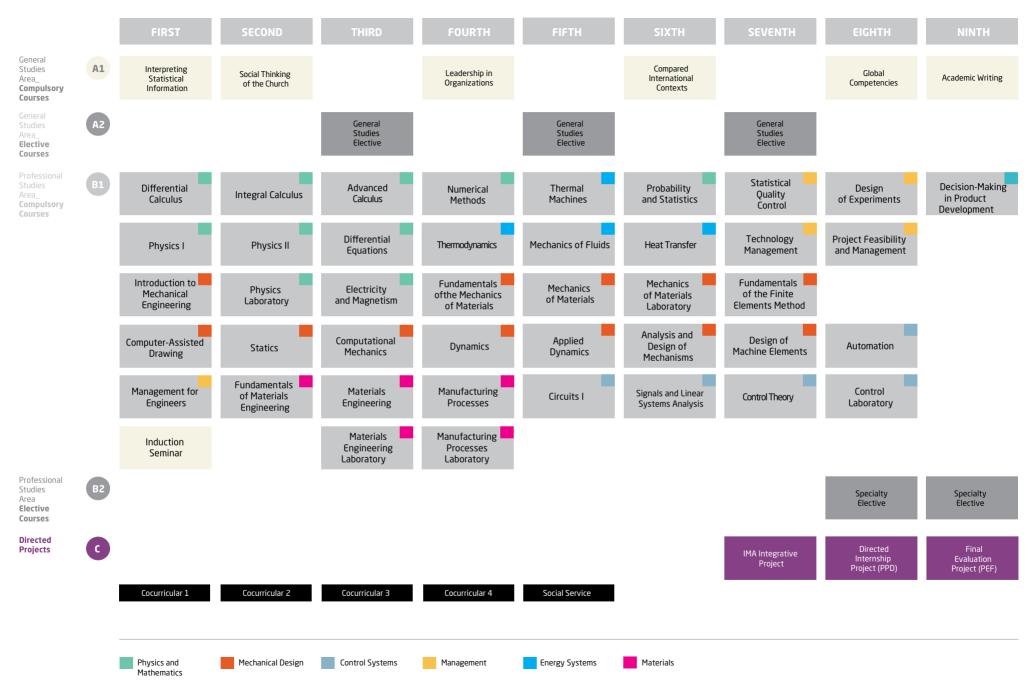
## curricular map

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## Personal Education Plan-

The Personal Education Plan allows you to design a personal, unique plan for your degree program and holistic education. You will have an advisor who will guide you through three phases: decision, consolidation, and success. Through these phases, you will be able to make decisions on courses, formative activities, opportunities to go on exchange, and everything that UDEM offers you to reach your full potential.

udem.edu.mx/planpersonal

## Elective general studies courses—

Elective professional studies courses—

As part of your academic plan, you are entitled to choose 3 elective competency courses throughout your degree program. The following are the elective courses for the Bachelor's Degree program in Mechanical Engineering and Administration.

## - Selected Studies in Art

- Current Studies in Art
- General Art Studies
- Ideology in Images
- Art After the Cold War
- History of Photography
- The Classical World
- Fundamentals of Administration
- Human Capital Management
- Marketing
- Tourism
- Selected Studies in Natural Sciences
- Current Studies in Natural Sciences
- General Studies in Natural

As part of your academic plan, you

are entitled to choose three

- Automation Laboratory

professional specialty courses:

- Computer-Aided Engineering

- Sciences - Human Anatomy
- Nutrition

Analysis

- Preventive Stomatology I
- Biochemistry - Research
- Chemistry
- Effective Communication
- Oral Communication
- Financial Information in
- Business
- Financial Analysis
- General Sociology
  - Selected Studies in Social
  - Sciences
  - Current Studies in Social Sciences
  - General Studies in Social
  - Sciences
  - Sociology of Culture
  - Introduction to Anthropology
  - Modern World History
  - Introduction to Political Science
  - Political Geography
  - Theory of the State and
  - Public Administration

- Structural Optimization

- Composite Materials and

- Electrical Machines and Facilities

Nanotechnology

- Circuit Analysis II

- Tribology

- IIntroduction to International
- Relations
- Mexican Political System

- Society and Culture in Europe
- Asian Society and Culture
- Introduction to Law
- Industrial and Intellectual
- Property Legislation
- Fundamental Human Rights and Citizenship
- History of Juridical Institutions
- General Criminal Law
- Person and Family
- Constitutional Law
- Economy and Business in the Asian Market
- Economy and Business in the
- European Market - Computational Mathematics
- Selected Studies in Exact
- Sciences - Current Studies in Exact
- Sciences
- General Studies in Exact
- Sciences

Technologies

Technologies

Technologies

- Quantitative Tools for
- Business
- Mathematics for Architecture
- and Design

- General Studies in Engineering and

- Selected Studies in Engineering and

- Current Studies in Engineering and

- Statistics
  - Basic Electronics
  - Astronomy
  - Mexican Studies
  - Current Studies in the Humanities
  - General Studies in the Humanities

  - Literature
  - Study of Religions
- Ethics of Organizations
- Sociology of Organizations
  - Basic English
- Intermediate English
- Advanced English
- Introduction to Spanish
- Basic Spanish
- Pre-Intermediate Spanish
- Intermediate Spanish - Upper-Intermediate Spanish
- Advanced Spanish
- Upper-Advanced Spanish
- Life and Culture in Mexico
- Introductory French - Elementary French
- Pre-Intermediate French

- French Reading and Composition - Introductory German

- Intermediate French

- Elementary German

- Intermediate German

- Upper-Intermediate French

- Upper-Elementary German

- Pre-Intermediate German

- Upper-intermediate German

- Introductory Mandarin Chinese

- High Elementary Mandarin Chinese

- Low Intermediate Mandarin Chinese

- Elementary Mandarin Chinese

- Professional Writing in English

- Preparing and Delivering

Presentations in English

**Business English** 

and Distribution

Use

- Effective Communication in

- TOEFL Success Preparation

- Studies in Renewable Energy

- Studies in Energy Production

- Studies in Sustainable Energy

- Sustainable Development

- Selected Behavioral

- Current Behavioral

- General Behavioral

- Psychology of Learning

- Technological Tools for

- Development of Interpersonal

- Trends in Science and Technology

- Social Psychology

Productivity

Contact

Tel. (81) 8215 - 1851

Bachelor's Degree in Mechanical

**Engineering and Administration** 

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Alberto Hussein De la Torre Sotelo

- Psychology of the Child and Adolescent

Studies

Studies

Studies - General Psychology

Skills

- Selected Studies in the Humanities
- Sources of Western