

Engineering Management



Start your journey and
give the first step towards
your future as a leader of
positive action.



Great leaders and better people

With more than 55 years of experience, the Universidad Anáhuac offers comprehensive education with an international, entrepreneurial, and innovating vision to become a leader that will transform the society in a positive way.

Accreditation in academic quality

We are part of 3 % of the private institutions with the accreditation "Lisa y Llana", awarded for fulfilling the maximum quality level acknowledged by the Federación de Instituciones Mexicanas Particulares de Educación Superior (Federation of Higher Education Private Institutions of México - FIMPES) and by the Asociación Nacional de Universidades e Instituciones de Educación Superior (National Association of Higher Education Universities and Institutions - ANUIES).

We are a Bicampus University

The Universidad Anáhuac México offers you the possibility to take subjects and use the facilities of its two campuses in Mexico City, strategically located in zones of business and residential development.

- We have free transportation between both campuses.
- In total, between both campuses we have an area of more than 38 hectares with state-of-the-art laboratories and facilities.

School of Engineering

More than five thousand graduates of the School of Engineering are proof of their transforming leadership in their successful professional path. Engineers help the society by solving problems, making decisions, and recreating the world to improve the quality of life of people. Their work is characterized by innovation, functionality, and efficiency, attributes to which the Universidad Anáhuac adds the hallmark of integrity.

Competitive Advantage

Our Faculty

They are frequently involved as speakers in international conferences, and in publications in internationally acknowledged journals.

Conferences and Contests

- Participation of students in national and international presentations and contests.
- Participation of the students in the teams Minibaja, Electratrón, Virtual SAE Formula, and Robotics Association.
- Contests of Engineering projects.

Agreements

- Participation in the Colegio Nacional de Ingenieros Industriales (CINAM).
- Participation in the link project of the MISTI, MIT International Science and Technology Initiatives, a program with the objective of strengthening links between MIT students (Massachusetts Institute of Technology) and higher education institutions and research companies of Mexico.

Engineering Week

Annual conference where business, industrial, and academic leaders give workshops, talks, and presentations. Industrial visits are also organized and the students present high level engineering projects.

Business Links

Corporate and research agreements have been executed with the most important companies of the industry, like Grupo Desc, Telefónica, Siemens, FESTO, ICA Ingeniería, Consorcio ARA, FedEx, Shell, Ford, Daimler, Xerox, Goodyear, Intel, HP, PolyOne, EMC, Chemours, IBM, Seguritech.

Facilities

We offer the following laboratories and workshops that are always equipped with state-of-the art technology:

- Mechanic workshop
- Electronics
- Manufacturing
- Physics
- Chemistry

We have all the material required to carry out the practices of the different courses, as well as computer equipment with a great variety of operating systems installed for the use of students and professors. Likewise, software of the latest generation of general application is available.

Graduate Program in Engineering Management



Analyze Diagnose Decision Making

Graduation Profile

As a Business Engineer, you will learn the following:

- Make decisions at senior management level in a company, whether in the production or services field, by applying engineering knowledge.
- Develop new businesses, products, and services, relying on a robust technological, financial, and human planning base, with a comprehensive and systemic view of the company.
- Analyze and interpret data to offer solutions, plan and solve various business situations, using and developing critical thought.
- Deal with challenges for the sustainable progress of the companies, both in México and in other countries.

Why study Engineering Management at the Universidad Anáhuac México?

- You will study with a balanced syllabus that considers three fundamental areas of the company: Engineering, Businesses, and Human Studies.
- You can take various Business subjects in the best-ranked private universities.
- You will receive personalized attention, both in our Engineering School of the South Campus in México City and a foreign university.

What can you do as a Business Engineer?

- Prepare diagnoses, identify problems, design solutions, and execute comprehensive action proposals in production and/or services companies.
- Plan and direct strategically the companies in their different areas, with the purpose of developing new businesses while optimizing the management and direction of the company where you will provide your services.
- Apply and optimize the new Engineering and Business technologies, such as Artificial intelligence, Machine learning, Blockchain, Big-data, and Internet of things, among others, for the management and optimization of the business processes.

Where can you work?

In any family, private or public sector company, focusing on:

- Productive and transformation processes.
- Management, direction, and optimization of various business processes.
- Identify the main operating and management problems of the companies, proposing feasible solutions.

Curriculum accreditations

01							02							03							04							05							06							07							08							09							BLOCKS																																		
AUGUST – DECEMBER							JANUARY – MAY							JULY – AUGUST							AUGUST – DECEMBER							JANUARY – MAY							JULY – AUGUST							AUGUST – DECEMBER							JANUARY – MAY							JULY – AUGUST							AUGUST – DECEMBER							BLOCKS																											
							Estática							Introduction to Engineering Management							Dinámica							Ecuaciones diferenciales							Finance administration							Reverse engineering for disruptive innovation														Basic Sciences																																									
							9c							3c ING							9c							6c							6c ING							6c														45c																																									
Fundamentos de matemáticas							Communication skills for business														Ingeniería de materiales							Manufacturing operations technology														Supply chain management														Applied Engineering																																									
6c							6c														7c							6c														6c														72c																																									
Sistemas de cómputo y análisis de la información							Álgebra lineal							Análisis de decisiones							Ingeniería de métodos														e-commerce disruptive technologies														Electiva profesional III																																																
6c							6c							6c							7c														6c														6c							Electiva profesional IV																																									
																																																								81.5c																																									
Química							Algoritmos y programación							Probabilidad y estadística							Contabilidad y costos para ingeniería																												Electiva profesional IV																																																
6c							6c							6c							6c																					6c														12 asignaturas																																									
Cálculo diferencial							Cálculo integral							Diseño y desarrollo de productos en 3D							Operations management							Fundamental microeconomics							Enterprise integrated system														Management																																																
6c							6c							6c							6c							6c ING							6c														72c																																																
Diseño por computadora							Design of experiments							Estancia y proyecto en empresas tecnológicas I							Manufactura aditiva														Quality statistical control														Management																																																
3c							6c							6c							6c														6c														7 asignaturas																																																
Ser universitario							Antropología fundamental														Persona y trascendencia							Electricidad y magnetismo							Termodinámica														Professional electives																																																
6c							6c														6c							6c							7.5c														4 asignaturas																																																
Liderazgo y desarrollo personal							Habilidades de emprendimiento														Liderazgo y equipos de altos desempeños							Emprendimiento e innovación							Ética														Projects and stayings in technological companies																																																
6c							3c														3c							6c							9c														2 asignaturas																																																
																																																								Anáhuac Block																																									
																																																								7 asignaturas																																									
																																																								Interdisciplinary block																																									
																																																								3 asignaturas																																									
																																																								15c																																									
39c							48c							9c							49c							43c							12c							46.5c							36c							12c							42c							42c							12c							12c							Total credits = 402.5c						

University Life

Sports

Top 2 private universities and ranked first in the Valley of Mexico. We have more than 20 disciplines and courses to develop your skills in top level sports facilities.

Arts

The School of Arts presents more than 500 artistic productions every year, created in its 540 courses, workshops, and subjects.

Student Relations

Supported by the Federation of Alumni Councils, in charge of promoting, innovating, and creating projects that will strength university life.

Social commitment

We have one of the largest programs of volunteers nationwide, with more than 100 social programs and projects, seeking to transform the future of Mexico and of the society.

Pastoral

Our Catholic identity promotes the search for truth and experience of faith freely through apostolate programs.

Internationalization

An essential part of your education will revolve around international academic experiences like:

- Academic exchanges
- Cultural trips
- Summer courses abroad
- Subjects in other languages
- Professional practices
- Research stays abroad
- Double international degrees
- International contests
- Language courses
- Conferences and meetings



+250

agreements with universities worldwide.

Employability

1,500

job vacancies a month in the Anáhuac Job Development platform.

+7,000

national and international companies in the Anáhuac Job Placement Program.

70 %

of employability of our newly graduated students.

Top 10

in Latin America and 2nd place in the country, acknowledged by the *QS Graduate Employability Ranking*.

Graduates

+55,000

graduates.

23 %

of the chairmen of companies listed in the Mexican Stock Exchange are Anáhuac graduates, representing the university with the highest participation in these positions.



+11 %

of the 300 most influential leaders of Mexico are Anáhuac graduates.

Leadership Programs

The University belongs to one of the 9 diplomas with curricular value that will help in your formation as a leader in specific profiles through the experience of exclusive subjects, international seminars, organization of events and conferences, as well as meetings with directors and personalities of the professional world.

- **ACCIÓN:** Leadership Program in Sport
- **ALPHA:** Leadership Program in Medicine
- **CIMA:** Student Leadership Program
- **CREA:** Leadership Program in Communication
- **CULMEN:** Leadership Program in Art and Culture
- **GENERA:** Business Leadership Program
- **IMPULSA:** Leadership Program in Social Commitment
- **SINERGIA:** Leadership Program in Public Administration
- **VÉRTICE:** Anáhuac Excellence Program

Ranked among the top 3
Universities of Mexico:



Start your admission
process here:



Start living the Anáhuac
experience and be part
of this great community



For further information, visit licenciaturas.anahuac.mx
or contact us at: preuniversitarios@anahuac.mx / +52 (55) 53288012

CAMPUS NORTE

+52 (55) 56270210 ext. 8214 o 8635
Av. Universidad Anáhuac 46, Col. Lomas Anáhuac,
Huixquilucan, Estado de México, CP 52786

CAMPUS SUR

+52 (55) 56288800 ext. 227 o 801
Av. de las Torres 131, Col. Olivar de los Padres,
Álvaro Obregón, CDMX, CP 01780



Vida Anáhuac
Preuniversitario



@vidanahuac