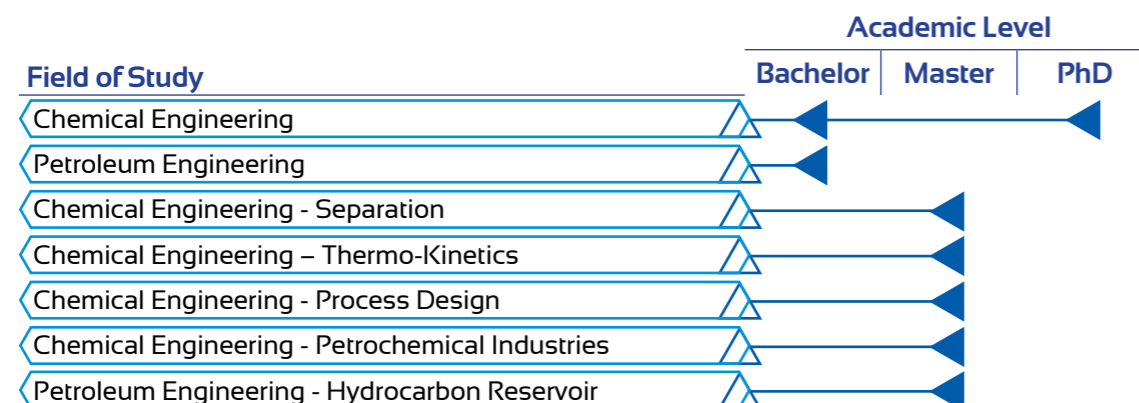
The Faculty of Engineering was established in 1992 with 2 departments namely Mechanical Engineering and Civil Engineering. Now the Faculty has 5 departments that offer 5 undergraduate programs, 9 master programs and 1 Ph.D. program. The Faculty employs 1 professor, 7 associate professors, 32 assistant professors and 12 lecturers. There are over 1300 students studying various programs in the Faculty. Engineering Faculty strives to increase its global presence in science and technology, focuses primarily on entrepreneurship education in international areas and provides direct contact between industry and university.

The Faculty houses more than 30 educational laboratories and workshops.



# Petroleum, Gas and Petrochemical Engineering

The Faculty of Petroleum, Gas and Petrochemical Engineering (FPGPE) was established in 2012 with 2 departments namely Chemical Engineering and Petroleum Engineering. These departments offer 2 undergraduate programs, 5 master programs, and 1 doctoral program. The Faculty employs 1 professor, 3 associate professors and 11 assistant professors. There are over 400 students studying various programs in the Faculty.



FPGPE plays an important role in solving the problems have arisen from the province industries and is currently carrying out some projects at the national and international level. Performing the provincial, national and international projects and supervising undergraduate and postgraduate students' projects and dissertations as inter-university cooperation form the core of our activities. In order to solve the problems of the oil and gas industry, FPGPE is constantly developing and facilitating research and technological cooperation with universities. To promote the academic status of the university and FPGPE on an international level, FPGPE is the pioneer faculty to sign memorandums of understanding or agreements for academic cooperation with the University of Leoben, Austria and University Technology Malaysia (UTM) as well as Indian Institute of Technology Bombay (IITB).

The Faculty houses more than 5 educational laboratories and 7

Research laboratories in FPGPE are formulated to facilitate research areas in Chemical Engineering, Petroleum Engineering, Biotechnology, and Nanotechnology.



#### Educational Labs in FPGPE

- Fluid Mechanics Lab
- Heat Transfer Lab
- Unit Operation Lab
- Process Control Lab
- Petroleum Lab

#### Research Labs in FPGPE

- Petroleum Research Lab-1
- Petroleum Research Lab-2
- Adsorption & Absorption Research Lab
- Membrane Technology Research Lab
- Environment and Energy Research Lab
- Catalyst Research Lab
- Biotechnology Research Lab
- Simulation Research Lab



# Agriculture and Natural Resources

The Faculty of Agriculture and Natural Resources was established in 1995 with Agricultural Engineering. Now, Agricultural Engineering department offers 3 undergraduate programs and 4 master programs. The Faculty employs 2 associate professors and 23 assistant professors. There are over 300 students studying various programs in the Faculty.

Field of Study	Academic Level	
	Bachelor	Master
Plant Production Engineering and Genetics	▲	▲
Plant Protection	▲	▲
Agricultural Engineering - Horticultural Science	▲	▲
Horticultural Science - Fruits	▲	▲
Horticultural Science - Vegetables	▲	▲
Horticultural Science - Ornamental Plants	▲	▲
Genetics and Plant Breeding	▲	▲







# Research Centers

Persian Gulf Research Institute  
 Information & Communication Technology Research  
 Centre (ICT)  
 The Nuclear Energy Research Center (NERC)  
 Oil and Gas Research Center  
 The Entrepreneurship and Innovation Center

# Persian Gulf Research Institute

- Sustainable development in the economy of Persian Gulf
- Removal of bottlenecks in the mass production of commercial species of marine animals & plants
- Establishment of a gene bank for aquatic species of Persian Gulf

## Departments:

1. Department of Environmental Studies
2. Department of Biotechnology
3. Department of Fisheries, Aquaculture and Maritime (Persian Gulf) Studies

## Ongoing Activities:

- Persian Gulf pollution studies
- Persian Gulf aquatic animal gene coding
- Marine fish propagation and cultivation





- Designing & Developing Application-Specific Systems
- Multi-dimensional signal processing
- Remote sensing SAR & hyperspectral image analysis
- Health information technologies
- Oil and gas data analysis
- Artificial intelligence

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- Oil slick and wind field estimation over sea from SAR images
- Gas pipeline localization using acoustic detection technology
- Quantitative cardiac analysis and 3d model extraction using gated SPECT images

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# Oil and Gas Research Center

## Energy and Environment

- Energy Efficient Technologies
- Renewable Energies (Solar & Wave)
- Energy Audit

## Process, Transform and Transport

- Process Optimization
- Refinery and Petrochemical Equipment Design and Modeling
- Composite and Nano Materials



# The Entrepreneurship and Innovation Center

- Promoting innovation and development of knowledge-based entrepreneurship and supporting talented and innovative thinkers
- 21 innovator teams are engaged in the center and developing their products

## Long-term goals

- Promoting innovation and entrepreneurship
- Bolstering the implementation of innovative knowledge-based ideas
- Paving the grounds for the commercialization of local knowledge and technology
- Creating opportunities for the emergence and support of creativity in the youth
- Finding innovators, encouraging their involvement in forming operations and strategic teams
- Attracting investors and connecting them with entrepreneurs, startups and academia



# Central Library

The University's Central Library aims at improving the quality of education and research through enhancing the availability and accessibility of scientific and research resources in print and electronic media. The Library is at the moment subscribing to a number of valuable databases, providing access to the most up-to-date resources in various disciplines.

# International Students Admission

Persian Gulf University welcomes international students from around the world who can apply for all degrees offered by the University. Our Office of International Affairs is responsible for facilitating admission of international students and can be contacted via the following email addresses:  
[intl@pgu.ac.ir](mailto:intl@pgu.ac.ir)  
[intl.office@pgu.ac.ir](mailto:intl.office@pgu.ac.ir)





# Why PGU?


Persian Gulf University


We believe that studying at Persian Gulf University can provide students with a uniquely rich experience for different reasons. First and foremost, the proven record of the quality of teaching and research is a distinguishing advantage of our university. Secondly, maintaining strong ties with the various high profile industries all over Bushehr province as the Energy Capital of Iran, such as those involved in the oil and gas industry, agricultural products (like dates and tomatoes), cultivation and processing of aquatic organisms, specially prawns, international commercial transactions and marine industry is another important reason for studying here. The coast of the Persian Gulf as a rich ecosystem with great bio-diversity provides yet another brilliant aspect to student life at our University. The old part of the city of Bushehr with its uniquely traditional architecture and most beautiful residential buildings certainly adds a precious cultural aspect to the experience of studying and living at Persian Gulf University in Bushehr. Last but not least, the University provides the faculty and students a very friendly atmosphere to study and practice in, an atmosphere which is always appreciated by our students and alumni.





**PERSIAN GULF  
UNIVERSITY**

 **+98 (77) 31222019**

 **+98 (77) 33445180**

 **intl@pgu.ac.ir**

 **Persian Gulf St., Bushehr, Iran**  
**Postal Code: 7516913817**