UNAM : Mexico’s Premier Teaching, Research and Culture Dissemination Institution
HISTORY

- Founded in **1551** as **Real y Pontificia Universidad de México**

- In **1910** it is established as **The National University of Mexico**, gathering the schools founded during the XIX\(^{th}\) century

- In **1929** it acquires its autonomy (with full legal capacity to govern itself)

- In **1949** the construction of University City begins, and is officially inaugurated in **1954**
Students registered at UNAM for the academic year 2016-2017:
349,539

Full Time Professors: 12,292
Part Time Lecturers: 27,892
TEACHING PROGRAMS

• 3 High School Programs
• 120 Undergraduate programs
• 41 Postgraduate programs
• 37 programs of Specialization
• Open University System (for postgraduate & undergraduate)
• On-line learning program
15 Colleges
• Accounting & Administration
• Architecture
• Arts and Design
• Chemistry
• Economics
• Engineering
• Law
• Medicine
• Music
• Dentistry
• Philosophy & Literature
• Political & Social Sciences
• Psychology
• Sciences
• Veterinary Medicine & Animal Production

7 Multidisciplinary Units
• Acatlán
• Aragón
• Cuautitlán
• Iztacala
• Zaragoza
• Higher studies – León
• Higher studies - Morelia

3 National Schools
• Nursing & Obstetrics
• Social Work
• Languages, Linguistics and Translation

120 undergraduate degrees
<table>
<thead>
<tr>
<th>Physical Sciences - Mathematics &amp; Engineering</th>
<th>Biological Sciences, Chemistry &amp; Health</th>
<th>Social Sciences</th>
<th>Humanities &amp; Arts</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Applied Statistics</td>
<td>• Biochemistry</td>
<td>• Anthropology</td>
<td>• Architecture</td>
</tr>
<tr>
<td>• Astrophysics</td>
<td>• Biological Sciences</td>
<td>• Economy</td>
<td>• Art History</td>
</tr>
<tr>
<td>• Earth Sciences</td>
<td>• Biomedical Sciences</td>
<td>• Geography</td>
<td>• Arts and Design</td>
</tr>
<tr>
<td>• Engineering</td>
<td>• Chemistry</td>
<td>• Latin American Studies</td>
<td>• Higher Education Teaching</td>
</tr>
<tr>
<td>• Materials Science and Engineering</td>
<td>• Marine Sciences and Limnology</td>
<td>• Law</td>
<td>• History</td>
</tr>
<tr>
<td>• Mathematics</td>
<td>• Medicine, Dentistry and Health</td>
<td>• Administration Sciences</td>
<td>• Industrial design</td>
</tr>
<tr>
<td>• Physical Sciences</td>
<td>• Neurobiology</td>
<td>• Political and Social Sciences</td>
<td>• Library and Information Studies</td>
</tr>
<tr>
<td>• Science and Computer Engineering</td>
<td>• Nursing</td>
<td>• Social Work</td>
<td>• Linguistics</td>
</tr>
<tr>
<td></td>
<td>• Production Science and Animal Health</td>
<td></td>
<td>• Literature</td>
</tr>
<tr>
<td></td>
<td>• Psychology</td>
<td></td>
<td>• Mesoamerican Studies</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• Music</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• Pedagogy</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• Philosophy</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• Philosophy of Science</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• Urban studies</td>
</tr>
</tbody>
</table>

41 graduate programs
92 master and doctoral programs
37 specializations

Coordinación de Relaciones y Asuntos Internacionales
Head Office of International Affairs
SCIENTIFIC RESEARCH VICEPRESIDENCY

Physics and Mathematics

9 Institutes
• Astronomy
• Materials Research
• Mathematics
• Nuclear Sciences
• Physical Sciences
• Physics
• Radio-Astronomy and Astrophysics
• Renewable Energy
• Research in Applied Mathematics and Systems

5 Centers
• Applied Sciences and Technological Development
• Applied Physics and Advanced Technology
• Complex Sciences
• Mathematics
• Nanoscience and Nanotechnology

Chemical, Biological Sciences and Health

9 Institutes
• Biology
• Biomedical Sciences
• Biotechnology
• Cellular Physiology
• Chemistry
• Ecology
• Ecosystems Research
• Marine Sciences and Limnology
• Neurobiology

1 Center
• Genomic Sciences

2 Programs
• Feed stuffs
• Health Research

Earth Sciences and Engineering

4 Institutes
• Engineering
• Geology
• Geophysics
• Geography

3 Centers
• Atmospheric Sciences
• Environmental Geography Research
• Geosciences

3 Programs
• Climate Change Research
• Environment
• Materials Science and Engineering
HUMANITIES RESEARCH VICEPRESIDENCY

11 Institutes
- Aesthetics
- Anthropology
- Bibliography
- Economics
- History
- Judicial Sciences
- Librarianship and Information
- Philology
- Philosophy
- Social Sciences
- University and Education

2 Academic Units
- Regional Studies, Jiquilpan (Querétaro)
- Culture and Society Research, Morelia (Michoacán)

6 Centers
- Chiapas and the Southern Border
- Latin American and Caribbean Studies
- North American Studies
- Peninsular in Humanities and Social Sciences
- Regional Multidisciplinary Research
- Science and Humanities

6 University Programs
- Bioethics
- City Studies
- Development Studies
- Gender Studies
- Human Rights
- Mexico Multicultural
<table>
<thead>
<tr>
<th>University Cultural Center</th>
<th>Academic Extension Centers</th>
<th>Media</th>
<th>Cinematographic Activities</th>
<th>Literary Activities and Publications</th>
<th>Museums and Cultural Centers</th>
<th>Arts Performance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Espacio Escultórico (Sculptural Space)</td>
<td>University’s Center for Cinematographic Studies</td>
<td>UNAM TV</td>
<td>Center for Cinematographic Studies</td>
<td>Literature Department</td>
<td>University Museum of Contemporary Art</td>
<td>Music</td>
</tr>
<tr>
<td>Paseo de las Esculturas (Sculptures Walk)</td>
<td>University’s Center for Drama</td>
<td>UNAM Radio</td>
<td>Film library with more than 41 thousand titles</td>
<td>Department of Publications and Editorial Promotion</td>
<td>Experimental Museum “El Eco”</td>
<td>UNAM’s Philharmonic Orchestra (OFUNAM)</td>
</tr>
<tr>
<td>Pedregal Serpents (Sinuous wall)</td>
<td></td>
<td>Podcast</td>
<td>Cinematographic Programming</td>
<td></td>
<td>University Museum del Chopo</td>
<td>Symphonic Orchestra Palacio de Minería</td>
</tr>
<tr>
<td>Julio Torri Library</td>
<td></td>
<td>Downloads UNAM</td>
<td>Audiovisual material production</td>
<td></td>
<td>Lake House Juan José Arreola</td>
<td>University Junior Orchestra Eduardo Mata</td>
</tr>
<tr>
<td>Restaurants</td>
<td></td>
<td></td>
<td>UNAM International Film Festival</td>
<td></td>
<td>University’s Cultural Center Tlatelolco</td>
<td>Philarmonic Choir of UNAM</td>
</tr>
</tbody>
</table>

- Arts Performance
  - **Music**
    - UNAM’s Philharmonic Orchestra (OFUNAM)
    - Symphonic Orchestra Palacio de Minería
    - University Junior Orchestra Eduardo Mata
    - Philharmonic Choir of UNAM
  - **Sala Nezahualcóyotl** (Concert Hall)
  - **Sala Carlos Chávez** (Concert Hall)
  - **Simón Bolívar Amphitheater** and **Generalito Hall** 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**
  - Dance Department
  - Miguel Covarrubias Dance Hall
NATIONAL SERVICES PROVIDED

- Seismological Service
- National Astronomical Observatory
- National Botanical Garden
  - National Library
- National Newspaper and Periodicals Library
  - National Mareographic Service
  - National Herbarium
  - 4 ecological reserves
- Monitoring of the Popocatepetl Volcano
  - Dentistry & Health Clinics
INTERNATIONAL PRESENCE

11 UNAM HEADQUARTERS ABROAD

NORTH AMERICA
- UNAM - San Antonio
- UNAM - Chicago
- UNAM - Los Angeles
- California State University, Northridge
- UNAM – Seattle
- University of Washington
- UNAM – Tucson
- University of Arizona
- UNAM – Canada (Ottawa)

LATIN AMERICA
- UNAM - Costa Rica (San José)
- University of Costa Rica

ASIA
- UNAM - China (Beijing)
- Beijing Foreign Studies University

EUROPE
- UNAM - United Kingdom (London)
- King’s College London
- UNAM - Spain (Madrid)
- Cervantes Institute, Madrid.
- UNAM - France (Paris)
- Paris-Sorbonne University

NEXT
- UNAM – Boston
  University of Massachusetts
- UNAM – Germany
  Freie University
- UNAM – South Africa
  Witwatersrand University

Coordinación de Relaciones y Asuntos Internacionales
Head Office of International Affairs
INTERNATIONAL PRESENCE AT UNAM

INTERNATIONAL UNIVERSITY HEADQUARTERS UNIT

10 Partners from:

- France
- United States
- Canada
- United Kingdom
- Spain
- Holland
- Jamaica

collaborating in our main campus

www.global.unam.mx
## Criteria to develop strategies for international cooperation

<table>
<thead>
<tr>
<th>Criteria</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.- Academic</td>
<td>Academic performance and position in Rankings</td>
</tr>
<tr>
<td>2.- Cultural</td>
<td>Historical and geographical context</td>
</tr>
<tr>
<td>3.- Financial</td>
<td>Economic relevance and budget availability</td>
</tr>
<tr>
<td>4.- Political</td>
<td>Diplomatic conditions and mutual interest</td>
</tr>
<tr>
<td>5.- Regional context</td>
<td>Opportunities identified by the Presidency, academic entities, governments and international organizations</td>
</tr>
</tbody>
</table>
# Universities position in Rankings

## Academic Criteria:

### QS World University Ranking
1. Academic reputation (40%)
2. Employer reputation (10%)
3. Student-to-Faculty Ratio (20%)
4. Citations per Faculty (20%)
5. International faculty ratio (5%)
6. International student ratio (5%)

### Academic Ranking of World Universities (ARWU)
1. Quality of education (10%)
2. Quality of Faculty (40%)
3. Research output (40%)
4. Per capita performance (10%)

### Center for World University Rankings (CWUR)
1. Quality of education (25%)
2. Alumni employment (25%)
3. Quality of Faculty (25%)
4. Publications (5%)
5. Influence (5%)
6. Citations (5%)
7. Broad impact (5%)
8. Patents (5%)

### Times Higher Education (THE)
1. Teaching (30%)
2. Research (30%)
3. Citations (30%)
4. International Outlook (7.5%)
5. Industry income (2.5%)

## UNAM at the Rankings

<table>
<thead>
<tr>
<th>QS</th>
<th>ARWU</th>
<th>CWUR</th>
<th>THE</th>
</tr>
</thead>
<tbody>
<tr>
<td>128</td>
<td>175</td>
<td>314</td>
<td>501-600</td>
</tr>
</tbody>
</table>

**395**

Coordinación de Relaciones y Asuntos Internacionales
Head Office of International Affairs
Study group: the best 985 classified universities

To prioritize these universities in the following groups:

- **Class 1**: 1 – 200
- **Class 2**: 201 – limit of UNAM average position (395)
- **Class 3**: below of UNAM average position (396–985)
Distribution of 985 universities at the study group
# Study group by region and class

<table>
<thead>
<tr>
<th>Region</th>
<th>Class 1</th>
<th>Class 2</th>
<th>Class 3</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Africa/Asia/Oceania</td>
<td>25</td>
<td>67</td>
<td>251</td>
<td>343</td>
</tr>
<tr>
<td>North America</td>
<td>58</td>
<td>61</td>
<td>54</td>
<td>173</td>
</tr>
<tr>
<td>Europe</td>
<td>49</td>
<td>115</td>
<td>211</td>
<td>375</td>
</tr>
<tr>
<td>Latin America / Spain / Portugal</td>
<td>1</td>
<td>19</td>
<td>74</td>
<td>94</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>133</strong></td>
<td><strong>262</strong></td>
<td><strong>590</strong></td>
<td><strong>985</strong></td>
</tr>
</tbody>
</table>
United States, Spain and France concentrate the greater proportion of joint publications at *Web of Science*
Establishment of a UNAM office in Canada (since 1995)

• Gatineau, next to Ottawa, was selected.

• Large and dynamic Latin community in several cities.

• Great interest for Mexico of Canadian institutions.
North America’s Universities top ranking
## Universities with agreement and places occupied for student mobility 2016

<table>
<thead>
<tr>
<th>Weighted average Ranking</th>
<th>University</th>
<th>Agreement</th>
<th>Places Autumn</th>
<th>Places Spring</th>
<th>Research Methods</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>McGill University</td>
<td>✓</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>1</td>
<td>University of Alberta</td>
<td>✓</td>
<td>2</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>1</td>
<td>University of British Columbia</td>
<td>✓</td>
<td>1</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>1</td>
<td>University of Montreal</td>
<td>✓</td>
<td>5</td>
<td>9</td>
<td>1</td>
</tr>
<tr>
<td>1</td>
<td>University of Toronto</td>
<td>✓</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>2</td>
<td>University of Calgary</td>
<td>✓</td>
<td>1</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>University of Saskatchewan</td>
<td>✓</td>
<td>0</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td></td>
<td><strong>11</strong></td>
<td><strong>13</strong></td>
<td><strong>11</strong></td>
</tr>
</tbody>
</table>
UNAM presence at consortia

1) Consortium of Alberta, Laval, Dalhousie and Ottawa (CALDO) [http://caldo.ca/](http://caldo.ca/)


3) Bureau de Coopération Interuniversitaire (formerly known as CREPUQ, Conference of Rectors and Principals of Quebec Universities) [http://www.bci-qc.ca/en/](http://www.bci-qc.ca/en/)

Universidad Nacional Autónoma de México.
Edificio CIPPS-Planta Baja,
Unidad Internacional de Sedes Universitarias.
Circuito Cultural, sin número (Frente a UNIVERSUM),
Ciudad Universitaria, Coyoacán, C.P. 04510,
Ciudad de México.

Tel. +{(52-55) 56-22-66-66, Ext.82270.

crai@unam.mx
www.crai.unam.mx