At Tecnológico de Monterrey, Mexico City Campus, we have a wide variety of courses taught in English, and we strive to increase our course offer every year. The updated list for each term can be reviewed at our Study in Mexico webpage which can be found in the following link: https://prd28pi01.itesm.mx/Recepcion/StudyInMexico?ln=es however we provide a list of the courses we offered during 2019 for an easier review.

The list is divided in six main fields, each with its own departments:

Humanities & Education: Humanistic Studies, Languages, Media and Digital Culture

Social Sciences & Government: Law, Political Science and International Relations, and Economy

Business: Accounting and Finance, Entrepreneurship, Management and Leadership, Marketing and Analysis, and International Business and Logistics.

Architecture & Design: Architecture, Arts, and Design.

Engineering & Science: Bioengineering, Sciences, Computer Sciences, Industrial Engineering, Mechatronics, Sustainable Technologies and Civil Engineering, and Mechanics and Advanced Materials.

Medicine & Health Sciences: Basic Sciences, Health Sciences, Clinical Psychology and Health, and Nutrition and Wellness.

HUMANITIES AND EDUCATION

Humanistic Studies

Code	Course Name	Spring	Summer	Fall
H1018	Ethics, Self and Society	x		x
H2006	Contemporary Literature and Society			x

Languages

Code	Course Name	Spring	Summer	Fall
HI1004	Basic Spanish I	x	x	x
HI2015	Intermediate Spanish I	x		x
HI3010	Advanced Spanish I	x		
HI3011	Advanced Spanish II			x

Media and Digital Culture

Code	Course Name	Spring	Summer	Fall
AT2006	Theory and Practice of Sound			x
AV2005	Biomechanics	x		x
AV2009	Media Projects Management and Evaluation	x		
AV3008	Documentary Production	x		

Media and Digital Culture

Code	Course Name	Spring	Summer	Fall
AV3011	Design and Production of Communication for Organizations	x		x
CO2003	Quantitative Social Research Methods	x		x
CR2001	Corporate Image	x		x
CR2003	Applied Strategic Communication	x		
H2035	Music Appreciation II			x
IM1002	Applied Music Theory Workshop	x		x
IM2004	Ear/Instrumental Training Lab	x		x
IM2005	Audio Programming	x		
IM3006	Digital Audio Systems for Web and Mobile Devices			x
IM3007	Music Composition and Digital Arranging Workshop	x		

SOCIAL SCIENCES & GOVERNMENT

Economy

Code	Course Name	Spring	Summer	Fall
EC1008	Enterprise Economics	x		x
EC1009	Macroeconomic Environment	x		x
EC1010	Economy to Business Creation			x
EC2009	Intermediate Microeconomics	x		x
EC2027	Corruption: Causes and Consequences		x	
EC3008	Time Series Analysis			x
EC3014	Regional Economics	x		x
EC3028	Economic Development	x		x
EC3033	Natural Resources Economics and Sustainability			x

Law

Code	Course Name	Spring	Summer	Fall
D1012	Constitutional Law	x		
D1022	Business Law and Intellectual Property	x		
D2024	Intellectual Property Law	x		x
D2026	International Criminal Law	x		
D2028	Legal and Diplomatic Aspects of Cultural Heritage			x
D3012	English for Lawyers	x		
D3028	Alternatives for Dispute Resolution	x		x
D3038	Regulation of Economic Competition			x

Political Science & International Relations

Code	Course Name	Spring	Summer	Fall
P2001	State and Economy			x
RI1004	International Politics	x		x
RI2008	North American Regional Scenario	x		
RI2014	International Organizations and Institutions	x		x
RI2031	Geopolitics and Global Changes	x		x
RI2032	International Relations Theory I	x		x
RI2034	Negotiation and Conflict Management	x		
RI2038	Gender Studies in Global Perspective			x
RI3002	Africa Regional Scenario			x
RI3005	Strategic Prospective			x
RI95002	Human Rights and World Politics		x	
RI3000	Environment and International Relations	x		

BUSINESS

International Business & Logistics

Code	Course Name	Spring	Summer	Fall
NI1001	Enterprise, Culture and Business in The World	x		x
NI1002	Negotiation Techniques and International Trade	x		x
NI2017	Competitive Intelligence and Geo-economics	x		x
NI2018	Analysis and Management of the Value Chain	x		x
NI3035	Intercultural Negotiation and Communication	x	x	x
NI3037	International Services Development			x
NI3038	International Business Intelligence			x
NI3039	International Business Management			x

Entrepreneurship

Code	Course Name	Spring	Summer	Fall
DE3013	Pre-Incubation and Business Feasibility	x		
DE3015	Business Incubation and Starting Up Strategic Operations			x
DE3017	Strategies for Market Positioning	x		x
EM1006	Social Entrepreneurship	x	x	x
EM3004	Leadership for Entrepreneurial Development	x		
EM95090	Personal and Executive Leadership	x		x

Accounting and Finances

Code	Course Name	Spring	Summer	Fall
CF2015	Financial Information Analysis	x		x
CF2018	Strategic Information Systems	x		x
FZ1005	Financial Mathematics	x	x	x
FZ1006	Personal and Business Finance	x		x
FZ2013	Regulation and Structure of Financial Institutions	x		x
FZ2016	Project Valuation and Financing	x		
FZ3003	Corporate Finance and Financial Markets Seminar			x
FZ3026	Valuation, Mergers and Acquisitions	x		x
FZ3029	International Finance and Risk Management	x	x	x
FZ3030	Financial Modeling	x	x	x

Management and Leadership

Code	Course Name	Spring	Summer	Fall
AD1005	Management and Business Model Innovation	x		
AD2005	Human Resources Management	x		x
AD2011	Innovation, Markets and Technological Development	x	x	x
AD2013	Project and Process Strategic Management	x		x
AD2014	Business in the Industry of Music and Entertainment	x		x
AD3018	Planning Processes and Models	x		x
AD3022	Administrative Consultancy and Business Intelligence	x		x
AD3024	Planning, Innovation and Strategic Sustainability			x

Marketing and Analysis

Code	Course Name	Spring	Summer	Fall
CD1003	Statistical Methods for Decision Making	x		x
CD2006	Forecasting for Decision Making			x
CD2007	Quantitative and Optimization Models	x		x
CD3002	Store Management and Customer Service			x
MT1003	Marketing and Creativity	x		x
MT2006	Consumer Behavior	x		x
MT2007	Qualitative Marketing Research	x		
MT2009	B2B Marketing			x
MT2010	International Marketing		x	x
MT2019	Advertising and Interactive Media	x		

Marketing and Analysis			
Code	**Course Name**	**Spring**	**Summer**	**Fall**
MT2020	Strategic Services Marketing	x		x
MT2025	Consumer Behavior and Market Intelligence	x		x
MT3019	Digital Commerce and Sales	x		x
MT3023	Global Brands and Product Development	x		x
MT3029	Digital Marketing	x		x
MT3031	Integrated Advertising Project			x
MT95018	Brand Management	x		
MT95024	Modern Trends in Marketing	x		x
MT95036	Introduction to Retailing	x		
MT95053	Image and Communication	x	x	x

ARCHITECTURE AND DESIGN

Art			
Code	**Course Name**	**Spring**	**Summer**	**Fall**
A2010	Form Exploration	x		
AT1004	Introduction to 3D	x		
AT2000	Digital Modelling	x		
H2003	Contemporary Art and Society	x		
H2022	History of Art	x		

Architecture			
Code	**Course Name**	**Spring**	**Summer**	**Fall**
AR1010	History of Architecture and the City II	x		
AR1015	Architectural Drawing	x		
AR1017	Computer-aided Drawing	x		
AR1018	Architecture Theory and Design Methodologies			x
AR2004	Digital Visualization	x		
AR2018	Projects I: Residential Housing	x		x
AR2022	Projects III: Educational or Recreational Buildings	x		
AR2024	Projects IV: Community Buildings			x
AR2027	Building Information Modeling	x		
AR3006	Urban Design Methods	x		
AR3014	Projects V: Mixed-use Complexes			x
AR3015	Theory and Practice of Sound	x		

Architecture

Code	Course Name	Spring	Summer	Fall
AR3018	Biomechanics	x		
AR3019	Real-estate Projects	x		x
AR3020	Capstone Projects II	x		x
AR3026	BIM Integration Technologies for Design and Architectural Analysis			x

Design

Code	Course Name	Spring	Summer	Fall
DL1013	Design and Ethnography Methods	x		
DL3023	Advance Design	x		

ENGINEERING AND SCIENCES

Mechanics and Advanced Materials

Code	Course Name	Spring	Summer	Fall
M2003	Energy Generation Systems	x		
M2004	Aeronautics Fundamentals			x
M2016	Thermodynamics Engineering			x
M2023	Mechanics of Materials			x
M2025	Numerical Methods in Engineering	x		
M2026	Advanced Methods for Strength of Materials	x		x
M3014	Manufacturing Processes Laboratory	x		
M3017	Heat Transfer	x		
M3031	Structural Analysis of Airships	x		

Bioengineering

Code	Course Name	Spring	Summer	Fall
BT1002	Genetics			x
BT1003	Molecular Biology			x
BT1003	Molecular Biology	x		x
BT1007	Microbiology Laboratory	x		
BT1009	Biology and Sustainable Development	x		
BT2003	Microbiology			x
BT2004	Bioprocess Engineering I	x		
BT2008	Pharmaceutical and Nutraceutical Biotechnology	x		

Bioengineering

Code	Course Name	Spring	Summer	Fall
BT2011	Bioseparations			x
BT3002	Brief Systemic Therapy	x		x
BT3006	Pharmaceutical and Nutraceutical Biotechnology			x
BT3010	Bioseparations			x
BT3011	Applied Robotics Workshop	x		
BT3013	Bioprocess Laboratories	x		x
BT3019	Immunological Techniques	x		
TA2008	Food Chemistry Laboratory	x		
TA2015	Food Sciences	x		
TA2016	Food Sciences Lab	x		

Mechatronics

Code	Course Name	Spring	Summer	Fall
BI2004	Design in Biomedical Engineering	x		x
BI2005	Biomechanics			x
BI3005	Cardiovascular Engineering	x		x
BI3008	Medical Images Processing and Analysis			x
BI3013	Medical Imaging			x
MR1001	Industrial Informatics	x		
MR2000	Logic Automatisms	x		x
MR2002	Logic Automatism Laboratory	x		
MR2003	Actuators	x		
MR2005	Mechatronic Instrumentation Laboratory	x		x
MR2007	Computerized Control	x		
MR2012	Process Automation	x		x
MR2015	Process Automation Laboratory	x		x
MR2019	Industrial Networks Project	x		
MR3012	Mechatronics Laboratory	x		x
MR3026	Automation of Manufacturing Systems	x		
MR3028	Control Engineering Laboratory	x		
MR3029	Integral Automatic Control Laboratory	x		
TE1003	Electronics	x		x
TE1014	Electric Circuits and Measurements Laboratory	x		
TE2035	Analysis of Signals and Systems			x

Mechatronics

Code	Course Name	Spring	Summer	Fall
TE2043	Power Electronics			x

Computer Science

Code	Course Name	Spring	Summer	Fall
CS95003	Applied Robotics Workshop			x
TC1014	Programming Fundamentals	x		x
TC1015	Introduction to Interactive Design	x		
TC1017	Problem Solving with Programming	x		x
TC1020	Databases	x		x
TC2011	Intelligent Systems			x
TC2016	Object-Oriented Programming	x		
TC2017	Analysis and Design of Algorithms	x		x
TC2018	Introduction to Networks	x		x
TC2020	Computational Mathematics			x
TC2021	Programming for Digital Artist			x
TC2022	Network Interconnection	x		x
TC2025	Advanced Programming	x		
TC3022	Computer Graphics	x		x
TC3041	Advanced Database Systems			x
TC3050	Robot Vision			x
TE1010	Digital Systems	x		
TE2023	Microcontrollers	x		x

Industrial Engineering

Code	Course Name	Spring	Summer	Fall
IN1002	Systems Engineering Laboratory	x		x
IN2004	Statistical Quality Control	x		x
IN2005	System Dynamics	x		x
IN2019	Metrology Laboratory	x		x
IN2020	Inventory Management	x		x
IN2021	Production Management	x		x
IN2023	Design and Analysis of Experiments	x		x
IN2026	Statistical Engineering			x
IN2028	Knowledge Systems in Organizations	x		x
IN2030	Manufacturing Models			x

Industrial Engineering

Code	Course Name	Spring	Summer	Fall
IN3013	Integrated Manufacturing Systems Laboratory	x		x
IN3015	Integrated Manufacturing Systems	x		x
IN3035	Analysis and Enhancement of Manufacturing Systems	x		x
IN3037	Design and Improvement of Logistic Systems	x		x
IN3038	Operational Design and Optimization Laboratory	x		x
IN3039	Problem-Solving Methodologies	x		
IN95022	Introduction to Supply Chain Management	x		
IN95034	Logistics			x

Sciences

Code	Course Name	Spring	Summer	Fall
F1003	Physics II	x		x
F1005	Electricity and Magnetism	x		x
MA1016	Mathematics I	x		
MA1018	Mathematics II	x		
MA1019	Linear Algebra	x		x
MA2009	Mathematics III			x
MA2010	Differential Equations			x
Q1004	Chemistry Laboratory	x		
Q1005	Chemistry of Materials	x		
Q1007	Structural Organic Chemistry	x		
Q1010	Analytical Chemistry	x		x
Q2015	Physical Chemistry Measurements Laboratory			x

Sustainable Technologies and Civil

Code	Course Name	Spring	Summer	Fall
CV3022	Business Management in the Construction Industry	x	x	x
DS1002	Ecosystems and Biodiversity	x		
DS1004	Sustainable Development Principles			x
DS1005	Climate Change and Energy Use	x		
DS3003	Social Responsibility and Corporate Sustainability		x	
DS3004	Businesses and Ecosystems Conservation	x		
IQ2001	Thermodynamics	x		
IQ3004	Eco-efficiency and Sustainable Processes			x

MEDICINE & HEALTH SCIENCES

Code	Course Name	Spring	Summer	Fall
MD1036	Basic Morphophysiology	x		
MD1045	Vital Processes	x		
MB2047	Pathophysiology of Respiratory System			x
CC2019	Brief Systemic Therapy			x

The course offering showed here corresponds to the academic offering in English during the year 2019 at **Mexico City Campus**, therefore it is for informative purposes only and courses might change year to year.

We encourage our students to get approval for at least 12 courses from their Home University in case one of the selected courses is full, closed, overlapping or offered in a different language.

Should you require further information, please contact the International Programs Office

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