

curricular map

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		FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH	NINTH
General Studies Area - Compulsory Courses	A1	Global Competencies	Leadership in Organizations	Academic Writing					Social Thinking of the Church	
		Interpreting Statistical Information	Compared International Contexts							
General Studies Area - Elective Courses	A2					Elective Course		Elective Course		Elective Course
Professional Studies Area - Compulsory Courses	B1	Introduction to Business Management Engineering	Integral Calculus	Linear Algebra	Introduction to Economics	Systems Theory	Organizational Management and Behavior	Technology Management	Strategic Planning	Strategic and Operational Planning
		Management for Engineers	Classical Mechanics	Industrial Security	Fluids and Thermodynamics	Production Planning and Control	Social Entrepreneurship	Business Plan	Total Quality Management and Six Sigma	Legal Business Environment
		Manufacturing Processes and Materials	Introduction to Finance	Methods Engineering	Probability and Statistics	Plant Design	Improving Administrative Systems	Simulation	Quality Systems	
		Differential Calculus	Human Capital Management	Marketing	Administrative Accounting	Operations Research	Logistics and Supply Chain	Analysis and Feasibility of Investment Projects		
			Manufacturing Processes Laboratory	Costs for Decision-Making	Linear Programming	Innovation and Business Models	Forecasting Models for Business Decisions	Project Management Fundamentals		
				Foundations of Programming	Quality, Productivity, and Competitiveness		Advanced Statistical Quality Control Tools			
Professional Studies Area - Elective Courses	B2							Professional Concentration Elective Course	Professional Concentration Elective Course	
Internship and PEF	C							Directed Internship - Bachelor of Business Management Engineering	Final Evaluation Program - Bachelor of Business Management Engineering	

- Engineering
- Physics and Mathematics
- Administration
- Economía y Finanzas
- Technologies
- Law

Bachelor's Degree in Business Management Engineering

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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—

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 Business Management Engineering.

NATURAL AND EXACT SCIENCES

- Human Anatomy
- Nutrition
- Preventive Stomatology I
- Biochemistry
- Research
- Chemistry
- Differential Calculus
- Computational Mathematics
- Mathematical Logic
- Differential and Integral Calculus
- Statistics
- Basic Electronics
- Astronomy
- Sustainable Development
- Technological Tools for Productivity
- Trends in Science and Technology

SOCIAL AND BEHAVIORAL SCIENCES

- Fundamentals of Administration
- Human Capital Management
- Marketing
- Tourism
- Introduction to Finance
- Sociology of Culture
- Introduction to Anthropology
- Introduction to International Relations
- History of Juridical Institutions
- General Criminal Law
- Person and Family
- Mexican Studies
- General Psychology
- Psychology of the Child and Adolescent
- Psychology of Learning
- Social Psychology
- Development of Interpersonal Skills

ARTS AND HUMANITIES

- Ideology of Images
- Art after the Cold War
- History of Photography

- The Classical World
- Effective Communication
- Oral Communication
- Sources of Western Literature
- Study of Religions
- Ethics of Organizations
- Sociology of Organizations
- Introductory French
- Elementary French
- Pre-Intermediate French
- Intermediate French
- Upper-Intermediate French
- French Reading and Composition
- Introductory German
- Elementary German
- Upper-Elementary German
- Second Language Certification

Elective professional studies courses—

As part of your academic plan, you are entitled to choose two professional specialty courses:

- Entrepreneur Development I
- Entrepreneur Development II
- Implementation and Launching of New Companies
- Lean Manufacturing
- Lean Manufacturing for Operational Excellence
- Operations Management for Service Companies
- Select Topics in Engineering and Technologies
- Modern Topics in Engineering and Technologies
- Advanced Topics in Engineering and Technologies
- International Trade
- Logistics of International Trade
- Technologies for Supply Chain Management

Contact Information—

Bachelor's Degree in
Business Management
Engineering
Fabricio Fernández Ríos
fabricio.fernandez@udem.edu
Tel. (81) 8215-1263