

Univerdad Tecmilenio Course List

International Admissions approved credit conversion rate: each course = 2 ASU credits each, based on credits/degree (*Credit conversion is subject to change at time of admission depending on official transcript from institution, equivalencies are dependent on sufficient credit hours)

Key	Subject	Content Similar to that of ASU	Description
Computer Management Engineering			
LTSO1801	Introduction to the University	Elective Credit	Students will be able to: Recognize their learning skills and identify the tools provided by the University to potentiate them, to establish a life and career plan according to their purpose in life, and to develop strategies to successfully fulfill them.
LTPS1803	Principles of Well-Being and Happiness	Elective Credit	Students will be able to: Understand the basic concepts of happiness and emotions and apply the tools derived from these principles in their daily lives for the benefit of their own health and wellness.
LTHP1804	Verbal Skills	Elective Credit	Students will be able to: Develop the necessary skills to adequately express themselves orally and in writing in order to establish an effective interpersonal communication.
LTMA1808	Logical Mathematical Reasoning	Elective Credit	Students will be able to: Develop analytical skills, reasoning, facts application, graphic and spatial discrimination in order to increase their ability to solve problems in real life and have a logical sequential thinking.
LTTI1803	Digital Skills	Elective Credit	Students will be able to: Recognize their computer skills to potentiate their academic and professional development.
LTMA1804	Math Basics	MAT Department Elective	Students will be able to: Understand and solve problems involving concepts Univariate differential and integral calculus in order to solve real life problems by applying these disciplines.
LTGO1801	Costs and Accountability	ACC Department Elective	Students will be able to: Analyze and use accounting and costing systems to estimate the cost of a product or service, valuing inventories, keep track of income, expenses, sales profits in order to know if a business / company is profitable, and to identify areas of opportunity to be competitive.
LTHP1801	Effective Communication	Elective Credit	Students will be able to: Efficiently convey their ideas in different contexts applying theoretical elements of oral and written communication skills to be able to persuade various audiences on the importance of their arguments, convey ideas and thoughts effectively and properly use electronic media in order to achieve excellent understanding by the recipients.
LTAD1801	Administration Basics	MGT Department Elective	Students will be able to: Understand the importance and scope of this discipline and create value in organizations through its main processes (planning, organizing, directing and controlling), identifying the nature and purpose of all the applied skills for the main business areas. This in order to streamline the production process of an organization.
LTTI1806	Information Technologies in Organizations	CIS Department Elective	Students will be able to: Propose negotiating strategies for the benefit of the organization, applying the administrative concepts and tools of information technology that allow their transformation.
LTHP1803	Effective Presentations Workshop	COM Department Elective	Students will be able to: Structure any information using the tools and knowledge acquired, in a practical and simple way, so that it is easily understood by the audience to which it is addressed.
LTMA1806	Financial Mathematics	Elective Credit	Students will be able to: Solve financial problems in order to facilitate decision-making, using mathematical models to quantify the value of money over time.
LTTI1805	Computer Organization	CSE Department Elective, IFT Department Elective	The student will be able to: Learn the architecture and organization of computers using the concepts of computational organization, in order to understand how single-core, multi-core and graphics processors are structured, as well as the structuring of memory systems and representation of data in a computer system.
LTTI1802	Basics of Programming	CSE Department Elective (Computers/Statistics)	Students will be able to: Solve problems using a modern programming language (like C ++), applying logic and algorithms in their solutions in order to have an adequate computer programming.
LTMA1803	Statistics and Forecasts for Decision-Making	STP Department Elective	Students will be able to: Apply quantitative forecasting methods to support the decision making process in various environments, properly using tools and basic methodologies of parametric statistics and appropriate computer programs.
LTTI1812	Object-Oriented Programming	CSE Department Elective	Students will be able to: Apply the concepts of object orientation for problem solving using a programming language that uses this paradigm.
LTTI1804	Interactive Design	GIT Department Elective	Students will be able to: Apply the basic principles of user-centered design in order to create prototypes for the development of interactive applications where the user profile and its environment is considered.
LTAD1811	Planning of Business Project	MGT Department Elective, OGL Department Elective	Students will be able to: Develop the planning of a project using tools, techniques and standards for the optimization of processes and resources.
LTLI1801	Management and Leadership Styles	Upper Division OGL Department Elective	Students will be able to: Develop and implement skills, behaviors and leadership styles properly in order to influence, motivate and encourage employees toward achieving objectives within a harmonious working environment fostered by teamwork and positive interpersonal relationships.
LTTI1813	Operating Systems	Elective Credit	Students will be able to: Understand the components of a computer operating system with a processor and multiprocessor, single-user and multi-user, by learning the features of an operating system.
LTTI1811	Introduction to Software Engineering	Elective Credit	Students will be able to: Understand the basic concepts that govern the lifecycle of software development through an analysis of a software system in order to be able to design, implement and maintain such system.
LTAD1802	Modeling of Business Processes	MGT Department Elective	Students will be able to: Analyze, design and propose improvements in business processes of a company through business process management in order to implement innovative ideas in company procedures.
LTTI1808	Databases	Upper Division IFT Department Elective	Students will be able to: Understand the fundamental theory of database systems for building a database through the analysis of the fundamentals of information banks.
LTAD1805	Business Information Systems	Upper Division CIS Department Elective	Students will be able to: Understand the characteristics of enterprise information systems to select effectively as a solution to a problem the company through the different types of system, assessment and selection and implementation.
LTTI1810	Information Technology Project Management	Elective Credit	Students will be able to: Manage information technology projects effectively within organizations through knowledge and application of the methodology in order to carry out the objectives of an IT solution in any company.
LTTI1814	Network Administration	Upper Division IFT Department Elective	Students will be able to: Understand the framework and regulations for access control; use tools to implement the standard for sending diagnostic messages and log activity on a network; access monitoring operation data networks; security data network intrusion detection (IDS intrusion detection system); and private virtual networks through the basics of network management.
LTTI1809	Basics of Networking	IFT Department Elective	Students will be able to: Understand the basics of local networks and communication protocols and standards through networking fundamentals in order to share databases, software and peripherals.
LTTI1816	Information Technology Governance	Elective Credit	Students will be able to: Understand the need to establish regulations on the use and management of information technology within an organization to ensure quality in their operations through information technology governance.
LTFZ1805	Evaluation of Projects and Funding Sources	Upper Division MGT Department Elective, OGL Department Elective	Students will be able to: Understand and apply the main techniques of project evaluation, describing its scope and limitations in various situations, including inflation or uncertainty periods, in order to evaluate the various financing alternatives.
LTTI1817	Informatic Security	CIS Department Elective	Students will be able to: Establish a strategic model for information security aligned with the needs of organizations in order to develop a plan for business continuity, an access control procedure and a security monitoring procedure through the basics of information security.
LTTI1815	Management Technology Services	CIS Department Elective	Students will be able to: Understand the scope of the IT needs of the organization to effectively manage IT services.
LTAD1812	Planning of Corporate Project	Upper Division MGT Department Elective	Students will be able to: Develop the planning of a project using tools, techniques and standards for the optimization of processes and resources.
LTHU1801	Professional and Citizenship Ethics	Upper Division PHI Department Elective	Students will be able to: Reflect, within the concept of personal and social values of a globalized world, about the implications and ethical commitments they have with themselves and with others in order to behave within moral values.
LTTI1819	Identification of Digital Business	CIS Department Elective	Students will be able to: Identify business opportunities based on technology, creativity and profitability through analysis, communication and development of strategic plans for the redesign or improvement of a digital business.
LTTI1820	Innovation in Information Systems	CIS Department Elective	Students will be able to: Develop proposals to improve and innovate technologies and information systems in business processes using the knowledge gained on electronic commerce and innovations.
Industrial and Systems Engineering			
LTSO1801	Introduction to the University	Elective Credit	Students will be able to: Recognize their learning skills and identify the tools provided by the University to potentiate them, to establish a life and career plan according to their purpose in life, and to develop strategies to successfully fulfill them.
LTPS1803	Principles of Well-being and Happiness	Elective Credit	Students will be able to: Understand the basic concepts of happiness and emotions and apply the tools derived from these principles in their daily lives for the benefit of their own health and wellness.
LTHP1804	Verbal Skills	Elective Credit	Students will be able to: Develop the necessary skills to adequately express themselves orally and in writing in order to establish an effective interpersonal communication.

LTMA1808	Logical Mathematical Reasoning	Elective Credit	Students will be able to: Develop analytical skills, reasoning, facts application, graphic and spatial discrimination in order to increase their ability to solve problems in real life and have a logical sequential thinking.
LTI1803	Digital Skills	Elective Credit	Students will be able to: Recognize their computer skills to potentiate their academic and professional development. Students will be able to: Understand and solve problems involving concepts Univariate differential and integral calculus in order to solve real life problems by applying these disciplines.
LTMA1804	Math Basics	MAT Department Elective	
LTCO1801	Costs and Accountability	ACC Department Elective	Students will be able to: Analyze and use accounting and costing systems to estimate the cost of a product or service, valuing inventories, keep track of income, expenses, sales profits in order to know if a business / company is profitable, and to identify areas of opportunity to be competitive.
LTHP1801	Effective Communication	Elective Credit	Students will be able to: Efficiently convey their ideas in different contexts applying theoretical elements of oral and written communication skills to be able to persuade various audiences on the importance of their arguments, convey ideas and thoughts effectively and properly use electronic media in order to achieve excellent understanding by the recipients.
LTCN1801	Basics of Management	Upper Division STP Department Elective	Students will be able to: Analyze and troubleshoot kinematics and dynamics through the application of knowledge and basic laws of physics for further application in real cases.
LTI1807	Information Technologies in Organizations	CIS Department Elective	Students will be able to: Understand and identify the basic elements of information systems in business and their applications inside and outside the organizational environment in order to achieve competitive advantage based on information systems.
LTHP1803	Effective Presentations Workshop	COM Department Elective	Students will be able to: Structure any information using the tools and knowledge acquired, in a practical and simple way, so that it is easily understood by the audience to which it is addressed.
LTCN1802	Physics II: Fluids, Heat and Optics	COM Department Elective	Students will be able to: Analyze and solve physics problems related to fluids, oscillations, waves, heat and optics through theoretical and practical analysis of physical phenomena in order to understand and solve real problems.
LTMA1805	Mathematics for Engineering	MAT Department Elective	Students will be able to: Understand and solve problems involving concepts of vector calculus and calculus with different variables in order to find the solution of problems in the area of engineering.
LTIN1801	Manufacture Process	Upper Division PHI Department Elective	Students will be able to: Learn the different conventional manufacturing processes, select machines based on geometric attributes, properties and functionality of the parts to be manufactured, specify the tooling and operating parameters for producing products; and select methods and measuring instruments for quality assurance.
LTMA1803	Statistics and Forecasts for Decision Making	STP Department Elective	Students will be able to: Apply quantitative forecasting methods to support the decision making process in various environments, properly using tools and basic methodologies of parametric statistics and appropriate computer programs.
LTCN1803	Industrial Chemistry and Sustainability	ERM Department Elective	Students will be able to: Develop sustainability strategies involving chemical processing plants, in order to reduce the impacts of hazardous emissions on the environment, such as air pollution and climate change.
LTAD1811	Planning of a Business Project	MGT Department Elective, OGL Department Elective	Students will be able to: Develop the planning of a project using tools, techniques and standards for the optimization of processes and resources.
LTLI1801	Management and Leadership Styles	Upper Division OGL Department Elective	Students will be able to: Develop and implement skills, behaviors and leadership styles properly in order to influence, motivate and encourage employees toward achieving objectives within a harmonious working environment fostered by teamwork and positive interpersonal relationships.
LTOP1801	Business Project: Implementation	Elective Credit	Students will be able to: Develop a project feasibility analysis to determine what the project should achieve, the overall goal and document analysis results according to the characteristics of the company.
LTOP1802	Business Project: Monitoring	Elective Credit	Students will be able to: Develop a management plan for a project and select a team and suppliers to implement the project.
LTOP1803	Business Project: Evaluation	Elective Credit	Students will be able to: Carry out the processes of monitoring and managing of a project, coordinate resources and manage changes to ensure project quality.
LTIN1806	Operations Research	Elective Credit	Students will be able to: Analyze the history of operations research to design and create linear scheduling models in decision-making, in order to apply them in the scheduling areas.
LTMN1801	Computer Drawing	Upper Division CSE Department Elective	Students will be able to: Design parts, structures and assemblies of mechanical systems using computational tools that allow graphical modeling in 2D and 3D.
LTIN1805	Optimization of Work Processes	IEE Department Elective	Students will be able to: Establish standards that consider human factors, in order to improve the working methods in an organization.
LTHP1802	Systemic Thinking	Elective Credit	Students will be able to: Learn the basics of systematic thinking and the application of techniques for modeling systems from the perspective of systems engineering for the design and improvement of procedures.
LTAD1808	Negotiation Techniques and Conflict Management	Upper Division MGT Department Elective	Students will be able to: Understand what a negotiation is, its process, the importance of planning, and the techniques and strategies that can be implemented to ensure successful negotiations and conflict resolution.
LTIN1802	Supply Chain	Upper Division SCM Department Elective	Students will be able to: Establish the planning of the supply chain of a company in order to program the improvement process.
LTFF1805	Evaluation of Projects and Funding Sources	Upper Division MGT Department Elective, OGL Department Elective	Students will be able to: Understand and apply the main techniques of project evaluation, describing its scope and limitations in various situations, including inflation or uncertainty periods, in order to evaluate the various financing alternatives.
LTIN1811	Production Management	Upper Division OGL Department Elective	Students will be able to: Analyze, design and implement inventory systems using a logical structure for planning and production control support.
LTIN1807	Discrete Event Simulation	Elective Credit	Students will be able to: Formulate and develop simulation models to represent the behavior of a system using programming packages.
LTAD1812	Planning of Corporate Project	Upper Division MGT Department Elective	Students will be able to: Develop the planning of a project using tools, techniques and standards for the optimization of processes and resources.
LTHU1801	Professional and Citizenship Ethics	Upper Division PHI Department Elective	Students will be able to: Reflect, within the concept of personal and social values of a globalized world, about the implications and ethical commitments they have with themselves and with others in order to behave within moral values.
LTOP1804	Corporate Project: Implementation	Upper Division MGT Department Elective	Students will be able to: Carry out methodology processes to execute and record the progress of a project in order to have order in the process and clear objectives to achieve the expected results.
LTOP1805	Corporate Project: Monitoring	Upper Division MGT Department Elective	Students will be able to: Carry out the last phase of management or administration of a project to give closure to it.
LTOP1806	Corporate Project: Evaluation	Upper Division MGT Department Elective	Students will be able to: Document and show the results of a project management process, taking into account its basics; and submit written reports and oral presentations on the progress, implementation and results of a project.
LTMN1802	Analysis of Manufacturing Systems	Elective Credit	Students will be able to: Select the manufacturing system, through resource optimization, in order to create an automatic and flexible manufacturing of a product.
LTMN1803	Design of Manufacturing Systems	Elective Credit	Students will be able to: Design manufacturing systems, through the selection of production elements and automation levels, to increase competitiveness of a specific product.
LTMR1807	Integration and Implementation of Manufacturing systems	Elective Credit	Students will be able to: Design a method to implement automated systems through the client's cost, quality and time requirements, in order to perform tasks more efficiently.
LTMR1808	Developments of a Manufacturing Systems Automation Project	Elective Credit	Students will be able to: Design projects for automation of manufacturing systems through the client's cost, quality and time requirements, in order to ensure the production of a product.
LTIN1817	Definition and Measurement of Quality Systems	Elective Credit	Students will be able to: Define and analyze critical and strategic processes of a company through the tools of Six Sigma methodology in order to improve a process.
LTIN1816	Analysis, Improvement and Control of Quality Systems	Elective Credit	Students will be able to: Evaluate processes and define a strategy through analysis tools in order to improve and control their variability, achieving a significant benefit to the organization.
LTIN1813	Lean Manufacturing	Elective Credit	Students will be able to: Design an improvement schedule for the production process or service through lean manufacturing tools in order to reduce waste.
LTLN1806	Logistics Operations and Administration of Global Supply Chain	SCM Department Elective	Students will be able to: Propose optimization of the supply chain of an organization through the implementation of logistics activities in order to strengthen its value chain.
LTLN1805	Transportation, Inventory and Warehouse Management	SCM Department Elective	Students will be able to: Design a strategy for transport routes through optimal storage inventory in order to reduce costs and improve transfer times.
LTLN1804	Supply, Demand and Information Systems Management	SCM Department Elective	Students will be able to: Implement systems and information technology through logistics management strategies in order to optimize time and automate supply.
LTLN1803	Development of a Supply Chain Management Project	SCM Department Elective	Students will be able to: Propose strategies to optimize the supply chain through optimal storage, controlled inventory and information systems, in order to improve procurement processes and quality indicators.
LTIN1810	Six Sigma	Elective Credit	Students will be able to: Evaluate industrial processes through Six Sigma methodology in order to promote continuous improvement through the reduction of process variation, and thereby achieve customer satisfaction.
LTIN1826	Aerospace Quality Standards	IEE Department Elective	Students will be able to: Develop the aerospace quality management handbook using international standards to improve the competitiveness of a company.
LTIN1827	Aerospace Quality Management	IEE Department Elective	Students will be able to: Evaluate an aerospace quality management system, identifying and diagnosing the operation of a business processes based on international standards to identify needs, improve and maintain process control.
LTIN1828	Aerospace Quality Systems Accreditation	IEE Department Elective	Students will be able to: Audit aerospace quality systems based on international standards in order to find opportunities that improve the processes.

LTIN1829	Aerospace Quality Integration Project	IEE Department Elective	Students will be able to: Develop an action plan to respond to the findings of an aerospace quality audit in order to improve the processes of a company through the analysis of the evidence found.
LTMN1804	Production and Supply Chain Management	SCM Department Elective	Students will be able to: Design a strategy for physical distribution of storage and workstations, through production requirements, in order to increase the efficiency of production lines reducing downtime and waste.
LTMR1801	Development of a Manufacturing Process Project	Elective Credit	Students will be able to: Develop a plan for managing manufacturing systems, through the assessment of environmental and economic impact, in order to have optimum production management and increase the competitiveness of a specific product.
LTMR1802	Precision Engineering	Elective Credit	Students will be able to: Design tools for processes, machinery and equipment of the organization through the integration of the basics, techniques and precision methodologies in order to promote intelligent production lines.
LTMN1805	Materials Technology	Elective Credit	Students will be able to: Identify manufacturing processes, and the characteristics of the equipment and tools through the analysis of the structure and components of mechanical parts to further improve the manufacture of mechanical components.
LTMR1803	Precision Manufacturing	Elective Credit	Students will be able to: Understand how to obtain a part with functionality by distinguishing processes, machines and tools in order to manufacture precision parts.
LTMR1804	Development of a Precision Mechanics Project	Elective Credit	Students will be able to: Making mechanical components using advanced methods and technological tools to inspect and measure the mechanical components made.
LTIN1815	Quality Management	Upper Division IEE Department Elective	Students will be able to: Develop stages of design and implementation of quality management system for a company, through proposals in order to improve the process.
LTIN1814	Quality Systems	Upper Division IEE Department Elective	Students will be able to: Design an implementation plan by selecting the appropriate methodology for quality management in order to apply it to a business case.
LTIN1803	Service Quality	Upper Division IEE Department Elective	Students will be able to: Develop a company's quality service evaluation program through management systems in order to achieve certification.
LTIN1820	Quality Systems Integration Project	Elective Credit	Students will be able to: Develop strategies based on the application of management methodologies for quality indicators in order to improve the processes of the organization.
LTTI1819	Identification of Digital Business	CIS Department Elective	Students will be able to: Identify business opportunities based on technology, creativity and profitability through analysis, communication and development of strategic plans for the redesign or improvement of a digital business.
LTTI1820	Innovation in Information Systems	CIS Department Elective	Students will be able to: Develop proposals to improve and innovate technologies and information systems in business processes using the knowledge gained on electronic commerce and innovations.
LTTI1825	Strategic Use of Information Technologies	CIS Department Elective	Students will be able to: Manage information technologies, evaluating factors related to the incorporation of technologies in all areas of the organization to maximize the value they bring to the business.
LTTI1823	Advanced Information Technologies Management Workshop	Elective Credit	Students will be able to: Design and implement a plan for an application that solves a problem in a real company that can represent a new business opportunity or that can become the focus of a new company, through the analysis of e-commerce infrastructure and creating information systems.
LTTI1818	Project Management Software	Upper Division IEE Department Elective	Students will be able to: Apply process efficiency metrics as well as advanced techniques for estimating the effort needed to develop computer programs through human resource.
LTTI1801	Java Computing	CSE Department Elective (Computers/Statistics)	Students will be able to: Use technology and language development of computer programs to install and configure an efficient development environment using structured and object-oriented programming, through the integration of different relevant technologies.
LTTI1826	Advanced Java Computing	CSE Department Elective	Students will be able to: Distinguish the different artifacts of object-orientation in order to use them in real-world problems through the proposal of optimal development technologies.
LTTI1824	Technological-Tools-Based Productivity Workshop	Elective Credit	Students will be able to: Generate high-value technology solutions through the development of cross-platform development language products to promote the efficiency of organizational processes.
LTMA1807	Multivariate Statistics	STP Department Elective	Students will be able to: Properly handle a company's information in order to solve issues in their areas of opportunity through tools and methods of statistical analysis.
LTMT1819	Advanced Market Research	MKT Department Elective	Students will be able to: Design and implement a strategy of advanced market research by studying consumer and competition, in order to solve situations within a company.
LTAD1810	Analysis of Business Strategies	MGT Department Elective	Students will be able to: Analyze the business environment to identify strategic opportunities and smart design proposals to make more efficient business operations through corporate, competitive, digital management and customer relationship strategies.
LTNI1807	Environment and International Business Operations	MGT Department Elective (Global)	Students will be able to: Identify the most important theoretical and practical elements for companies through the socioeconomic and political analysis of the global market, in order to know and understand their international business environments.
LTNI1808	Business in the Americas	MGT Department Elective	Students will be able to: Analyze and identify business opportunities in the Americas through the mapping of strategic routes for the international expansion of a company.
LTNI1806	Business in Europe and Asia	MGT Department Elective (Global)	Students will be able to: Analyze and identify business opportunities in Europe and Asia using the knowledge gained on business environment, social and economic factors, primary sectors, manufacturing and services, in order to understand the international expansion of a company to these continents.
LTNI1805	Business Strategies Workshop	Elective Credit	Students will be able to: Evaluate business environments around the world by identifying new business opportunities in order to design a strategy for the global expansion of the company.
LTFZ1808	Retirement and Financial Protection Schemes	FIN Department Elective	Students will be able to: Propose assessment and risk management strategies for different types of customers through various tools.
LTFZ1807	Development of a Financial Institution Management Project	Elective Credit	Students will be able to: Propose strategies for planning short-term debt, cash management, long-term financing and credit management, and inventory of financial institutions through legislation of the Mexican financial system.
LTMT1816	Digital Marketing Strategies	MKT Department Elective	Students will be able to: Develop strategies for brands that want a digital positioning through an online marketing campaign in order to improve its image in the market.
LTMT1817	Digital Marketing Management	MKT Department Elective	Students will be able to: Analyze the strategies of social networks for digital marketing positioning and measure the success of a campaign through key performance indicators.
LTMT1814	Development of a Digital Marketing Project	Elective Credit	Students will be able to: Design and implement marketing strategies in new media using the acquired electronic media strategies knowledge, in order to completely target digital audiences.
LTRH1812	Organizational Design	MGT Department Elective	Students will be able to: Create a proposal of organizational design of the human resources area in a company through the knowledge and involvement of the business strategy, in order to implement the strategic objectives and according to the areas of opportunity detected.
LTRH1810	Compensation and Work Benefits	MGT Department Elective	Students will be able to: Create human resources proposals for labor compensation policies, aligned to the strategic objectives of the company in order to agree with the areas of opportunity detected in the policies in force within the organization.
LTRH1814	Talent Management and Organizational Culture	MGT Department Elective, OGL Department Elective	Students will be able to: Design and execute talent development programs based on management models in order to strengthen the organizational culture within the company or institution.
LTRH1815	Human Capital Management Integration Project	Elective Credit	Students will be able to: Create talent detection strategies through the proposal of best practices, in order to lead an excellent administration of the human resources of the organizations.
LTEM1806	Ideas for Business Creation	ENT Department Elective	Students will be able to: Propose business models for new or existing companies that allow the implementation of creative ideas that meet needs or solve problems in society with the use of innovation.
LTEM1804	Strategies for Operation of New Companies	MGT Department Elective	Students will be able to: Validate business ideas in the real-life market according to methodologies for the launch of products and services in order to develop a project that allows the stability of a company.
LTEM1801	Development of a Business Creation and Development Project	Elective Credit	Students will be able to: Implement a business idea based on the understanding of the Mexican context, applying the fundamentals and organizational methodologies that lead to its potentially successful development.
LTLI1803	The Leader From Within	OGL Department Elective (Social-Behavioral)	Students will be able to: Analyze the basic principles of leadership to apply them in business or social success strategies, using the knowledge acquired about the concept of leadership.
LTLI1804	Strategic Leadership	OGL Department Elective (Social-Behavioral)	Students will be able to: Develop leadership strategies using the analysis of emotional intelligence that will allow them to have better decision making.
LTLI1802	Development of a Strategic Leadership Project	Elective Credit	Students will be able to: Develop a strategic leadership plan that provides a solution to an organizational problem through the use of analysis, planning and emotional intelligence tools that guide the members of the organization.
LTLI1805	Positive Organizations	OGL Department Elective	Students will be able to: Implement positive changes in different areas of the organization, through the basic principles of positive organizational psychology, in order to improve employee welfare and increase efficiency and productivity in the organization.

LTPS1808	Areas of Application of Positive Psychology	PSY Department Elective	Students will be able to: Explore two areas of application of positive psychology, through the diagnosis of the capacities and strengths of people, groups and communities, in order to promote positive changes that lead to individual and collective welfare.
LTPS1806	Development of a Positive Psychology Project	Elective Credit	Students will be able to: Implement theories and models of positive psychology through the use of the PERMA model and the components of welfare to increase levels of personal welfare.
LTMT1818	Sales Skills	Elective Credit	Students will be able to: Develop strategies for observation, listening, communication and management of the sales process based on skills such as active listening, in order to better understand the needs of customers and ensure sales.
LTMT1812	Key Account Management	Elective Credit	Students will be able to: Develop strategies for key accounts through the techniques necessary to efficiently manage the relationship with customers that are key to the company.
LTMT1813	Sales Team Management	Elective Credit	Students will be able to: Develop strategic sales plans including sales force profiles, their organization, motivation and training through sales management, in order to optimize the results of operations.
LTMT1820	Sales Team Management	Elective Credit	Students will be able to: Develop tactics for the realization of the sales process, its administration and control, based on an integrative strategic sales project.
LTEM1803	The Entrepreneur and Innovation	ENT Department Elective	Students will be able to: Identify the main characteristics of a successful entrepreneur, analyzing the innovation process that a company follows, and the skills required to be a good entrepreneur.
LTEM1805	Generation of Business Models	MGT Department Elective, ENT Department Elective	Students will be able to: Identify innovative ideas and their validation in the target market to develop a business model and a market entry strategy through the observation and analysis of consumer needs.
LTZF1801	Financial Management	Upper Division FIN Department Elective	Students will be able to: Learn how to obtain financial resources through the use of analysis and forecasting tools for the development of an idea or business model.
LTEM1802	Development of an Innovation and Business Entrepreneurship Project	Elective Credit	Students will be able to: Transform a business idea into an investment plan through commercial and financial validation to present a business model.
LTRH1816	Organizational Psychology	PSY Department Elective	Students will be able to: Propose strategies that strengthen the management of commitment and retention of talent in the organization, through tools and methods of intervention in personnel situations.
LTRH1813	Change Management	OGL Department Elective	Students will be able to: Generate interventions based on knowledge of organizations and development plans that lead to change and continuous leadership.
LTRH1811	Development of an Organizational Psychology Project	PSY Department Elective	Students will be able to: Create strategies to diagnose the commitment to productivity and organizational culture, through leadership development plans that promote the success of the organization.
LTIN1822	Design of Engineering Projects	Elective Credit	Students will be able to: Develop projects that contribute to continuous improvement in the area of industrial and systems engineering.
LTIN1823	Application of Engineering Projects	Elective Credit	Students will be able to: Develop projects that contribute to continuous improvement in the area of industrial and systems engineering.
LTIN1824	Engineering Project Control	Elective Credit	Students will be able to: Develop projects in their planning, implementation, monitoring and evaluation phases in the area of industrial and systems engineering.
LTIN1825	Engineering Final Project	Elective Credit	Students will be able to: Develop process improvement and innovation projects in the area of industrial and systems engineering.
LTIN1835	Prospective and Strategic Innovation in Engineering	Elective Credit	Students will be able to: Identify qualitative elements in the creation of future scenarios for the generation of innovative strategies that facilitate the competitiveness of organizations or the opening of new businesses.
LTIN1832	Innovation and Mega Trends in Engineering Processes	Elective Credit	Students will be able to: Redesign processes based on quality specifications and mega trends in innovation, which allow to increase the competitiveness of a company.
LTIN1831	Innovation and Mega Trends in The Development of Engineering Products	Elective Credit	Students will be able to: Develop products based on quality specifications and mega trends in innovation, to then introduce them to the market.
LTIN1836	Innovation and Engineering Megatrends Integration Project	Upper Division IEE Department Elective	Students will be able to: Develop innovations in the processes or products of an organization, based on knowledge of mega trends and the projection of future development scenarios, product and process design methodologies.
LTIN1833	Management Methodologies for Engineering Projects	Upper Division IEE Department Elective	Students will be able to: Use the project methodology according to the organizational needs that they face, in order to achieve the best use of resources.
LTIN1834	Planning and Implementation of Engineering Projects	Elective Credit	Students will be able to: Develop projects that contribute to the continuous improvement of a particular area of the organization or the entire company based on systematic planning.
LTIN1830	Evaluation of Engineering Projects	Upper Division IEE Department Elective	Students will be able to: Develop the evaluation of a project and indicate its economic, social, environmental and organizational impact from the systematic establishment of planning and measurement activities.
LTIN1837	Engineering Project Management Integration Workshop	Elective Credit	Students will be able to: Develop projects for improvement and innovation of processes in a particular organizational area, based on project management methodologies, planning and evaluation.
LTHI1803	Business English	Elective Credit	Students will be able to: Understand vocabulary and react to situations that arise in their company; at the same time, they'll be able to use vocabularies and forms of expression that will allow them to be more proactive in their employment.
Bachelor of Business Administration			
LTSO1801	Introduction to University	Elective Credit	Students will be able to: Develop a personal and professional life plan according to their life purpose, by identifying those tools provided by the University that are useful to potentiate their learning abilities and, thus, establish the strategies needed for the realization of such plan.
LTPS1803	Principles of Well-Being and Happiness	Elective Credit	Students will be able to: Understand the basic concepts of happiness and emotions, and apply the tools derived from these principles in their every-day lives to benefit their own wellbeing and health.
LTHP1804	Verbal Skills	Elective Credit	Students will be able to: Develop the skills needed to properly express their ideas, orally and in writing, to establish effective interpersonal communications.
LTMA1808	Logical and Mathematical Reasoning	Elective Credit	Students will be able to: Develop the skills of analysis, reasoning, fact application, graphic and spatial discrimination to increase their ability to solve real-life problems, have a logical and sequential thinking and infer concepts.
LTI1803	Digital Skills	Elective Credit	Students will be able to: Develop skills for using information and communication technologies, such as selection and operation of technological resources, information collecting, data processing and presentation of results, that will allow them to potentiate their own academic and professional development.
LTMA1804	Math Basics	MAT Department Elective	Students will be able to: Understand and solve problems that involve concepts of univariate differential and integral calculus for solving real-life problems through the application of these disciplines.
LTCO1801	Accounting and Costs	ACC Department Elective	Students will be able to: Analyze and use accounting and cost systems to calculate the cost of a product or a service, do inventory appraisals, keep records of income, expenditure, sales and profit to know if a business/company is cost effective, as well as identify opportunity areas for competitiveness.
LTHP1801	Effective Communication	Elective Credit	Students will be able to: Effectively communicate their ideas in different contexts by applying theoretical elements of oral and written communication to be able to convince different audiences of the importance of their arguments, to communicate ideas and thoughts in an effective way, and to appropriately use digital media in order for the recipients to have an excellent understanding [of the communicated ideas].
LTAD1801	Administration Basics	MGT Department Elective	Students will be able to: Understand the importance and scope of this discipline, as well as the creation of value within organizations through their main processes (planning, organization, managing and controlling), identifying the nature and purpose of the discipline applied to the main business areas. All of that with the goal of making the productive process of an organization efficient.
LTTI1807	Business Information Technologies	CIS Department Elective	Students will be able to: Learn and identify the basic elements of the information systems within the companies, as well as their applications within and without the organizational environment in order to achieve competitive advantages based on the information systems.
LTHP1803	Effective Presentations Workshop	COM Department Elective	Students will be able to: Give structure to all kinds of information, using the learned tools and knowledge, in a practical and simple way, so that it is easily understood by the target audience.
LTMA1806	Financial Mathematics	Elective Credit	Students will be able to: Solve financial problems to facilitate decision making by using mathematical models that allow for the quantification of the value of money in a period of time.
LTAD1803	Business Models and the Value Chain	MGT Department Elective	Students will be able to: Learn and apply different models to analyze the activities of a company based on its business model, analyzing the value chains within an industry and the possibilities that businesses have to position themselves in vantage segments of those chains.
LTMT1801	Marketing	MKT Department Elective	Students will be able to: Identify the main elements of and develop a basic marketing strategy for a Mexican business under an ethical, consumer-oriented perspective. For the development of the strategy, the basic tools of marketing -- consumer behavior, market and segmentation research, and positioning -- will be applied; moreover, the mix of product, price, promotion and placement that better satisfies consumers' needs and better supports the organizational goals will be established.
LTMA1803	Statistics and Forecasting for Decision Making	STP Department Elective	Students will be able to: Apply quantitative forecasting methods that support the process of decision making in different environments, by correctly using tools and basic methodologies of parametric statistics and appropriate computer programs.

LTDR1808	Corporate Law	Elective Credit	Students will be able to: Identify the general provisions of law within the companies, and its legal implications through the rationale of corporate law in order to learn the obligations that a business has in a certain location.
LTCD1802	Administrative Accounting	ACC Department Elective	Students will be able to: Apply financial information as a quantitative tool, based on the qualitative aspects, the planning processes, the administrative control and the decision making, to draw conclusions about the financial performance of the company.
LTAD1811	Planning of a Business Project	MGT Department Elective, OGL Department Elective	Students will be able to: Do the planning of a project using tools, techniques and international standards for the optimization of processes and resources.
LTL1801	Management and Leadership Styles	Upper Division OGL Department Elective	Students will be able to: Develop and apply leadership skills, behaviors and styles to influence, motivate and push collaborators towards the achieving of goals within a harmonious work environment fostered by team work and positive interpersonal relationships.
LTOP1801	Business Project: Execution	Elective Credit	Students will be able to: Make an analysis of the viability of the project to determine what the project should achieve, the global goal, and document the results of the analysis according to the characteristics of the company.
LTOP1802	Business Project: Monitoring	Elective Credit	Students will be able to: Create a management plan for a project and select a work team and suppliers to execute the project.
LTOP1803	Business Project: Evaluation	Elective Credit	Students will be able to: Implement the processes of monitoring and control in a project, coordinate resources, and manage changes in order to ensure the quality of the project.
LTCD1801	Modeling for Decision Making	Upper Division STP Department Elective	Students will be able to: Use different mathematical and statistical models that support their decision-making process in business-related applications through the rationale that includes modeling for decision making.
LTEC1801	Economics	Upper Division ECN Department Elective	Students will be able to: Suggest strategies to stimulate people's, markets' and businesses' economies by using the economic analysis in order to enhance the country's economy.
LTFZ1803	Financial Statement Analysis	Upper Division ACC Department Elective	Students will be able to: Evaluate businesses and industries in their surroundings, through financial reports, in order to give an opinion of their financial situation from a strategic point of view.
LTRH1803	Talent Management	Upper Division MGT Department Elective	Students will be able to: Understand the importance, function and impact of talent management within the organizations in order to apply organization, management and development of human capital.
LTIN1812	Project Management	Upper Division OGL Department Elective	Students will be able to: Learn and understand the whole process of project management in order to apply it to the designs of a business or organization through the basic concepts covered in this subject.
LTAD1808	Negotiation Techniques and Conflict Management	Upper Division MGT Department Elective	Students will be able to: Understand what is a negotiation, the process developed, the importance of planning, and the techniques and strategies that can be used to have successful negotiations, as well as for conflict resolution.
LTFZ1801	Financial Management	Upper Division FIN Department Elective	Students will be able to: Learn how to obtain financial resources through the use of analysis and forecasting tools for the development of an idea or business model.
LTAD1806	Organizational Diagnosis and Management Consulting	Upper Division MGT Department Elective	Students will be able to: Learn the aspects of professional management consulting services, as well as offer evaluation and diagnostic methodologies through the basic concepts covered in a management consultation and audit, to be able to detect issues and identify solutions.
LTFZ1805	Project Evaluation and Funding Sources	Upper Division MGT Department Elective, OGL Department Elective	Students will be able to: Learn and apply the main project evaluation techniques, describing their scope and limitations in different situations, including periods of inflation or uncertainty, in order to evaluate the different funding alternatives.
LTRH1809	Organizational Behavior and Performance Measurement	Upper Division MGT Department Elective	Students will be able to: Identify the importance of organizational behavior and the evaluation of performance through the application of different tools to create value within an organization.
LTAD1809	Strategic Planning	Upper Division MGT Department Elective	Students will be able to: Design the strategic and operational plan for a company, using internal analysis, sector analysis and prospective analysis tools to be able to express the medium and long-term business goals that they want to reach, and the way in which they plan to reach them.
LTAD1812	Planning of a Business Project	Upper Division MGT Department Elective	Students will be able to: Do the planning of a project using tools, techniques and international standards for the optimization of processes and resources.
LTHU1801	Professional Ethics and Citizenship	Upper Division PHI Department Elective	Students will be able to: Think, within the concept of personal and social values in a globalized world, about the implications and ethical commitments to themselves and to others, in order to act following moral values.
LTOP1804	Business Project: Execution	Upper Division MGT Department Elective	Students will be able to: Implement the processes of a methodology to execute and record the progress of a project with the purpose of having some order in the process and the goals clear, in order to obtain the expected results.
LTOP1805	Business Project: Monitoring	Upper Division MGT Department Elective	Students will be able to: Implement the last stage of the management of a project to bring it to a conclusion.
LTOP1806	Business Project: Evaluation	Upper Division MGT Department Elective	Students will be able to: Document and present the outcomes of the process of the management of a project, taking into account its fundamental aspects; as well as, present written reports and oral presentations on the progress, execution and outcomes of the project.
Bachelor of Commerce and International Business			
LTSO1801	Introduction to University	Elective Credit	Students will be able to: Recognize their learning skills and identify the tools provided by the University to potentiate them and be able to establish a personal and professional life plan according to their life purpose, and develop strategies to enjoy realizing such plan successfully.
LTPS1803	Principles of Well-Being and Happiness	Elective Credit	Students will be able to: Understand the basic concepts of happiness and emotions, and apply the tools derived from these principles in their every-day lives to benefit their own wellbeing and health.
LTHP1804	Verbal Skills Seminar	Elective Credit	Students will be able to: Develop the skills needed to properly express their ideas orally and in writing, to establish effective interpersonal communications.
LTMA1808	Seminar to Develop Logical and Mathematical Reasoning	Elective Credit	Students will be able to: Develop the skills of analysis, reasoning, fact application, graphic and spatial discrimination to increase their ability to solve real-life problems, have a logical and sequential thinking and infer concepts.
LTTI1803	Digital Skills Seminar	Elective Credit	Students will be able to: Recognize their computer-related abilities to potentiate their own academic and professional development.
LTMA1804	Basic Math	MAT Department Elective	Students will be able to: Understand and solve problems involving concepts of univariate differential and integral calculus for solving real-life problems through the application of these disciplines.
LTCD1801	Accounting and Costs	ACC Department Elective	Students will be able to: Analyze and use accounting and cost systems to calculate the cost of a product or a service, do inventory appraisals, keep records of income, expenditure, sales and profit to know if a business/company is cost effective, as well as identify opportunity areas for competitiveness.
LTHP1801	Effective Communication	Elective Credit	Students will be able to: Effectively communicate their ideas in different contexts by applying the theoretical elements of oral and written communication to be able to convince different audiences of the importance of their arguments, to communicate ideas and thoughts in an effective way, and to appropriately use digital media in order for the recipients to have an excellent understanding [of the communicated ideas].
LTAD1801	Administration Basics	MGT Department Elective	Students will be able to: Understand the importance and scope of this discipline, as well as the creation of value within organizations through their main processes (planning, organization, managing and controlling), identifying the nature and purpose of the discipline applied to the main business areas. All of that with the goal of making the productive process of an organization efficient.
LTTI1807	Business Information Technologies	CIS Department Elective	Students will be able to: Learn and identify the basic elements of the information systems within the companies, as well as their applications within and without the organizational environment in order to achieve competitive advantages based on the information systems.
LTHP1803	Effective Presentations Workshop	COM Department Elective	Students will be able to: Give structure to all kinds of information, using the learned tools and knowledge, in a practical and simple way, so that it is easily understood by the target audience.
LTMA1806	Financial Mathematics	Elective Credit	Students will be able to: Solve financial problems to facilitate decision making by using mathematical models that allow for the quantification of the value of money in a period of time.
LTAD1803	Business Models and the Value Chain	MGT Department Elective	Students will be able to: Learn and apply different models to analyze the activities of a company based on its business model, analyzing the value chains within an industry and the possibilities that businesses have to position themselves in vantage segments of those chains.
LTMT1801	Marketing	MKT Department Elective	Students will be able to: Identify the main elements of and develop a basic marketing strategy for a Mexican business under an ethical, consumer-oriented perspective. For the development of this strategy, the basic tools of marketing – consumer behavior, market and segmentation research, and positioning – will be applied; moreover, the mix of product, price, promotion and placement that better satisfies consumers' needs and better supports the organizational goals will be established.
LTMA1803	Statistics and Forecasting for Decision Making	STP Department Elective	Students will be able to: Apply quantitative forecasting methods that support the process of decision making in different environments, by correctly using tools and basic methodologies of parametric statistics and appropriate computer programs.
LTNI1803	The Sociocultural Context of International Businesses	MGT Department Elective	Students will be able to: Understand the way in which globalization has impacted the way of doing business in the world, and develop a global vision of business by integrating cultural and economical aspects, in order to create or be involved in successful international businesses.

LTNL1801	International Logistics	SCM Department Elective	Students will be able to: Establish a logistic plan of international distribution of a Mexican product based on the needs of the parties and the appropriate use of logistics in order to determine the supply chain and next steps to obtain an enhanced productivity and cost effectiveness, and satisfy the clients in the market.
LTAD1811	Project Planning I	MGT Department Elective, OGL Department Elective	Students will be able to: Do the planning of a project using tools, techniques and international standards for the optimization of processes and resources.
LTLI1801	Management and Leadership Styles	Upper Division OGL Department Elective	Students will be able to: Develop and apply leadership skills, behaviors and styles to influence, motivate and push collaborators towards the achieving of goals within a harmonious work environment fostered by team work and positive interpersonal relationships.
LTCD1801	Modeling for Decision Making	Upper Division STP Department Elective	Students will be able to: Use different mathematical and statistical models that support their decision-making process in business-related applications through the rationale that includes modeling for decision making.
LTEC1801	Economics	Upper Division ECN Department Elective	Students will be able to: Suggest strategies to stimulate people's, markets' and businesses' economies by using the economic analysis in order to enhance the country's economy.
LTNI1804	International Trade Strategies	Upper Division MGT Department Elective	Students will be able to: Analyze the international market for a product or service and develop an effective marketing plan for its trade by using the fundamentals of international trade in order to enter a new and potential market to improve a company's income.
LTDR1828	International Contracts	Upper Division MGT Department Elective	Students will be able to: Apply the tools that are more appropriate for international business transactions, and alternate methods, through analysis and research to solve cases.
LTNL1802	Logistics Operations Management	Upper Division SCM Department Elective	Students will be able to: Learn, in detail, the key logistics operations, and be able to manage them effectively and with efficiency through the application of concepts, methods and techniques of logistics operations management to arrange the transportation, distribution, inventories and storage.
LTAD1804	Purchase Basics and Management	Upper Division SCM Department Elective	Students will be able to: Understand the importance of the process of supply within a company and its strategic importance, in order to execute purchase strategies that maximize the value of the purchases for the business, and reduce risk through applying the process.
LTAD1808	Negotiation Techniques and Conflict Management	Upper Division MGT Department Elective	Students will be able to: Understand what is a negotiation, the process developed, the importance of planning, and the techniques and strategies that can be used to have successful negotiations, as well as for conflict resolution.
LTZF1801	Financial Management	Upper Division FIN Department Elective	Students will be able to: Learn how to obtain financial resources through the use of analysis and forecasting tools for the development of an idea or business model.
LTZF1805	Project Evaluation and Funding Sources	Upper Division MGT Department Elective, OGL Department Elective	Students will be able to: Learn and apply the main project evaluation techniques, describing their scope and limitations in different situations, including periods of inflation or uncertainty, in order to evaluate the different funding alternatives.
LTZF1804	International Finances	Upper Division FIN Department Elective	Students will be able to: Analyze an operation within the structure of the international finance system, highlighting the balance of payments, operations and implications of assets and liabilities in a foreign currency to learn the impact of a negotiation at the global level.
LTDR1822	Customs Law	Upper Division LES Department Elective	Students will be able to: Learn the legal frame that regulates foreign trade operations through the application of their knowledge on how to import or export goods legally and at the lowest cost.
Bachelor's in Law			
LTSO1801	Introduction to the University	Elective Credit	The student will be able to: Develop a life and career plan according to their purpose of life, based on identifying the tools provided by the University that serve to enhance their learning skills and thus establish the necessary strategies for compliance of this.
LTSP1803	Principles of Well-Being and Happiness	Elective Credit	The student will be able to: Understand the basic concepts of happiness and emotions and apply the tools that derive from these principles in their daily lives for the benefit of their own well-being and health.
LTHP1804	Verbal skills	Elective Credit	The student will be able to: Develop the necessary skills to express themselves orally and in writing in order to establish effective interpersonal communication.
LTMA1808	Logical Mathematical Reasoning	Elective Credit	The student will be able to: Develop the skills of analysis, reasoning, application of facts, graphic and spatial discrimination so that the student increases his ability to solve real-life problems, have logical sequential thinking and infer concepts.
LTTI1803	Digital Skills	Elective Credit	The student will be able to: Develop skills in the use of information and communication technologies, such as selection and operation of technological resources, information collection, data processing and presentation of results, which will enable them to enhance their academic and professional development.
LTDR1807	Introduction to Roman Law	Elective Credit	The student will be able to: Identify the institutions of Roman law that have influenced contemporary legislation, in order to make an analysis of its application today.
LTDR1816	Constitutional Law	Elective Credit	The student will be able to: Know and analyze the basic principles of the field of constitutional law; understand the area of application of the same and recognize the areas of validity of constitutional laws and international treaties in order to know in depth the laws that govern us.
LTHP1801	Effective Communication	Elective Credit	The student will be able to: Efficiently transmit their ideas in different contexts by applying theoretical elements of oral and written communication to persuade different audiences about the importance of their arguments; transmit ideas and thoughts effectively, and properly use the electronic means of communication in order to achieve excellent understanding by the audience.
LTDR1806	General Theory of Law	Elective Credit	The student will be able to: Know the notions of law and the different conceptions of the State through the analysis of the basic principles of the subject-matter to have an overview of the discipline.
LTDR1805	Criminal Law Theory	Elective Credit	The student will be able to: Analyze and identify crimes and their sanctions in general terms through the fundamentals of law and criminal theory, in order to know the consequences of certain actions.
LTHP1803	Workshop of Effective Presentations	COM Department Elective	The student will be able to: Structure any type of information, using the tools and knowledge acquired, in a practical and simple way, so that it is easily understood by the audience to which it is addressed.
LTDR1803	Legal Relationships of People and Family	Elective Credit	The student will be able to: Identify the subjects of civil rights, understand the legal relations between them and know the legal institutions in civil matters in order to be clear about the legal role that each individual has in civil society.
LTAD1811	Business Project Planning	MGT Department Elective, OGL Department Elective	The student will be able to: Prepare the planning of a project using international tools, techniques and standards for the optimization of processes and resources.
LTLI1801	Management and Leadership Styles	Upper Division OGL Department Elective	The student will be able to: Develop and apply appropriate leadership skills, behaviors and styles to influence, motivate and encourage employees towards the achievement of objectives within a harmonious work environment fostered by teamwork and positive interpersonal relationships.
LTOP1801	Business Project: Execution	Elective Credit	The student will be able to: Prepare a feasibility analysis of the project to determine what the project should achieve, the overall goal and document the results of the analysis according to the characteristics of the company.
LTOP1802	Business Project: Monitoring	Elective Credit	The student will be able to: Prepare an administration plan for a project and select a team work and suppliers to execute the project.
LTOP1803	Business Project: Evaluation	Elective Credit	The student will be able to: Carry out the monitoring and control processes of a project, coordinate the resources and manage the changes to ensure the quality of the project.
LTAD1812	Corporate Project Planning	Upper Division MGT Department Elective	The student will be able to: Prepare the planning of a project using international tools, techniques and standards for the optimization of processes and resources.
LTHU1801	Professional Ethics and Citizenship	Upper Division PHI Department Elective	The student will be able to: Reflect, within the concept of personal and social values of a globalized world, regarding the ethical implications and commitments that he has with himself and with others in order to conduct himself in accordance with moral values.
LTOP1804	Corporate Project: Execution	Upper Division MGT Department Elective	The student will be able to: Carry out the processes of a methodology to execute and record the progress of a project in order to have order in the process and clear goals to obtain the expected results.
LTOP1805	Corporate Project: Monitoring	Upper Division MGT Department Elective	The student will be able to: Carry out the last phase of management or administration of a project to close it.
LTOP1806	Corporate Project: Evaluation	Upper Division MGT Department Elective	The student will be able to: Document and present the results of the project administration process, taking into account the fundamental aspects of the project, as well as submit written reports and oral presentations on the progress, execution and results of a project.

Bachelor's in Education and Development			
LTSO1801	Introduction to the University	Elective Credit	The student will be able to: Recognize their learning skills and identify the tools provided by the University to empower them and establish a life and career plan according to their life purpose and develop strategies to enjoy fulfilling it successfully.
LTSPS1803	Principles of Well-Being and Happiness	Elective Credit	The student will be able to: Understand the basic concepts of happiness and emotions and apply the tools that derive from these principles in their daily lives for the benefit of their own well-being and health.
LTHP1804	Verbal Skills Seminar	Elective Credit	The student will be able to: Develop the necessary skills to express themselves orally and in writing in order to establish effective interpersonal communication.
LTMA1808	Mathematical Logical Reasoning Development Seminar	Elective Credit	The student will be able to: Develop the skills of analysis, reasoning, application of facts, graphic and spatial discrimination so that the student increases the ability to solve real-life problems, have logical sequential thinking and infer concepts.
LTTI1803	Digital Skills Seminar	Elective Credit	The student will be able to: Recognize their computational skills to enhance their academic and professional development.
LTMA1801	Biostatistics	STP Department Elective	The student will be able to: Apply and relate the main biostatistical tools for the analysis of research studies in the field of nutrition.
LTED1802	Education History	Elective Credit	The student will be able to: Identify the historical, social and doctrinal factors that education has gone through in the world with the purpose of comparing differences in educational models, based on that draw conclusions and understand the evolution of the educational systems.
LTHP1801	Effective Communication	Elective Credit	The student will be able to: Efficiently transmit their ideas in different contexts by applying theoretical elements of oral and written communication to persuade different audiences about the importance of their arguments, transmit ideas and thoughts effectively, and properly use the electronic means of communication in order to achieve excellent understanding from their audience.
LTED1804	Modern Learning Theories	Elective Credit	The student will be able to: Apply the behavioral, cognitive and socio-historical learning paradigms, framed in the theory of motivation to improve educational practice.
LTED1833	Pedagogy and General Teaching	Elective Credit	The student will be able to: Select the basic concepts of pedagogy and the fundamentals of general teaching to design the didactic strategy of a course in different learning environments.
LTHP1803	Workshop of Effective Presentations	COM Department Elective	The student will be able to: Structure any type of information, using the tools and knowledge acquired, in a practical and simple way, so that it is easily understood by the audience to which it is addressed.
LTED1806	Modern Theories of Teaching	Elective Credit	The student will be able to: Develop a teacher training program applying the latest teaching theories to achieve an effective learning environment.
LTED1803	Education and Development	Elective Credit	The student will be able to: Design learning environments of any educational level that improve human and psychological development in the educational field.
LTED1801	Child and Special Learning	Elective Credit	The student will be able to: Propose a didactic strategy that allows the integration of different explanatory postulates in relation to the subject-matter, to recognize the individual differences and to solve the learning problems of each infant.
LTDH1801	Logical Thinking and Argumentation	PHI Department Elective	The student will be able to: Understand and explain the structures, foundations and processes of the development of logical and critical thinking, as well as the argumentation, necessary for the development of effective oral communication.
LTDH1802	Personality, Motivation and Efficiency	Elective Credit	The student will be able to: Examine the impact of personality and motivation on performance, efficiency and productivity in the work area with the purpose of improving performance.
LTED1805	Psychology of the Education	EDP Department Elective	The student will be able to: Develop an intervention proposal at an individual or group level, through a psychopedagogical diagnosis, to solve learning problems.
LTAD1811	Project Planning I	MGT Department Elective, OGL Department Elective	The student will be able to: Prepare the planning of a project using international tools, techniques and standards for the optimization of processes and resources.
LTU1801	Management and Leadership Styles	Upper Division OGL Department Elective	The student will be able to: Develop and apply appropriate leadership skills, behaviors and styles to influence, motivate and encourage employees towards the achievement of objectives within a harmonious work environment fostered by teamwork and positive interpersonal relationships.
LTED1814	Information Technologies Applied to Education	Elective Credit	The student will be able to: Propose and execute strategies for the use of information and telecommunication technologies (ICT), and develop teaching resources to improve the teaching-learning process.
LTED1812	Design and Development of Teaching Material	Elective Credit	The student will be able to: Develop, through a psychopedagogical diagnosis, an intervention proposal at the individual or group level to solve learning problems.
LTED1811	Educational and Policy Issues	Elective Credit	The student will be able to: Identify the general characteristics of education in Mexico from its conception and its repercussions in the economic, social and political spheres.
LTED1807	Teen and Adult Learning	Elective Credit	The student will be able to: Develop, through a psychopedagogical diagnosis, an intervention proposal at the individual or group level to solve learning problems in adolescents and adults.
LTED1808	Online Education	Elective Credit	The student will be able to: Understand the paradigms of education to represent a model of distance education with its specific components oriented to a particular type of participant.
LTED1813	Profile of Model Teachers	Elective Credit	The student will be able to: Develop the characteristics of a quality teacher, putting into practice the procedures, attitudes and concepts that allow him to transmit knowledge effectively in an atmosphere of cordiality.
LTED1809	Didactic and Curricular Evaluation	Elective Credit	The student will be able to: Design an educational evaluation proposal based on a curricular diagnosis of an academic program considering a constructivist evaluation instrument, the above with the purpose of measuring knowledge about the subject-matter.
LTED1810	Critical Thinking	Upper Division PHI Department Elective	The student will be able to: Analyze the fundamental aspects of critical thinking, scientific, ethical and creative reasoning in order to apply them in daily life.
LTED1817	Creative Talent Development	Upper Division MGT Department Elective	The student will be able to: Propose a skills-based training program aimed at the staff of an organization to encourage the development of creative talent.
LTED1818	Educational Legislation	Elective Credit	The student will be able to: Analyze the norms, agreements and decrees that support the national education system in order to adhere to them, issue legal initiatives to modify existing ones or to add or eliminate those deemed obsolete.
LTED1816	Creation of Virtual Education Environments	not found	The student will be able to: Design an instructional script through the integration of elements that allow the construction of a virtual education environment in order to take full advantage of the advantages it offers.
LTED1819	Standardized Tests Workshop	Elective Credit	The student will be able to: Identify the characteristics of the standardized tests applied at national and international level in order to propose strategies that improve the results of these assessments.
LTAD1812	Project Planning II	Upper Division MGT Department Elective	The student will be able to: Prepare the planning of a project using international tools, techniques and standards for the optimization of processes and resources.
LTHU1801	Professional Ethics and Citizenship	Upper Division PHI Department Elective	The student will be able to: Reflect, within the concept of personal and social values of a globalized world, regarding the ethical implications and commitments that he has with himself and with others in order to conduct himself in accordance with moral values.