



## ***UNAM's Scholarship-Funded Study Abroad Program***

*A comprehensive strategic initiative for outstanding undergraduate students from low-income households to experience international education at a global scale*

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***Vice-Provost for International Affairs***  
***March 2011***

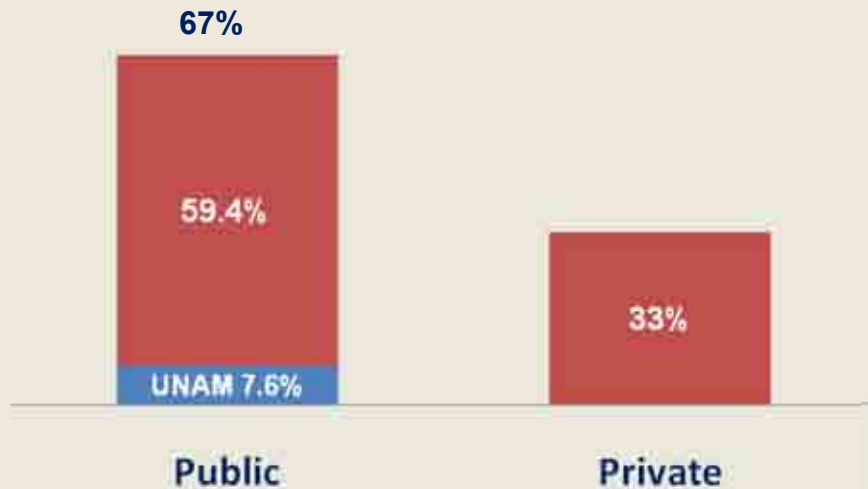


**OFFICE OF THE VICE-PROVOST FOR INTERNATIONAL AFFAIRS**



# higher education enrollment in mexico

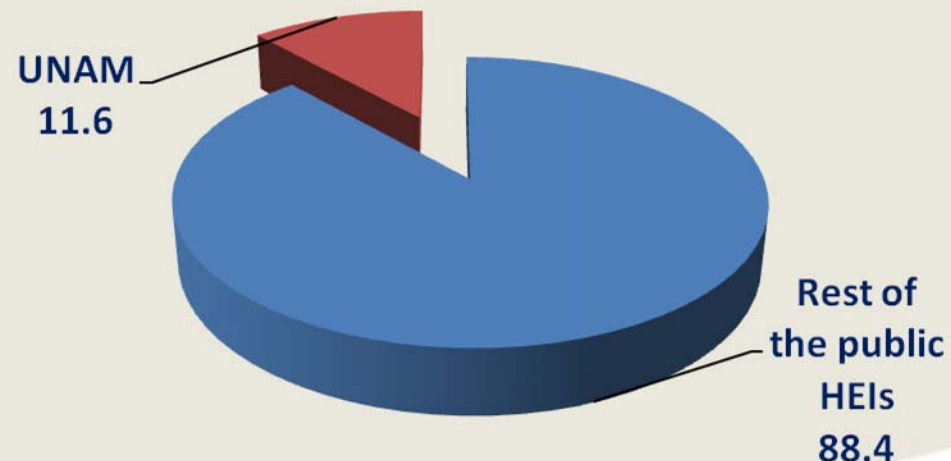
## Higher education enrollment (2009)



2,705,190

Total Higher Education Enrollment in Mexico (2009)

## UNAM's participation in public higher education enrollment



2,082 Higher Education Institutions (HEIs) in Mexico

- 1,408 private HEIs
- 674 public HEIs



## History

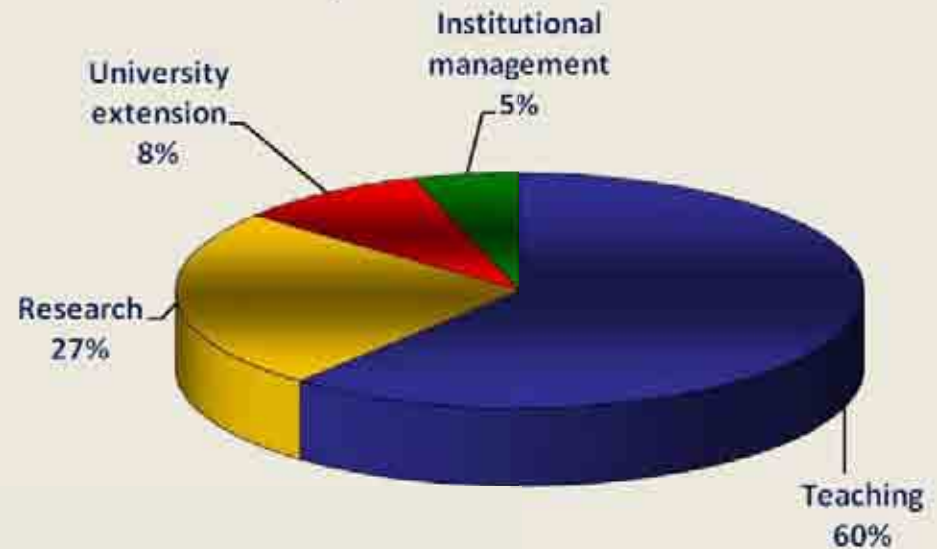
- Founded in 1551 as *Real y Pontificia Universidad de México*; in 1910, inaugurated as National University of Mexico; in 1929 obtained its autonomy
- Public and autonomous

## Infrastructure

- 2,337,206 m<sup>2</sup> of built area
- 2,098 buildings
- 3,627 classrooms
- 2,764 labs
- 139 libraries with a collection of 1,059,852 titles and 6,348,592 volumes
- 54,154 computers connected within UNAM's network
- KanBalam\* supercomputer capacity of 7,226 million arithmetic operations per second
- Manages Mexico's connection to Internet 2

**2011 approved budget: US\$2.357 billion**

**US\$2.124 billion in 2010**



## provides the following community services:

- National Seismological Service
- National Astronomical Observatory
- National Botanical Garden
- National Library
- National Mareographic Service
- National Herbarium
- 4 ecological reserves






## national presence



## International presence



	<b>Spanish Teaching Centers</b>	<ul style="list-style-type: none"><li>• San Antonio, Tx, USA</li><li>• Los Angeles, Ca, USA</li><li>• Chicago, Ill, USA</li><li>• Gatineau, Quebec, Canada</li></ul>
	<b>Spanish Teaching Centers to be inaugurated</b>	<ul style="list-style-type: none"><li>• Sao Paulo, Brasil</li><li>• Beijing, China</li><li>• Shanghai, China</li></ul>
	<b>Offshore offices</b>	<ul style="list-style-type: none"><li>• Madrid, Spain</li><li>• Seattle, Wash, USA</li></ul>



# unam, a comprehensive research university

## Schools & Faculties Subsystem

### **Faculties of:**

Architecture  
Sciences  
Political & Social  
Sciences  
Accounting &  
Business  
Administration  
Law  
Economics  
Philosophy &  
Literature  
Engineering  
Medicine  
Veterinary  
Medicine &  
Zootechnology  
Odontology  
Psychology  
Chemistry

### **Multidisciplinary Schools:**

Acatlán  
Aragón  
Cuautitlán  
Iztacala  
Zaragoza

### **National Schools of:**

Plastic Arts  
Nursing & Obstetrics  
Music  
Social Work

### **Two high-school subsystems**



## Humanities Research Subsystem

### **6 Centers, on:**

Latin-American Studies  
Interdisciplinary Research  
on Sciences &  
Humanities  
Multidisciplinary Research  
(in Cuernavaca)  
Bibliotecology Research  
Research on North America  
Foreign Language Teaching

### **10 Institutes, on:**

Anthropology  
Bibliography  
Economics  
Aesthetics  
Philology  
Philosophy  
History  
Law  
Sociology  
University & Education

## Scientific Research Subsystem

### **10 Centers, on:**

Applied Sciences &  
Technological  
Development  
Atmospheric Sciences  
Genomic Sciences  
Nanosciences and  
Nanotechnology  
Applied Physics &  
Advanced  
Technology  
Geosciences  
Ecosystems  
Energy  
Environmental  
Geography  
Radioastronomy &  
Astrophysics



### **19 Institutes, on:**

Astronomy  
Biology  
Biotechnology  
Physical Sciences  
Marine Sciences &  
Limnology  
Nuclear Sciences  
Ecology  
Physics  
Cell Physiology  
Geophysics  
Geography  
Geology  
Engineering  
Biomedical Research  
Materials Science  
Research  
Applied Mathematics &  
Systems  
Mathematics  
Neurobiology  
Chemistry



# unam, a comprehensive research university

## University Cultural Center

*Espacio Escultórico  
(Sculptural Space)  
Paseo de las Esculturas  
(Sculptures Walk)  
Pedregal Snakes  
Julio Torri Library  
Restaurants*

## Academic Extension

*Cinematographic Studies  
University Center  
Theater University Center*



## Performance of Arts

### Music

*Philharmonic Orchestra  
of UNAM (OFUNAM)  
Symphonic Orchestra of  
the Palace of Mining  
Philharmonic Choir of  
UNAM  
Nezahualcóyotl Concert  
Hall  
Carlos Chávez Concert  
Hall  
Simón Bolívar  
Amphitheater and  
Salón Generalito in the  
Antiguo Colegio de  
San Ildefonso*

### Theater

*Theater Department  
Juan Ruiz de Alarcón  
Theater  
Sor Juana Inés de la Cruz  
Forum  
Santa Catarina Theater  
(Coyoacán)*

### Dance

*Department of Dance  
Miguel Cobarrubias  
Dance Hall*

## Cinematographic Activities

### Office of Cinematographic Activities

*Film library with more than  
41 thousand titles  
Cinematographic  
Programming  
Audiovisual material  
production*

## Media

*TV UNAM  
Radio UNAM  
Podcast "Download  
Culture UNAM"  
Website  
[www.cultura.unam.mx](http://www.cultura.unam.mx)*



## Literary Activities and Publications

### Literature Department

*Culture Promotion and Literary  
creation  
«Punto de partida»  
Collection: Voz Viva de México  
y América Latina, received  
the distinction «Memoria  
del Mundo de la UNESCO  
en 2005»*

*Four online publications:  
periódico de poesía, punto  
de partida, punto en línea  
and material de lectura  
Certamen Caza de letras  
(Letters Hunting Award)*

### Department of Publications and Editorial Promotion

*UNAM Editorial House  
Libraries system*

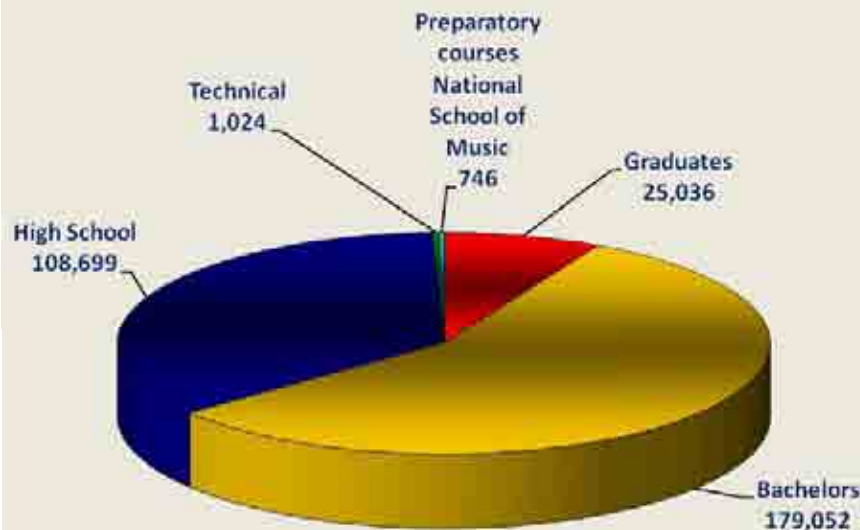
## Museums and Cultural Centers

*Museo Universitario Arte  
Contemporáneo  
MUCA Campus  
MUCA Roma  
Museo Experimental El  
Eco  
Museo Universitario del  
Chopo  
Casa del Lago Juan José  
Arreola  
Centro Cultural  
Universitario  
Tlatelolco  
Museo de la Autonomía  
among others...*



# students profile

314,557 students  
in the academic year 2009-2010



- top-ranked students from across the country
  - **150,000** applicants per year
  - **35,000** are accepted
    - ✓ **65%** from UNAM high schools (minimum GPA:7 out of 10)
    - ✓ **35%** compete for admission
    - ✓ **88.6%** from **public high schools**
    - ✓ **50.7%** from **Mexico City**
- families of 64% of undergraduates, earn **incomes lower or equivalent to 9 minimum wages (US\$1,215 per month)**
- a high percentage of students **lack foreign language skills**



# teaching programs

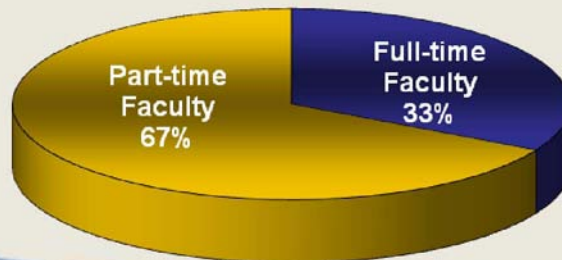
- **82** undergraduate programs, **40** graduate programs (MSc, PhD) and **34** specialties
- **3 high school programs:**
  - **Escuela Nacional Preparatoria** (9 campi)
    - ✓ is part of UNAM since 1910
    - ✓ conceived as a scientific high school, closely connected to the University level
  - **Colegio de Ciencias y Humanidades, CCH** (5 campi)
    - ✓ created in 1971
    - ✓ self-directed learning program
  - **Bachillerato a Distancia** (distance learning):
    - ✓ created in 2007
    - ✓ distance learning high school
- **2 technical-level** degrees: music and nursing
- compulsory **social service learning**
- **open university system** (graduate & undergraduate)



# faculty and research

- 29 institutes, 16 centers and 8 university programs on specific topics
- 3,442 faculty belong to the National System of Researchers
- generates 50% of the country's academic research
- 1 out of every 3 research publications in Mexico is written by UNAM experts
- over 8,000 research projects are developed annually, in all areas of knowledge
  
- **2,419 researchers**
- **33,260 professors**

Faculty: 35,679

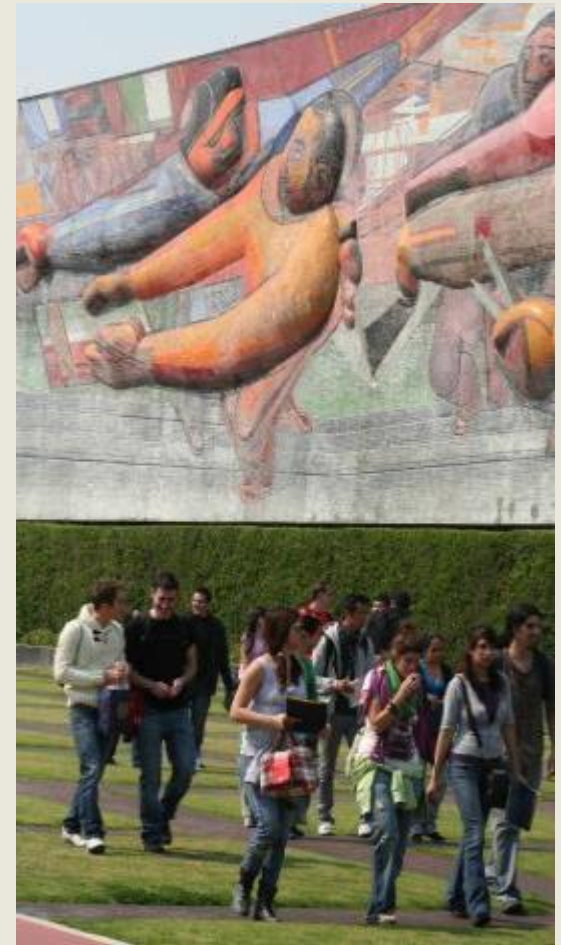


- 18 museums
- 18 historical buildings
- Symphonic Orchestra of the Palace of Mining & Philharmonic Orchestra of UNAM
- archives include 370,000 film and disc recordings, music and sound, film titles, artwork and video material in specialized collections
- 3,971 publications in 2008 (books, journals and e-books)
- 8,500 artistic and cultural activities in 2009
- 2,490,000 people attended artistic and cultural activities in 2009
- 22 million library consultations are registered annually
- 5 million books are lent annually



# UNAM's strategic global initiative

- in 2007, the new administration launched UNAM's internationalization initiative
- in October 2009 it created:
  - the Office of the Vice-Provost for International Affairs (OVPIA)
  - a permanent Internationalization Advisory Committee chaired by the Rector and co-chaired by the Secretary General. The Vice-Provost for International Affairs acts as technical secretary
  - identification, negotiation and development of **strategic alliances** with top universities worldwide
  - since 2010, the OVPIA launches Annual Calls for **Undergraduate Study Abroad Programs (USAP)** with participation of the 22 Faculties and Schools
  - design and development of a new global collaborative webpage [www.global.unam.mx](http://www.global.unam.mx) (welcome messages in 10 languages)
  - since 2009, English as a second language is mandatory at UNAM high schools



- survey to the 22 Faculties and Schools in 2009:
  - historical international activities with **low institutional impact**
  - **lack of institutional coordination**
  - exchanges mainly with other **Spanish-speaking countries**
  - **funding restricted** to the individual budgets of each Faculty and School



## UNAM s response:

- identification of strategic partners worldwide by areas of knowledge
- strategic Undergraduate Study Abroad Program (USAP)
  - defined as a major backbone of the **internationalization strategy**
  - defined as a way to contribute to **raise UNAM's international profile**
  - defined as an integral part of UNAM's renewed commitment to **educate** globally-aware, multicultural and skilled students with integrity, high ethical standards and a humanistic and social perspective
  - defined as the means to provide the majority of UNAM s underprivileged undergraduate student population with the **opportunity** to attend prestigious Higher Education Institutions around the world



## for outstanding undergraduate students from low-income households

- full scholarships for **high-performing** students from **low-income** households with at least **one second language**
- various options which cater to the student's **range of needs and profiles**:
  - one-semester or one-year student exchanges
  - intensive summer courses
  - honors programs
  - research internships
  - language courses
- UNAM's agreements with prestigious universities around the world guarantee **reciprocity** in each option, allowing **international students** to attend any UNAM campus, including Mexico City



- establishment of **strategic alliances** with top-ranked universities worldwide
- diversification of student mobility: UNAM students can spend a summer, a semester or a year abroad in **115 universities** in **27 countries**
- dramatic **increased participation** of UNAM students in the USAP
- increased interest in **foreign language** learning

## study abroad destinations



## actions undertaken: raising awareness about study abroad programs

- **1<sup>st</sup> International Education Fair - UNAM 2009**, with more than **5,000 visitors** and **38 exhibitors**
- **2<sup>nd</sup> International Education Fair - UNAM 2010**, with more than **6,000 visitors** and **53 exhibitors**
- **orientation sessions** for students participating in international programs:
  - living abroad
  - cultural awareness
  - personal finances



## actions undertaken: increased, diversified funding

- for the first time at UNAM, Study Abroad Programs were financed through a joint **public, private and civil structure**:



### UNAM funding: US \$3.5 million

- students from all the areas of study



### Coca-Cola Latin America: US \$1 million

- students from niche areas such as engineering, chemistry, genomics and environmental sciences, at leading foreign universities
- students from low-income households (less than 9 minimum wages/ US\$45 per day)
- students at the top 10 percentile of their class
- students with a strong command of English and/or other languages



### Harp Helú Foundation: US\$412,000

- similar criteria to Coca-Cola
- students from management, accounting, engineering and sciences



### Miguel Alemán Foundation: US\$50,000

- similar criteria to Coca-Cola
- students from social sciences



### Prince of Asturias Award: US\$75,000

- Student Mobility Program between Universidad de Oviedo in Spain and UNAM

- the funding is destined to **scholarships of 100%, 75% and 50%** to cover the costs of participation in the USAP (airline tickets, accommodation, travel allowances, travel insurance, passport, visa)



## actions undertaken: contribution to language learning

- increased demand for the teaching of languages at UNAM s **Foreign Languages Teaching Center (CELE)**
- faculties of Law, Chemistry, Management and Accounting, have established their **own language centers** to meet demand
- full scholarships for **English and French** languages summer courses at **UNAM s extension school in Canada**
- full scholarships for **English language online lessons** (MATT Foundation, “*Yes al Inglés*”)
- negotiation of **special fees** for foreign language lessons, with schools, organizations and institutions in Mexico: The Anglo, EF, DAAD, IFAL, French Alliance, among others



## assessing the impact of the study abroad experience

the USAP provides UNAM students:

- with the opportunity to explore new ideas
- to comprehensively strengthen their personal and professional development
- to gain a better understanding of their own and other cultures
- to become global citizens
- to broaden their horizons
- to improve their work prospects in the current global market
- to influence decisions to attend graduate school



UNAM is currently developing a methodology to assess the impact of the study abroad experience, through a five year longitudinal study



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