



Amirkabir University
of Technology
(Tehran Polytechnic)



School of **Sciences**

Department of **Physics and Energy Engineering**

Founded in 1989



www.phee.aut.ac.ir/en

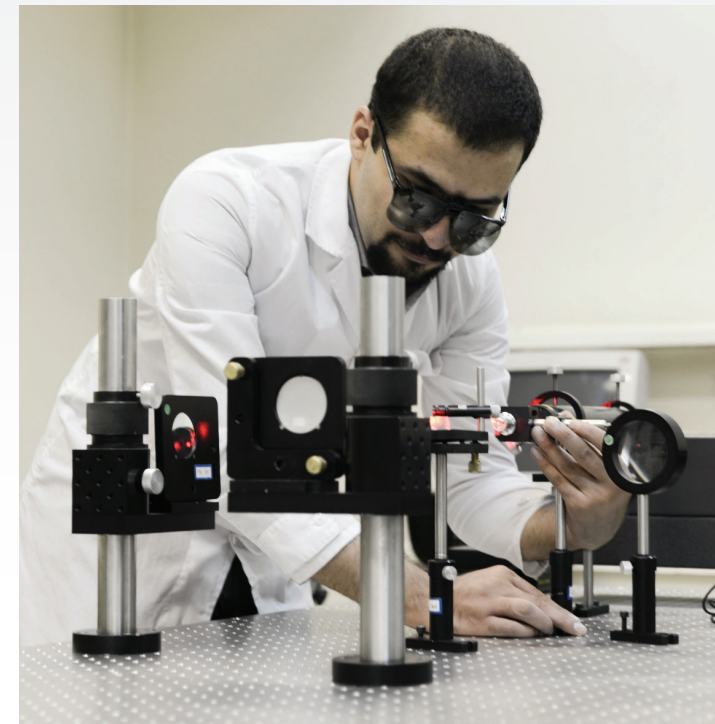
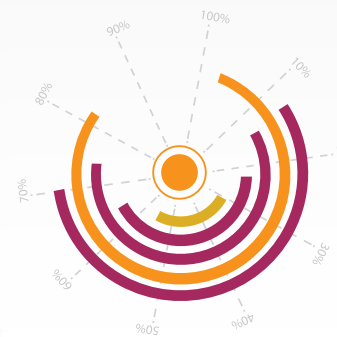
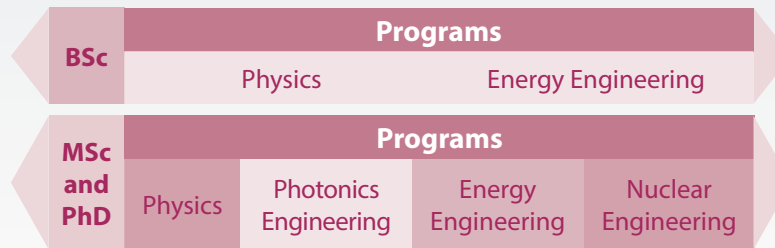
Why AUT: Do you want to understand how the universe works? Are you looking for a place that puts you in an engaging class? Look no further, our students of Physics and Energy Engineering have earned 19 and 53 medals in the international Olympiad on Astronomy and Astrophysics in the past 6 years.

CAREER PROSPECTS:

The alumni of this department are closely affiliated with Iranian energy organizations and play a significant role in expanding knowledge in the fields of energy and physics. They also offer valuable services to radiotherapy and medical centers, laser and solid state-dependent industries.

LABORATORIES:

Basic Physics Laboratory, Electricity Laboratory, Heat Laboratory, Mechanics Laboratory, Optics Laboratory, Laser Laboratory, Modern Physics Laboratory, Electronics Laboratory, Technology Institute (Parto Farayand).





Amirkabir University
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School of **Sciences**

Department of
**Mathematics &
Computer Science**



www.math.aut.ac.ir/en

Why AUT: Mathematics is the only tool that gives you problem-solving skills that can be used in real-world applications and give you diverse opportunities for your future.



CAREER PROSPECTS:

Alumni are prepared to become experts in statistics, informatics, and mathematical sciences and support scientific and research activities of industrial and scientific centers.

Research Fields:

The focus of computer science program: Machine Learning, Computational Geometry, Bioinformatics, Intelligent Transportation Systems, Randomized Algorithms, Approximate Algorithm, Complexity and Computational Theory. Math Groups: Statistics, Pure Mathematics, and Applied Mathematics.

	Programs			
BSc	Applied Mathematics	Pure Mathematics	Computer Science	
	Programs			
MSc and PhD	Pure Mathematics	Applied Mathematics	Statistics	Computer Sciences





Amirkabir University
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School of Sciences

Department of Chemistry



www.chem.aut.ac.ir/en

Why AUT: The Chemistry Development in the theoretical and practical fields indicates its critical role in human life today.

CAREER PROSPECTS:

Chemistry graduates are well-equipped with the necessary skills and knowledge to work in different careers. Graduates can work as professional chemists in Government and commercial laboratories. They can also get jobs related to teaching, technical marketing and the operation of an industrial plant; or make use of the rigorous training in critical thinking and problem-solving in the Chemistry curriculum to branch out into other areas such as the business and public sectors for their careers.

Laboratories:

Organic Chemistry Laboratory, Analytical Chemistry Laboratory, Physical Chemistry Laboratory, Inorganic Chemistry Laboratory, Polymer Chemistry Laboratory, Renewable Energy Laboratory, Nanochemistry Laboratory, Physical and Chemical Separation Laboratory.

