



**Institute for Advanced Studies
in Basic Sciences
Zanjan, Iran**



**An Overview of
Current Achievements and
Future Aspirations**

IASBS Facts

Founded in 1991

Over 1000 Students

Over 2000 Alumni

115 Faculty Members

6 Department

1st rank in International Relations among
Universities in Iran

One of the Best in Research Publications
Quality - Most Cited Papers

Open Access University 24/7

About IASBS

Departments



IASBS was founded in 1991. Its goal is to bring about an atmosphere for creative education and dynamic research in which high level teaching of the basic sciences would go hand-in-hand with fundamental and applied research.

IASBS is a degree granting institution with Master's and Doctoral programs. IASBS also endeavors to engage itself in scientific, technical, and cultural cooperation with other educational institutions and the relatively young local industry, and makes a deliberate effort to have scientific and cultural impact on the region.

IASBS is truly an open access institute. All students have shared offices and 24/7 access to all facilities. Dormitories are available for all students. Guest houses accommodate visitors.

The academic year in IASBS has three terms: Fall, Winter, and Spring. Each term lasts 11 weeks for courses and 1 week for exams.

Department of Biological Sciences

Master and PhD Programs:

Biochemistry, Biophysics, Cell Biology, Neurobiology and Bioinformatics with Experimental and/or Theoretical Orientations.

Requirements for Admission:

BSc degree in Chemistry, Physics and Biology for Master;
Master degree in Biological Sciences for PhD.

Department of Chemistry

Master and PhD Programs:

Analytical Chemistry, Organic Chemistry, Biochemistry, Physical Chemistry, and Inorganic Chemistry.

Requirements for Admission:

BSc degree in Basic Sciences for Master;
Master degree in Chemistry for PhD.

Department of Computer Sciences and Information Technology

BSc, Master and PhD programs:

Artificial Intelligence (Machine Vision, Machine Translation and Multi-Agent Systems), Bioinformatics, Robotics and Computational Geometry, Security and Networking, Dependable and Distributed Software.

Requirements for admission:

Highschool Diploma for BSc;
BSc degree in Basic Sciences for Master;
Master in Computer Science, Information Technology for PhD.

Department of Earth Sciences

Master and PhD Programs:

Geophysics, Tectonics, Petrology and Hydrology and Hydrogeology.

Requirements for Admission:

BSc degree in Basic Sciences for Master;
Master in Earth Sciences for PhD.

Department of Mathematics

Master and PhD Programs:

Algebraic Geometry, Mathematical Physics, Computational and Combinatorial Commutative Algebra, Combinatorics, Financial Mathematics, Functional Analysis, Numerical Analysis, Fuzzy Mathematics, Differential and Integral Equations.

Requirements for Admission:

BSc degree in Basic Sciences for Master;
Master in Mathematical Sciences for PhD.

Department of Physics

Master and PhD Programs:

Condensed Matter, Optics and Photonics, Astrophysics, Softmatter and Biophysics, Neurosciences and Computational Physics.

Requirements for Admission:

BSc degree in Basic Sciences for Master;
Master in Physics for PhD.



International Affairs

Most Noted Contribution to the
Development of Its Scientific Discipline
By **Islamic Development Bank**



European Mathematical Society

Emerging Regional Center of Excellence
By **the European Mathematical Society.**

International Educational and Research Cooperation
with a wide variety of institutions including
**International center for theoretical Physics (Italy),
Ecole Polytechnique Paris-Saclay University (France),
RWTH Aachen University and Biophysical Society (USA).**

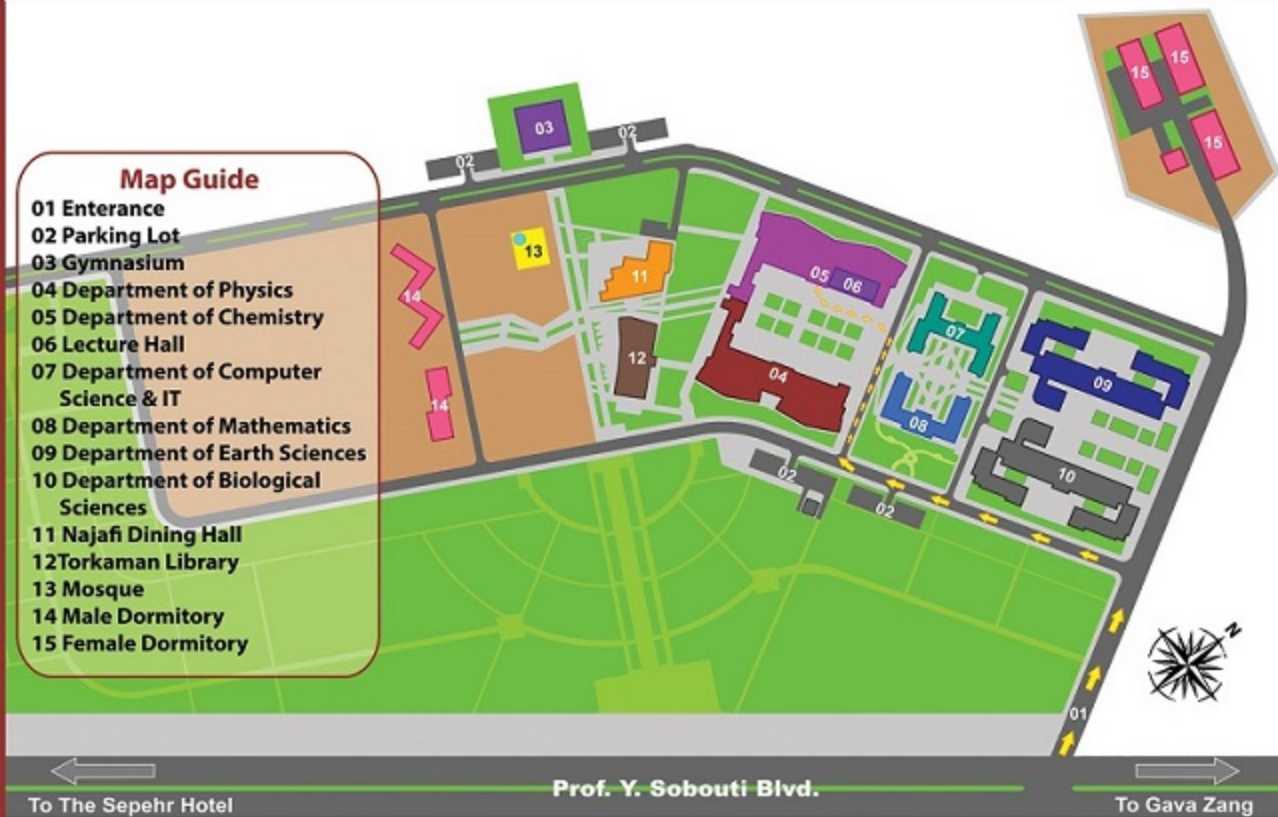
**RWTHAACHEN
UNIVERSITY**



The Abdus Salam
International Centre
for Theoretical Physics



ÉCOLE
POLYTECHNIQUE
UNIVERSITÉ PARIS-SACLAY





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