Our link with the world
Our link with the world

Undergraduate Programs

The Universidad Autónoma Metropolitana (UAM) is a public university with 39 years experience, founded on the idea of innovation. With a strong link to our social environment, our flexibility has helped us maintain our place in the vanguard of higher education.

UAM is organized around a General Vice-chancellorship with five independent campuses. Four are strategically located in and around Mexico City. The fifth campus is located in the conurbation area of Lerma (State of Mexico).

The five campuses have six Academic Divisions:
Basic Sciences and Engineering, Biological Sciences and Health, Communications Sciences and Design, Natural Sciences and Engineering, Social Sciences and Humanities, Sciences and Arts for Design

**Academic Model**
- Focused on social problems
- The student is the architect of his own professional training
- Model cores are: teaching, research and duty

We offer 75 Undergraduate and 87 Postgraduate programs

UAM has over 54,300 students

Independent accreditation agencies assessed 82% of its undergraduate programs as quality programs

**Communications Sciences and Design**
- Communication Sciences
- Design
- Technology and Information Systems

**Natural Sciences and Engineering**
- Applied Mathematics
- Biological Engineering
- Computer Engineering
- Molecular Biology

**Social Sciences and Humanities**
- Arts and Digital Communication
- Economics
- Hispanic Literature
- History
- Human Geography
- Humanities
- Law
- Linguistics
- Management
- Philosophy
- Political Science
- Politics and Social Management
- Psychology
- Public Politics
- Social Anthropology
- Social Communication
- Social Psychology
- Social and Territorial Studies
- Sociology

**Sciences and Arts for Design**
- Architecture
- Design of Graphic Communication
- Industrial Design
- Urban Planning

**Basic Sciences and Engineering**
- Biomedical Engineering
- Chemical Engineering
- Chemistry
- Civil Engineering
- Computer Science
- Computer Science Engineering
- Electrical Engineering
- Electronic Engineering
- Energy Engineering
- Engineering Physics
- Environmental Engineering
- Hydraulic Engineering
- Hydric Resources Engineering
- Industrial Engineering
- Mechanical Engineering
- Metallurgical Engineering
- Mathematics
- Physics

**Biological Sciences and Health**
- Agronomy
- Animal Production
- Biochemical and Industrial Engineering
- Biological and Pharmaceutical Chemistry
- Biology
- Dentistry
- Environmental Biology
- Experimental Biology
- Food Engineering
- Hydrobiology
- Medicine
- Nursing
- Nutrition
- Veterinary Medicine
Academic Staff
More than 3,000 lecturers -researchers
Over 86% of UAM’s widely recognized staff has postgraduate degrees and over 35% are registered in the National Researcher’s System (Sistema Nacional de Investigadores-SNI) which assesses and provides recognition of the high quality and relevance of their research projects and results.

Postgraduate
Due to the quality of UAM’s postgraduate program, UAM is considered among the top Higher Education Institutions in the country.

All postgraduate programs strive to create researchers, specialists, and professionals capable of generating or expanding knowledge in either their scientific, technological, artistic and humanistic fields of expertise.

62 programs offered at UAM are registered in the National Postgraduate Quality Programs (Programa Nacional de Posgrados de Calidad-PNPC) which is part of the National Council for Sciences and Technology (Consejo Nacional de Ciencia y Tecnología- Conacyt)

More than 3,400 students are registered in those programs, 4% of which are foreign students.

Postgraduate programs are divided into three levels: Specializations (S), Masters (M) and Doctorates (PhD).

Basic Sciences and Engineering
- Biomedical Engineering (M & PhD)
- Chemical Engineering (M & PhD)
- Chemistry (M & PhD)
- Computer Sciences (M)
- Energy and Environment (M & PhD)
- Mathematics (M & PhD)
- Optimization (M & PhD)
- Physics (M & PhD)
- Process Engineering (M & PhD)
- Sciences (Applied and Industrial Mathematics) (M)
- Sciences and Engineering (Materials) (S, M & PhD)
- Sciences and Engineering (Environmental) (S, M & PhD)
- Sciences and Information Technologies (M & PhD)
- Structural Engineering (M & PhD)

Biology Sciences and Health
- Acupuncture and Herbal Medicine (S)
- Agricultural Sciences (M)
- Biological Sciences and Health (PhD)
- Biology (M)
- Biology of Animal Reproduction (M)
- Biotecnology (S, M & PhD)
- Collective Health Sciences (PhD)
- Energy and Environment (M & PhD)
- Experimental Biology (M & PhD)
- Health and Population (S & M)
- Neurologic Rehabilitation (M)
- Pathology and Oral Medicine (S & M)
- Pharmaceutical Sciences (M)
- Social Medicine (S & M)
- Workers’ Health Sciences (M)

Communications Sciences and Design
- Design, Information and Communication (M)

Social Sciences and Humanities
- Anthropological Sciences (M & PhD)
- Communication and Politics (M)
- Economics (M)
- Economics and Management of Technological Change (M)
- Economic Sciences (M & PhD)
- Education Planning and Development (M)
- Groups and Institutions’ Social Psychology (M)
- Higher Education’s Sociology (S)
- Historiography (S, M & PhD)
- Humanities (M & PhD)
- International Relations (M)
- Metropolitan Planning and Politics (M)
- Mexican Contemporary Literature (M)
- Mexican Literature of the Twentieth Century (S)
- Organizational Studies (M & PhD)
- Public Politics (M)
- Rural Development (S, M & PhD)
- Social Sciences (PhD)
- Social Sciences and Humanities (M & Ph)
- Social Studies (M & PhD)
- Sociology (M & PhD)
- Virtual Program in Cultural Management and Politics (S)
- Women’s Studies (S & M)

Sciences and Arts for Design
- Cultural Heritage Management (M)
- Design: Bioclimatological Architecture (S, M & PhD)
- Design: Urban Studies (S, M & PhD)
- Design: New Technologies (S, M & PhD)
- Design: Planning and Conservation of Gardens and Landscape (S, M & PhD)
- Design: Restauration and Conservation of the country’s Built Heritage (S & M)
- Design and Publishing (M)
- Sciences and Arts for Design (M & PhD)
Our link with the world

**Research**

UAM participates in institutional research programs and proposals with multidisciplinary projects, at the national and international level with the aim of contributing to Mexico’s growth and development.

UAM is recognized for its contributions to society through more than 180 research areas within 58 Departments.

Some of the areas are:

UAM has more than 100 laboratories, workshops, and pilot plants for research and lecturing:
- Nuclear and Magnetic Resonance Laboratory in liquid state
- Microscopy Electronics Laboratory
- Bio Systems Laboratory
- Geometrics Laboratory
- Nanotechnology and Molecular Engineering Laboratory
- Research Center in Imagenology and Medical Instrumentation
- Biology and Aquiculture Research Center in Cuemanco
- Neurodevelopment Research Laboratory
- Biology Systems Laboratory
- Animal Production and Experimental Unit
- Communication Workshops
- Design Workshops
- Network and Software Manufacture Laboratory

UAM transforms knowledge into a useful product for society

UAM has obtained 77 patents, 19 utility models and 11 industrial designs in Mexico. At international level, UAM has 26 patents in countries such as: Germany, Brazil, Canada, Spain, United States, France, Great Britain, Japan, Russia, among others.

**Academic Cooperation and Exchanges**

UAM participates with both national and international Higher Education institutions and Research Centers in different areas, through activities that offer opportunities to enrich academic and professional training:
- Research and academic exchanges
- Student Mobility (undergraduate and postgraduate level)
- Joined research and joined programs
- Academic Networks
- Seminars, Courses and Lectures
- Social Service Projects

UAM has academic cooperation with 430 international Higher Education Institutions.

**Social Linkages**

UAM is involved in a diverse range of projects aimed at solving specific issues and attending the needs of society’s most vulnerable sectors.

Two examples would be stomatology clinics and legal services for a sector of the community that otherwise would not be able to afford such services.

Other social link examples include the Sierra Nevada Project aimed at restructuring traditional production practices into sustainable resource operations that project beyond the immediate into the long-term. Another example would be a research and training in Human Resource Development in Chiapas. Also the Metropolitan Studies Project that addresses problems faced by large cities around the globe.

**Community Benefits**

- Foreign language centers
- Spanish courses for foreign students
- Library
- Computer services
- Bookshops
- Sports and recreation activities
- Medical services
- Education guidance office
- Cafeterias and dining rooms with affordable costs
- Job opportunities
- Life-long learning
- Courses, workshops, conferences, seminars, diploma courses, round table discussions, colloquiaums
- Campus surveillance system
- Cultural activities

UAM encourages its students throughout their professional formation to take with them commitment to find solution to social needs.
UAM encourages creative expression and cultural activities

In each of its academic campuses a wide variety of cultural events always take place: theater, cinema, dance, music, exhibitions, plastic arts, and lectures.

**UAM** has awarded and recognized several personalities in the fields of literary art critics, humanities, physics, math, biology, among others.

UAM has been committed to sustainability for more than a decade. In 1974, UAM was the first Mexican university to offer an undergraduate degree in Environmental Engineering. Both Master’s and Doctoral degrees have been offered in this area for over a decade. Today, several of the academic divisions have sustainability degrees and research within a multidisciplinary perspective.

CASA ABIERTA AL TIEMPO (In Calli Ixcahuicopa in Nahuatl) is the University’s motto. Our motto and logo synthesizes the idea that UAM is a flexible, open, changing University, and that from solid roots we strive for the future.

**UAM is a very reliable option for those who dare to build a sound professional future**

*For more information*

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