School of
Engineering

Engineering Management

ANÁHUAC

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 Engineering Management

01	02	Summer School	03	04	Summer School
AUGUST – DECEMBER	**JANUARY – MAY**	**JUNE-JULY**	**AUGUST – DECEMBER**	**JANUARY – MAY**	**JUNE-JULY**
Algoritmos y Programación 6c	Estática 9c	*Fundamental microeconomics* 6c | ING	Dinámica 9c	Ecuaciones diferenciales 6c	*Planning and Control* 6c | ING
Sistemas de cómputo y análisis de la información 6c	*Communication skills for business* 6c	*Fundamental marketing* 6c | ING	Ingeniería de materiales 7c	Tecnología de operaciones de manufactura 6c	*Finance* 6c | ING
Cálculo diferencial 6c	Álgebra lineal 6c	*Strategic Management & Consulting Skills* 6c | ING	Análisis de decisiones 6c	Ingeniería de métodos 7c	
Química 6c	Fundamentos de matemáticas 6c		Probabilidad y estadística 6c	Electricidad y magnetismo 6c	
Diseño por computadora 3c	Cálculo integral 6c		Contabilidad y costos para ingeniería 6c	*Operations Management* 6c	
Introduction to Engineering Management 3c	*Design of experiments* 6c		Manufactura aditiva 6c	Humanismo clásico y contemporáneo 6c	
Ser universitario 6c	Antropología fundamental 6c		Ética 9c	Habilidades para el emprendimiento 3c	
			Liderazgo y desarrollo personal 6c		
36c		**55c**	**40c**	**18c**	**49.5c**

05	06	Summer School	07	08	09
AUGUST – DECEMBER	**JANUARY – MAY**	**JUNE-JULY**	**AUGUST – DECEMBER**	**JANUARY – MAY**	**AUGUST – DECEMBER**
Reverse Engineering for disruptive innovation 6c	Análisis de estados financieros 6c	*International and Global Finance* 6c | ING	*Management skills in Engineering* 6c	*Investment projects* 6c	Estancia y proyecto en empresas tecnológicas II 6c
Supply Chain Management 6c	*Leadership and coaching* 6c	*International and Global Economics* 6c | ING	*International and Global Marketing* 6c	*Strategic Marketing* 6c	Electiva profesional 6c MINOR
E-commerce para comercio electrónico 6c	Diseño y desarrollo de productos en 3D 6c		*Big-data and Data science* 6c	*Selected topics in Information Tecnhology* 6c	
Enterprise integrated systems 6c	*Automation and Robotics* 6c		*Fundamental macroeconomics* 6c	*Human Factor Management* 6c	
Quality statistical 6c	Electiva profesional 6c MINOR		*Organizational structure and behavior* 6c	*Artificial Intelligence* 6c	
Termodinámica 7.5c	Liderazgo y equipos de alto desempeño 3c		Electiva profesional 6c MINOR	Electiva profesional 6c MINOR	
Persona y trascendencia 6c			Ingeniería del producto 6c	Estancia y proyecto de empresas tecnológicas I 6c	
Emprendimiento e innovación 6c				Responsabilidad social y sustentabilidad 6c	
33c	**12c**	**42c**	**48c**	**12c**	**12c**

Bloque Profesional = 345.5 créditos Bloque Anáhuac = 42 créditos Bloque Interdisciplinario = 15 créditos **Créditos totales 402.5**

This undergraduate degree program is only a reference and it may vary depending on the Campus where you study.

Seven subjects will be offered in english in a foreign univerisity and sixty subjects will be offered in Spanish and English at the College of Engineering at the South Campus of Universidad Anahuac Mexico.

Estudios con Reconocimiento de Validez Oficial de la Secretaría de Educación Pública por Decreto Presidencial publicado en el D.O.F el 26 de noviembre de 1982.

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 Health Sciences
- **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:

QS WORLD UNIVERSITY RANKINGS®

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

UNIVERSIDAD ANÁHUAC VINCE IN BONO MALUM

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Vida Anáhuac Preuniversitario

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