INSTITUTIONAL
CATALOG 2021-2022

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OFFICIAL NAME

Universidad Popular Autónoma del Estado de Puebla, which has been operating, according to the guidelines of the Mexican laws and the Agreement that gives Recognition of Official Validity to the Studies; through different educational modalities referred to in its duly authorized academic programs; and by Assembly held on August 1st, 2012, for internal documentation. "UPAEP" is the acronym that must be used.

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MISSION, VISION
AND VALUES

MISSION AND VALUES

In 2014, the Board of Trustees published the guidelines made available to the community in the document called "Lineamenta", which defines the Vision Towards the 50th Anniversary and includes: Mission, Values, Vision, and guiding principles.

Mission

"To create currents of thought and form leaders that transform society in the search for Truth, integrating faith, science and life."

Values

Along with truth, goodness and beauty, UPAEP holds as guiding values: the dignity of the human person, freedom, solidarity, subsidiarity, congruence, respect, love, and justice.

Derived from this Mission and with a view to the 50th anniversary, the Vision that will serve as a guide and inspiration for the next ten years was presented:

VISION TOWARDS THE 50TH ANNIVERSARY

We are a fraternal, congruent, joyful, and committed university community, that:

- Is a reference in the conjunction of Christian humanistic thought and the sciences.
- Forms leaders with high professional quality and social commitment.
- Contributes to the transformation of society with pertinent proposals, oriented to the achievement of the common good.
- Has presence and influence at the local, regional, national and international levels.
- Develop human talent and optimizes resources in the service of the institutional mission.

This Vision is accompanied by five Guiding Principles, which will govern the efforts, ideas, and projects of the university community.

1. To be congruent with our identity.

2. To propose a formation of excellence for a transformative leadership.

3. Consolidate academic systems of social relevance

4. To position the institution as an Intercultural University.

5. To guarantee an environment of trust, collaboration, and accountability.

MESSAGE FROM THE PRESIDENT

The Universidad Popular Autónoma del Estado de Puebla (UPAEP) is a private, non-profit Mexican institution of higher education, founded on May 7th, 1973 by a community of students and university professors, which arose from the support of broad sectors of Puebla's society, becoming an authentic model of social solidarity and whose educational proposal is anchored in Christian social teaching.

The institutional motto, "Culture at the Service of the People", frames the imprint of university activities, where by culture we understand the way of seeing the world, life, and the way of living it, from the valuation and promotion of the best expressions of human endeavor so that the University is involved through its being and work in teaching, research, and outreach, for the benefit of the local and global community it impacts.

At UPAEP we consider the institutional mission as the motivation that summons us to contribute the best of the talent of each one of us, namely: "To create currents of thought and form leaders who transform society in the search for truth, integrating faith, science, and life".

These foundational references have been the driving forces behind an institution in constant evolution and growth. In its almost 50 years, UPAEP has become a key player in the space of higher education in Mexico, with a proposal of high quality accredited education, comprehensive training rooted in and promoting the dignity of the person, and perspective of "proximity" (see for and walk with "the other"), in the university work to catalyze social transformation for the common good.

UPAEP's value proposition has led it to be the largest private university in southeastern Mexico, with a student community of nearly 17 000 students studying from high school to doctoral level. Its institutional quality is endorsed by its uninterrupted accreditation at its highest level by FIMPES (1), and by academic program with the accreditation of 100% of its undergraduate academic programs for grounded education by COPAES (2) and CIEES (3), as well as by the offer of postgraduate programs with the largest number of programs in the National Register of Quality Programs of CONACYT (4) in the south-central region of Mexico among private universities. The forcefulness of its transformative perspective has also been recognized by international agents of the highest relevance, such as the designation as "Changemaker Campus" by Ashoka U, as well as being among the first places in the Social Impact Ranking of the Times Higher Education. The innovative impetus in the field of Internationalization is projected in the "UPAEP Global Campus" platform, which, due to the richness of its programs and options, has become a reference inside and outside the country. These features and many more, rooted in the institutional identity, are what support the strength of our value proposition.

This institutional catalog 2021-2022 shows information for applicants from all over Mexico and international students, to make the decision to consider UPAEP as an extraordinary option to crystallize their professional and life projects.

COURSE AND PROGRAM
OFFERING

COLLEGE OF
BUSSINES

BACHELOR´S DEGREE

- BUSINESS ADMINISTRATION
- MARKETING
- BUSINESS LOGISTICS
- INTERNATIONAL TRADE AND STRATEGY
- HOSPITALITY AND TOURISM MANAGEMENT
- ACCOUNTANCY AND SENIOR MANAGEMENT
- GASTRONOMY
- FINANCIAL AND STOCK MARKET MANAGEMENT
- BUSINESS INTELLIGENCE
- INSTITUTIONS MANAGEMENT
- PUBLIC ACCOUNTING
- MARKETING
- MARKETING AND SALES MANAGEMENT
- INTERNATIONAL TRADE AND LOGISTICS
- PUBLIC ACCOUNTING
- BUSINESS ADMINISTRATION
- BUSINESS ADMINISTRATION
- INTERNATIONAL TRADE
- PUBLIC ACCOUNTING

MASTER´S DEGREE

- ORGANIZATIONAL MANAGEMENT
- MANAGEMENT AND FINANCE
- MANAGEMENT AND MARKETING
- GASTRONOMIC BUSINESS MANAGEMENT
- TAXATION
- ADMINISTRATION
- ORGANIZATIONAL MANAGEMENT
- MANAGEMENT AND FINANCE
- MANAGEMENT AND MARKETING
- ADMINISTRATION AND STRATEGIC MANAGEMENT
- MARKETING AND DIGITAL COMMERCIALIZATION STRATEGIES

DOCTORATE DEGREE

- MANAGEMENT AND FINANCE
- MANAGEMENT AND MARKETING
- ORGANIZATIONAL MANAGEMENT
- MANAGEMENT AND FINANCE
- MANAGEMENT AND MARKETING
- ORGANIZATIONAL MANAGEMENT

COLLEGE OF BUSSINES

BACHELOR'S DEGREE IN
BUSINESS ADMINISTRATION

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: 20192092

ACADEMIC PROGRAM PURPOSE

It trains graduates in Business Administration who, with strategic vision, ethics, human sense and committed to society, are experts in promoting the achievement of organizational objectives, through the management of basic administrative functions, the diagnosis of specific problems of the area and the use of technologies applied to assertive decision making in organizations, to develop new business models in an interdisciplinary manner and the strengthening of new strategies that generate a practical differentiator and with multiple skills.

ENTRY PROFILE

Knowledge

- Recognizes basic English language terms

- Distinguishes the basic mathematical elements for management.

Abilities and/or skills

- Communicates orally and in writing.

- Manages the basics of information and communication technologies.

- Shows reading and comprehension skills.

- Develops activities through team work

Attitudes and/or values

- Demonstrates openness to change

- Shows facility for interpersonal relationships

- Shows willingness to work in interdisciplinary teams

- Performs with a proactive attitude

- Is aware of the importance of service attitude

- Promotes an honest attitude

THE GRADUATION PROFILE FOR THE BACHELOR IN BUSINESS ADMINISTRATION

- Promote strategies to achieve objectives through projects that generate business and global change.

- Apply management techniques for human resources, material resources and acquisitions to achieve organizational objectives, taking into account the internal and external environment.

- Promote a sense of social responsibility and solidarity

- Plan the creation of companies and other types of organizations promoting the sentiment and inclination for service.

- Apply the resources of the new information and communication technologies for the development of projects and the achievement of organizational objectives.

- Run small, medium and large family businesses in various sectors.

- Strategically analyze the objectives of the company.

PROGRAM CURRICULAR LINES

The program has a number of 55 courses that can be studied in a flexible curriculum in 8 school periods.

It is composed of:

General Education Humanist Training, Entrepreneurship, Languages and Mathematics

Propedeutic training consisting of English levels below advanced and Basic Mathematics

Theoretical training consisting of Administration, Mathematics, Accounting and Finance, Economics, Law, Marketing and Research Fundamentals.

Disciplinary Training that consists: Applied Accounting, Strategy and Globalization, Human Capital, Operations, Business Intelligence and Applied Management

Research courses that consists: Research Seminar.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN BUSINESS ADMINISTRATION
GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS							TICH	TOCH	TC
FOUNDATIONAL	INSTITUTIONAL, PROFESSIONAL, AND COURSE	INSTITUTIONAL	HUMANIST FORMATION	Person and Truth FHU006	Person and Freedom FHU007	Person, Family, and Society FHU008	Person and Contemporary Culture FHU010	Person and the Mexican Identity FHU011	Person and Transcendence FHU009	288	288	36
			ENTREPRENEURSHIP				Entrepreneurship EMP026			72	40	7
			LANGUAGES	Advanced English I ING115	Advanced English II ING116	Global Perspective ING117				216	264	30
		PROFESSIONAL FOUNDATIONS	ADMINISTRATION	Principles of Managerial Accounting LAE105	Business Intelligence LIN100					96	96	12
			MATHEMATICS	Mathematics I MAT106	Mathematics II MAT107	Descriptive Statistics MAT200	Inferential Statistics MAT201			288	288	36
			ACCOUNTANCY AND FINANCE	General Accounting CAD003		Financial and Technological Tools AFB103	Finance AFB101			168	152	20
			ECONOMICS	Microeconomics ECO012	Macroeconomics ECO013					96	96	12
			LAW		Introduction to the Legal Framework and Mercantile Aspects DER003	Labor Law DER268				96	96	12
			FUNDAMENTALS OF RESEARCH			Research Methodology LAE106				48	48	6
			MARKETING		Marketing MER104		Market Research MER003			96	96	12
DISCIPLINARY		PROFESSIONAL	APPLIED ACCOUNTING			Cost Accounting CAD004	Managerial Accounting CAD010	Contributions CAD201	Payments, Compensations, and Social Security CAD202	264	216	30
			STRATEGY AND GLOBALIZATION			Ethics and Corporate Responsibility LAE214	Corporate Strategic Analysis LAE215	Management Skills Development LAE216	Global Strategy and Competitiveness CEI211	192	192	24
			HUMAN CAPITAL			Organizational Behavior LAE217	Organizational Development LAE218	Talent Management I LAE219 → Talent Management II LAE220		192	192	24
			OPERATIONS				Forecasting and Decision Making LAE221	Productive Resource Management LAE222	Supply Chain Planning LAE223	144	144	18
			BUSINESS INTELLIGENCE				Applied Quantitative Modeling in Support of Decision-Making IND009		Business Simulator LAE224 / Competitive Intelligence LIN402	144	144	18
								Applied Business Models EMP027	Family Business LAE225 / Administrative Audit LAE226	144	144	18
			APPLIED ADMINISTRATION						Innovation and Change Management LAE227	48	48	6
								Business Plan LAE228	Trends in Administrative Management LAE229	96	96	12
		ELECTIVE	ENTREPRENEURSHIP					Entrepreneurship Elective 1 OEM007	Entrepreneurship Elective 2 OEM008			
			DISCIPLINARY AREA					Selected Topics in Business Administration I LAE303	Selected Topics in Business Administration II LAE304	192	192	24
			ACADEMIC SYSTEMS OF SOCIAL RELEVANCE					Integrative Project of Social Relevance I VAS001	Integrative Project of Social Relevance II VAS002			
			GENERAL EDUCATION					General Education Elective 1 VAS003	General Education Elective 2 VAS004			
			RESEARCH						Business Administration Pre-Graduation Seminar	48	48	6
			TOTAL	6	7	7	7	7	7	2928	2880	363

Students must choose two elective lines from the four existing lines and study four courses, two for each selected line.

TC MX	363
TC USA	182

BACHELOR'S DEGREE IN

MARKETING

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: 201921016

ACADEMIC PROGRAM PURPOSE

It trains graduates in Marketing who master the different disciplines that make up the study of consumer behavior, market research techniques, digital trends and data science analysis, through the application of logical thinking, the generation of creative business strategies, consistently argued and supported by teamwork, in order to support the commercial decision making of companies with an ethical vision and social commitment.

ENTRY PROFILE

Knowledge

- Recognizes the basic rules for the writing and synthesis of information.

- Enunciates basic concepts of Administration, Psychology and Social Sciences.

- Distinguishes the basic notions of mathematics and statistics.

V*Abilities and/or skills*

- Uses basic computer elements.

- Communicates orally and in writing

- Demonstrates clarity in the expression of ideas.

- Incorporates basic elements of planning in his/her work.

- Searches and selects sources of information

Attitudes and Values

- Is interested in cultural diversity

- Shows interest in teamwork

- Assumes individual and social commitments with responsibility

- Possesses an enthusiastic personality

- Values service to others

- Shows tolerance for the opinions of others

- Assumes his commitments with passion

- Acts proactively

THE GRADUATION PROFILE FOR THE BACHELOR IN MARKETING

The competencies acquired in the Bachelor of Marketing are:

- Analyze the environment identifying the most important factors of a problem to make decisions that improve a situation.

- Develop the ability to correctly express their proposals in writing and orally.

- Develop the skills to collaborate in work teams.

- Develop the culture of conducting research before making important decisions.

- Develop the sensitivity to put the customer at the center of all your actions.

- Have the courage to offer disruptive solution proposals based on scientific foundations, even when it goes against the traditional paradigm.

- Have the ability to use science, creativity and strategy to start, improve or rescue a company.

The program has a number of 56 courses that can be studied in a flexible curriculum in 8 school periods.

PROGRAM CURRICULAR LINES

General Education: Humanist Formation, Entrepreneurship and Languages

Propedeutic Training: does not apply

Theoretical training: consisting of courses that provide the foundation and inspiration for marketing.

Disciplinary Training: that consists courses that lead to landing knowledge and generating marketing strategies.

Research courses that consists: courses provide the scientific basis for decision making.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN MARKETING
GROUNDED EDUCATION

TYPE: FOUNDATIONAL / DISCIPLINARY
COMPETENCIES: INSTITUTIONAL, PROFESSIONAL, AND COURSE
CORE: INSTITUTIONAL · PROFESSIONAL FOUNDATIONS · PROFESSIONAL · ELECTIVE · CAPSTONE

CORE	CURRICULUM AREAS	1	2	3	4	5	6	7	8	TICH	TOCH	TC
INSTITUTIONAL	COMPUTING	Digital Tools and Community COM013								72	56	8
INSTITUTIONAL	HUMANIST FORMATION	Person and Truth FHU006	Person and Freedom FHU007	Person, Family, and Society FHU008	Person and Contemporary Culture FHU010	Person and the Mexican Identity FHU011	Person and Transcendence FHU009			288	288	36
INSTITUTIONAL	ENTREPRENEURSHIP					Entrepreneurship EMP026				72	40	7
PROFESSIONAL FOUNDATIONS	LANGUAGES	Advanced English I ING115	Advanced English II ING116	Global Perspective ING117						216	264	30
PROFESSIONAL FOUNDATIONS	MARKETING	Marketing MER104	Consumer Behavior MER105	Pricing MER106						144	144	18
PROFESSIONAL FOUNDATIONS			Fundamentals of Digital Marketing MER107	Digital Ecosystem MER108						96	96	12
PROFESSIONAL FOUNDATIONS			Business Reading and Writing MER109	Creative Marketing Tools MER110						96	96	12
PROFESSIONAL FOUNDATIONS	MATHEMATICS	Mathematics I MAT106	Mathematics II MAT107	Descriptive Statistics MAT200	Inferential Statistics MAT201					288	288	36
PROFESSIONAL FOUNDATIONS	ACCOUNTING AND SENIOR MANAGEMENT			General Accounting CAD003	Cost Accounting CAD004					144	112	16
PROFESSIONAL FOUNDATIONS	ECONOMICS AND MANAGEMENT	Principles of Business Management LAE105	Corporate Strategic Analysis LAE215							96	96	12
PROFESSIONAL FOUNDATIONS		Economics ECO011								48	48	6
PROFESSIONAL	DESIGN				Digital Marketing Art DPP112	Digital Marketing Composition DPP105				144	16	10
PROFESSIONAL	MARKETING RESEARCH				Qualitative Research MER211	Quantitative Research MER212				96	96	12
PROFESSIONAL	SALES					Sales Management MER213	Sales Techniques and Point of Sale MER214			96	96	12
PROFESSIONAL	ADVANCED MARKETING				Products and Services MER215		Distribution and Logistics MER216	Social Marketing MER217	Commercialization Strategy MER218	192	192	24
PROFESSIONAL					Promotion MER219		Political Marketing MER220	Public Relations MER221		144	144	18
PROFESSIONAL								Brand Design and Management MER222	Professional Development MER223	96	96	12
PROFESSIONAL								Global Marketing MER224	Ethnography and Anthropology MER225	96	96	12
PROFESSIONAL	BUSINESS INTELLIGENCE					Data Analysis in Spreadsheet LIN101	Applied Business Models EMP027	Analytical Tools for Marketing LIN001		144	144	18
PROFESSIONAL	ADVANCED COMPUTING								Data Visualization TCD001	48	48	6
PROFESSIONAL	BANKING AND FINANCE						Financial and Technological Tools AFB103	Finance AFB101		96	96	12
PROFESSIONAL	INTERNATIONAL BUSINESS								Consulting CEI210	48	48	6
ELECTIVE	ENTREPRENEURSHIP							Entrepreneurship Elective I OEM007	Entrepreneurship Elective 2 OEM008			
ELECTIVE	DISCIPLINARY AREAS							Selected Topics in Marketing I MER306	Selected Topics in Marketing II MER307	192	192	24
ELECTIVE	ACADEMIC SYSTEMS OF SOCIAL RELEVANCE							Integrative Project of Social Relevance I VAS001	Integrative Project of Social Relevance II VAS002			
ELECTIVE	GENERAL EDUCATION							General Education Elective 1 VAS003	General Education Elective 2 VAS004			
CAPSTONE	RESEARCH								Marketing Pre-Graduation Seminar MER404	48	48	6
	TOTAL	7	7	7	7	6	6	8	8	3000	2840	365

TC MX 365
TC USA 183

BACHELOR'S DEGREE IN
BUSINESS LOGISTICS

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: 20192105

ACADEMIC PROGRAM PURPOSE

It trains graduates in Business Logistics who, from an ethical and socially responsible exercise of their profession, design and manage business logistics networks, through a project management approach that allows the optimization of resources, the generation of value and the increase of competitiveness in the company, to enable the generation of jobs, sources of income and national development.

ENTRY PROFILE

Knowledge

- Recognizes Mexico's presence in the international context.

- Identifies Mexico's geographic position as a factor of competitiveness.

- Points out the basic mathematical operations

- Distinguishes Mexico's natural, economic, social, cultural and human talent resources.

Abilities and/or skills

- Develops basic arguments to defend or support their points of view.

- Employs analytical skills to make decisions

- Observes the global environment and its dynamics

- Structures knowledge to propose solutions

- Communicates adequately in oral and written form

- Performs well in multicultural environments

- Uses negotiation skills

Attitudes and/or values

- Demonstrates leadership skills

- Values the importance of creativity and entrepreneurship

- Assumes an open attitude to change

- Acts ethically

- Is aware of the importance of interdisciplinary teamwork

THE GRADUATION PROFILE FOR THE BACHELOR IN BUSINESS LOGISTICS

Develop strategic and operational approaches for the administration and optimization of logistics networks.

Exercise transformative leadership through work in multidisciplinary teams for the evaluation of logistics projects taking into consideration their financial viability and organizational or social impact.

Design a comprehensive logistics system from the supply chain to the delivery of the final product to the customer.

Make decisions to improve or innovate in the organization's logistics and / or customs processes for both its national and international operations.

Determine the modalities of national or international traffic according to the type of merchandise, route to be followed and customer requirements.

PROGRAM CURRICULAR LINES

The program has a number of 56 courses and they can be studied in a flexible curriculum in 8 school periods.

It is composed of:

General Education: matters of common core with a humanistic sense

Propedeutic Training: DOES NOT APPLY

Theoretical training: lay the foundations to understand the phenomena of national and international logistics based on the fundamentals of administration and international trade.

Disciplinary Training that consists the following areas: advanced logistics management, international trade, industrial engineering, advanced administration and financial administration.

Research courses that consists: research methodology and degree seminar.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN BUSINESS LOGISTICS
GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS								TH	TC
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	INSTITUTIONAL	HUMANIST FORMATION	Person and Truth FHU006		Person and Freedom FHU007	Person and the Mexican Identity FHU011	Person and Transcendence FHU009			12	24
					Person and Contemporary Culture FHU010	Person, Family, and Society FHU008					6	12
			LANGUAGES	Language Elective 1 OPI009	Language Elective 2 OPI010	Global Perspective ING117					13.5	30
		PROFESSIONAL FOUNDATIONS	MATHEMATICS	Precalculus MAT102	Calculus for Business MAT103	Descriptive Statistics MAT200	Inferential Statistics MAT201				18	36
			FUNDAMENTALS OF INTERNATIONAL BUSINESS	International Business LCI106	Legal Environment of International Business LCI107	Customs Management LCI108	Customs Operations LCI201				12	24
				Economic Geography LCI100							3	6
			ACCOUNTING AND SENIOR MANAGEMENT		General Accounting CAD003	Cost Accounting CAD004					9	16
			ADMINISTRATION	Managerial Environment LAE100	Marketing MER100						7.5	14
FOUNDATIONAL			BASIC LOGISTICS MANAGEMENT	Fundamentals of Business Logistics LDN101	Logistics Operators LDN102						6	12
		PROFESSIONAL	FINANCIAL MARKET MANAGEMENT				Financial Mathematics AFB100	Finance AFB101			6	12
			ECONOMICS			Microeconomics ECO002	Macroeconomics ECO003				6	12
			INDUSTRIAL ENGINEERING				Quality Engineering I IND014	Quality Engineering II IND015			9	16
									Decision Models IND016		4.5	8
			INTERNATIONAL BUSINESS						Commercial Intelligence LCI204		3	6
									International Negotiation Strategies LCI207		3	6
								International Business Terminology LCI001			3	6
								E-Commerce LCI206			3	6
			ADVANCED LOGISTICS MANAGEMENT					Logistics Management LDN200	International Logistics LCI212	Intermodal and Multimodal Transport LDN201	9	18
									Topics in Logistics LDN202	Case Studies in Logistics LDN203	6	12
								Sectoral Logistics LDN204		Project Management LDN205	7.5	12
			ADVANCED MANAGEMENT						Operations Management LAE202	Inventory Management LDN206	6	12
										Purchasing and Inventory Management LAE102	3	6
			PROFESSIONAL TOPICS					Entrepreneurial Models EMP017		Entrepreneurship Elective OEM006	7.5	13
										Elective ONE001 / Elective ONE002	6	12
SPECIALIZED		ELECTIVE	LINE: BUSINESS INTELLIGENCE							Competitive Intelligence LIN402 / Strategic Tools for Business Analysis LIN208		
										Business Process Analysis LIN204 / Financial Topics of the Profession CAD005	12	24
			LINE: INTERNATIONAL TRADE							Global Strategy and Competitiveness LCI203 / International Trade LCI205		
										Market Research MER001 / International Treaties and Trade Agreements LCI210		
		CAPSTONE	INTEGRATION							International Business Planning LCI213	3	6
			RESEARCH				Research Methodology LAE001			Pre-Graduation Seminar LDN400	6	12
			TOTAL	7	7	7	7	7	7	7	190.5	373

TC MX	373
TC USA	187

BACHELOR'S DEGREE IN

INTERNATIONAL TRADE AND STRATEGY

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: 20192104

ACADEMIC PROGRAM PURPOSE

It trains graduates in International Trade and Strategy who, in an integral and ethical manner, are capable of strategically managing the country's international trade activities, analyzing the national and international environment, in order to capitalize on commercial opportunities that encourage the country's competitiveness.

ENTRY PROFILE

Knowledge

- Basic elements of national and international geography

- Elementary knowledge of mathematics, arithmetic, algebra and probability.

- Fundamental notions of the national and international environment - political and economic situation of Mexico and the main economic regions of the world.

- Computers and information technology

- Microsoft Office package and basic computer skills as well as Internet navigation.

- Basic level of English.

Skills and/or abilities

- Examines different contexts in given approaches.

- Adapts to the environment, diverse cultural manifestations and personalities.

- Integrates knowledge for the resolution of cases or the presentation of various alternatives for action or solution to given approaches.

- Communicates orally and in writing

- Uses the information obtained in the readings to solve problems.

- Demonstrates basic multicultural competence.

Attitudes and/or values

- Performs with honesty

- Shows responsibility in his/her activities

- Acts with commitment and professionalism

- Is committed to his/her environment

- Is willing to work in an interdisciplinary way.

- Has an entrepreneurial and creative spirit

- Shows respect for others

- Is flexible, empathetic and adaptable to interpersonal groups.

THE GRADUATION PROFILE FOR THE BACHELOR IN INTERNACIONAL TRADE AND STRATEGY

Conduct international business negotiations to strategically identify and diversify Mexico's business opportunities with the world.

Manage the foreign trade operations of Mexico in accordance with international laws, as well as commercial treaties and agreements.

Use information and data on international business operations to design strategies and make ethical decisions that increase business competitiveness.

Lead logistics solutions that optimize the international distribution network of companies' products.

Develop international business plans and consulting processes to improve companies' international trade operations.

Theoretical training consisting to lay the foundations to understand the phenomena of international trade, through areas of the administration and thus link the regional strategic studies and the principles of international trade.

Disciplinary Training that consists in the following areas: logistics, customs, technology and software, and advanced international trade. Each area is made up of courses specific to the discipline. The elective trunk seeks to delve into a specific area of international trade.

Research courses that consists: 3 courses: research methodology, international market research, degree seminar: international business plan.

PROGRAM CURRICULAR LINES

The program has a number of 60 courses that can be studied in a flexible curriculum in 8 school periods.

It is composed of:

General Education General Courses, which consist of matters of common core with a humanistic sense.

Propedeutic Training DOES NOT APPLY

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN INTERNATIONAL TRADE AND STRATEGY

GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS								TICH	TOCH	TC
FOUNDATIONAL	INSTITUTIONAL, PROFESSIONAL, AND COURSE	INSTITUTIONAL	COMPUTING	Digital Tools and Community COM013							72	56	8
			HUMANIST FORMATION	Person and Truth FHU006	Person and Freedom FHU007	Person, Family, and Society FHU008	Person and Contemporary Culture FHU010	Person and the Mexican Identity FHU011	Person and Transcendence FHU009		288	288	36
			ENTREPRENEURSHIP				Entrepreneurship EMP026				72	40	7
		PROFESSIONAL FOUNDATIONS	LANGUAGES	Language Elective 1 OPI009	Language Elective 2 OPI010	Global Perspective ING117					216	264	30
			MATHEMATICS	Mathematics I MAT106	Mathematics II MAT107	Descriptive Statistics MAT200	Inferential Statistics MAT201				288	288	36
			MARKETING	Marketing MER104							48	48	6
			REGIONAL STRATEGIC STUDIES	Economic Geography CEI100	Latin American Studies CEI101	Asian Studies CEI102	European Studies CEI103	North American Studies CEI104	African and Middle East Studies CEI105		288	288	36
			ACCOUNTING			General Accounting CAD003	Cost Accounting CAD004				144	112	16
			MANAGEMENT		Principles of Managerial Accounting LAE105		Corporate Strategic Analysis LAE215		Applied Business Models EMP027		144	144	18
			BASIC INTERNATIONAL TRADE		Legal Environment of Business in Mexico CEI106	Tariff Legislation CEI107					96	96	12
				International Trade CEI108	Legal Environment of International Business CEI109	Customs Direction and Management CEI110					144	144	18
DISCIPLINARY		PROFESSIONAL	ECONOMICS			Microeconomics ECO012	Macroeconomics ECO013				96	96	12
						International Economics ECO014			Advanced International Economics ECO015		96	96	12
			ADVANCED INTERNATIONAL TRADE					International Pricing and Recruitment CEI200	Comparative Commercial Law CEI201	International Business Strategies CEI202	144	144	18
								International Trade CEI203	Business Intelligence CEI204		96	96	12
			RESEARCH			Research Methodology LAE106		International Market Research MER004			96	96	12
			CUSTOMS				Customs Strategy CEI205	Procedures and Documentation of International Trade CEI206		International Treaties and Trade Agreements CEI207	144	144	18
			BANKING AND FINANCE					Financial and Technological Tools AFB103	Finance AFB101		96	96	12
			TECHNOLOGICAL STRATEGIES						E-commerce CEI208	Strategic Technology Applied to International Trade CEI209 / Consulting CEI210	144	144	18
									Global Strategy and Competitiveness CEI211	Case Studies in International Trade CEI212	96	96	12
			LOGISTICS						International Logistics Strategy CEI213	Project Management LDN205	120	72	12
		ELECTIVE	ENTREPRENEURSHIP						Entrepreneurship Elective 1 OEM007	Entrepreneurship Elective 2 OEM008			
			DISCIPLINARY AREA						Selected Topics in International Trade and Strategy I CEI300	Selected Topics in International Trade and Strategy II CEI301	192	192	24
			ACADEMIC SYSTEMS OF SOCIAL RELEVANCE						Integrative Project of Social Relevance I VAS001	Integrative Project of Social Relevance II VAS002			
			GENERAL EDUCATION						General Education Elective 1 VAS003	General Education Elective 2 VAS004			
		CAPSTONE	RESEARCH							Pre-Graduation Seminar: International Trade Planning CEI400	48	48	6
		TOTAL		7	7	8	8	7	7	8	8	3168	3088	391

TC MX	391
TC USA	196

BACHELOR'S DEGREE IN

HOSPITALITY AND TOURISM MANAGEMENT

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: 20192108

ACADEMIC PROGRAM PURPOSE

It trains graduates in Hospitality and Tourism Management who design and develop hospitality systems aimed at service innovation in the areas of tourism, recreation management, group administration, conventions and civil organizations, considering the client and its environment in relation to the natural and cultural heritage, sustainability, social commitment and organizations, in order to promote strategic negotiations based on ethical, humanistic and technological aspects oriented towards the welfare of the participants.

Knowledge

- Basic English language skills

- Basic knowledge in mathematics.

- Basic computer skills.

- Distinguishes aspects of general culture of their national environment.

- Identifies basic elements of geography.

- Recognizes the importance of caring for the natural and cultural environment.

ENTRY PROFILE

- Recognizes the importance of providing quality service to the consumer.

- Describes service experiences in their environment.

Abilities and/or skills

- Communicates in basic English and reads texts in English.

- Demonstrates organizational skills

- Communicates easily in oral and written form

- Orally presents topics related to service experiences

- Demonstrates a creative problem-solving personality

- Ability to analyze and synthesize.

Attitudes and/or values

- Demonstrates service attitude

- Shows willingness to work as part of a team

- Is interested in being empathetic (a) in their dealings with others

- Respects others and the environment

- Values responsibility in different areas of life.

- Shows willingness to be enterprising

- Is inclined to seek challenges

- Strives for perseverance

- Engages in self-motivation and motivation of people with whom he/she interacts

- Is inclined to have global knowledge

THE GRADUATION PROFILE FOR THE BACHELOR IN HOSPITALITY AND TOURISM MANAGEMENT

Analyze negotiation strategies establishing different players in the hospitality industry.

Identify tourism products in search of the rescue of culture showing their leadership capacity.

Recognizes the need for the creation of tourism products that meet the needs of entertainment and recreation expressing and communicating it in a second language.

Distinguish the characteristics of the administration and its process developing investment projects in hospitality.

Relates the organization and operation of companies using information technologies in service companies.

Plans, organizes and executes events performing their professional ethics with empathy and self-assurance.

Indicates the value of cultural heritage considering sustainable tourism elements according to each culture and the region's competence.

PROGRAM CURRICULAR LINES

The program has a number of 28 courses that can be studied in a flexible curriculum in 8 school periods.

It is composed of:

General Education: General Courses, which consist of humanistic training, entrepreneurship and languages

Propedeutic Training: DOES NOT APPLY.

Theoretical training consisting: Mathematics, Marketing, Administrative Accounting, Food, Tourism and Services.

Disciplinary Training: that consists in Food Management, Tourism and Service Development, Advanced Administrative-Accounting Area and Hospitality Administration, Selected Topics in Hospitality and Tourism.

Research courses that consists: Research Seminar.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN HOSPITALITY AND TOURISM MANAGEMENT
GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS								TICH	TOCH	TC
FOUNDATIONAL	INSTITUTIONAL, PROFESSIONAL, AND COURSE	INSTITUTIONAL	HUMANIST FORMATION	Person and Truth FHU006	Person and Freedom FHU007	Person, Family, and Society FHU008	Person and Contemporary Culture FHU010	Person and the Mexican Identity FHU011	Person and Transcendence FHU009		288	288	36
			ENTREPRENEURSHIP					Entrepreneurship EMP026			72	40	7
		PROFESSIONAL FOUNDATIONS	LANGUAGES	Advanced English I ING115	Advanced English II ING116	Global Perspective ING117					216	264	30
			MATHEMATICS	Precalculus MAT102	Descriptive Statistics MAT200	Inferential Statistics MAT201					216	200	26
			MARKETING	Marketing MER104		Market Research MER003	Loyalty Strategies MER005				144	144	18
			ADMINISTRATIVE/ ACCOUNTING	Principles of Business Management LAE105	General Accounting CAD003	Data Analysis in Spreadsheet LIN101					168	152	20
			FOOD	Quality of Supply DHT100	Culinary Fundamentals IGAS116	Trends in Restaurant and Bar DHT101					192	80	17
			FUNDAMENTALS OF TOURISM		Tourism System DHT102	Hospitality and Cruise Industry DHT103	Recreation and Leisure Studies DHT104				144	144	18
			INTRODUCTION TO SERVICES	General Theory of Service and Hospitality DHT105	Hospitality Service Certifications DHT106						96	96	12
DISCIPLINARY		PROFESSIONAL	FOOD MANAGEMENT				Spa Management DHT200	Culinary Fundamentals II GAS117	Appraisal and Culinary Tasting GAS004		192	64	16
								Restaurants and Food Service DHT201	Assessment of Large-Scale Processes DHT202		120	88	13
			TOURISM AND SERVICE DEVELOPMENT				Qualimetry Techniques in the Services DHT203			Complaint Management and Service Recovery DHT204	96	96	12
								Tourism Heritage Management DHT205	Travel and Transport Agencies DHT206	Risk Management in the Hospitality Industry DHT207	192	192	24
			ADVANCED ADMINISTRATIVE/ ACCOUNTING						Cost Accounting CAD004	Applied Business Models EMP027	168	152	20
			HOSPITALITY MANAGEMENT			Space Design for the Servuction System DHT209	Emotional Intelligence and Service Management DHT210	Management of Social Events DHT211	Creation of Business Networks in the Hospitality Industry DHT212	Sustainability in Services DHT213	288	288	36
							Maintenance Service Management DHT215			Hospital Management DHT216	144	144	18
		ELECTIVE	ENTREPRENEURSHIP							Entrepreneurship Elective 1 OEM007			
			DISCIPLINARY AREA							Selected Topics in Hospitality and Tourism Management I DHT300	192	192	24
			ACADEMIC SYSTEMS OF SOCIAL RELEVANCE							Integrative Project of Social Relevance I VAS001			
			GENERAL EDUCATION							General Education Elective 1 VAS003			
		CAPSTONE	RESEARCH							Hospitality and Tourism Management Pre-Graduation Seminar DHT400	48	48	6
		TOTAL		7	7	7	7	6	6	7	2976	2672	353

Additional elective/ninth-column entries:

Curriculum area	Column entry
TOURISM AND SERVICE DEVELOPMENT (DHT205 row)	Management Strategies Applied to the Services DHT208
HOSPITALITY MANAGEMENT (DHT209 row)	Civil Organizations Management DHT214
HOSPITALITY MANAGEMENT (DHT215 row)	Protocol and Corporate Image DHT217
ADVANCED ADMINISTRATIVE/ACCOUNTING	Business Plan LAE228
ENTREPRENEURSHIP (elective)	Entrepreneurship Elective 2 OEM008
DISCIPLINARY AREA (elective)	Selected Topics in Hospitality and Tourism Management II DHT301
ACADEMIC SYSTEMS OF SOCIAL RELEVANCE (elective)	Integrative Project of Social Relevance II VAS002
GENERAL EDUCATION (elective)	General Education Elective 2 VAS004
TOTAL (last column)	7

TC MX 353
TC USA 177

BACHELOR'S DEGREE IN
ACCOUNTANCY AND SENIOR MANAGEMENT

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: 20192775

ACADEMIC PROGRAM PURPOSE

It provides comprehensive training to professionals in accounting and senior management who, with a concept of human transcendence and with ethical and strategic thinking, design, manage and evaluate both financial and non-financial information of entities, which strengthen management, control and decision making in a competitive manner in any business sector, performing functions and tasks involved in the areas of accounting, financial information, legal, contributions, finance, management, internal control and assurance, to perform professionally with leadership and teamwork in both public and private organizations at national and international level.

ENTRY PROFILE

Knowledge

- Recognizes the current environment of the world of the accounting profession and finance.

- Demonstrates elementary knowledge of logical mathematical language

- Demonstrates elementary knowledge of English language

- Recognizes the impact of globalization on the functioning of the economy.

Abilities and/or skills

- Manages computer packages: spreadsheet, word processor, presentations.

- Demonstrates oral and written communication

- Executes tasks and procedures in an orderly manner

- Logically uses symbols and figures

- Observes financial and non-financial data

- Applies critical thinking to evaluate scenarios and make decisions

Attitudes and/or values

- Is inclined to integrate in multidisciplinary teams.

- Possesses an entrepreneurial and creative spirit.

- Acts with a high sense of ethics

- Assumes responsibilities with commitment.

- Is interested in research and evaluative criteria.

THE GRADUATION PROFILE FOR THE BACHELOR IN ACCOUNTANCY AND SENIOR MANAGEMENT

Design and prepare financial statements.

Apply financial reasons for the interpretation of the company's situation.

Apply financial reporting standards when designing financial statements.

Determine and integrate the elements of the cost of production.

Prepare financial budgets and structure management reports.

Know and apply Mexican tax laws.

Analyze the main macroeconomic and microeconomic indicators that have an impact on the company.

PROGRAM CURRICULAR LINES

The program has a number of 57 courses of which can be studied in a flexible curriculum in 8 school periods.

It is composed of:

General Education General Courses, which consist of Humanist Training, Entrepreneurs, Language and Culture and Academic Computation

Propedeutic Training: DOES NOT APPLY

Theoretical training consisting Administration, Accounting Information Technologies, Economics, Legal Line, Mathematics, Accounting and Financial Information, Accounting System. (the same in each case)

Disciplinary Training consisting of Standards of Financial Information, Administrative Accounting, Advanced Accounting Information Technologies, Tax and Contributions, Financial Administration, Audit and Risk Management, Business and Entrepreneurship, Senior Management and Sustainability.

Research courses thas consists: Research Applied to Accounting.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN ACCOUNTANCY AND SENIOR MANAGEMENT

GOUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS	1	2	3	4	5	6	7	8	H	C	TH	TC
INSTRUMENTAL	GENERIC FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	INSTITUTIONAL	COMPUTING	Digital Tools and Comunity COM013										4	8
			HUMANIST THINKING AND FORMATION	Fundamentals of Critical and Humanist Thinking FIL016	Structural Fundamentals of Critical Thinking LPC001	Academic Writing LPC002								9	18
					Person and Humanist Culture FHU004	Ethics and Social Responsibility FHU005	Humanist Formation Elective OFH001							11	22
			LANGUAGE AND CULTURE	Language and Culture Elective 1 OPI001	Language and Culture Elective 2 OPI002	Language and Culture Elective 3 OPI003	Language and Culture Elective 4 OPI004							20	40
FOUNDATIONAL		PROFESSIONAL FOUNDATIONS	MANGEMENT	Managerial Environment LAE100			Human Talent LAE002							7	14
			ACCOUNTING INFORMATION TECHNOLOGY		Financial and Technological Tools AFB103	Management Models CAD203								7	14
			ECONOMICS		Microeconomics ECO002	Macroeconomics ECO003								6	12
			LEGAL		Titles and Credt Operations DER240	Commercial Societies DER241	Labor Law and its Relation to Social Security DER018							9	18
			MATHEMATICS		Mathematics for Business MEN002	Descriptive Statistics MEN010								8	16
			ACCOUNTING AND FINANCIAL REPORTING	Financial Accounting CAD102	Accounting Based on Financial Information Standards I CAD103	Accounting Based on Financial Information Standards II CAD104								10	20
			ACCOUNTING SYSTEM	Professional Fundamentals of Public Accounting CAD105										2	4
		PROFESSIONAL	FINANTIAL REPORTING STANDARDS				International Financial Reporting Standards CAD204							4	8
			MANAGERIAL ACCOUNTING				Cost Information System CAD101	New Trends in Costing Systems CAD205	Managerial Accounting System CAD200					11	22
			ADVANCED ACCOUNTING INFORMATION TECHNOLOGY					Information Technology in Accounting I CAD206		Information Technology in Accounting II CAD207	Comprehensive Business Systems CAD208	3	6	11	22
			FISCAL AND CONTRIBUTIONS				Federal Tax Code CAD209	Social Security CAD210	Contributions I CAD211	Contributions II CAD212	Tax Update CAD213	3	6	15	30
			FINANCIAL MANAGEMENT						Corporate Finance AFB200	Green Finance AFB210				9	18
			AUDIT AND RISK MANAGEMENT				Internal Control and Risk Management CAD214	International Standards on Auditing I CAD215	International Standards on Auditing II CAD216	Forensic and Governmental Auditing CAD217	Auditing Practices CAD218	3	6	15	30
			BUSINESS AND ENTREPRENEURSHIP				Direction of the Company's Strategic Growth LAE205	Entrepreneurial Model EMP001	Entrepreneurship Elective OEM001					10	19
			SENIOR MANAGEMENT AND SUSTAINABILITY					Direction of Strategic Alliances and Negotiation LAE207	Financial Sustainability AFB209	Financial Responsibility CAD219				9	18
SPECIALIZED		ELECTIVE	SPECIALIZED ACCOUNTING						Cost Strategies CAD301	Specialized Accounting CAD302	Specialized Audit CAD303	3	6		
			FINANCE						Stocks and Fundamental Analysis AFB201	Stock Market Finance AFB202	Corporate Governance AFB203	3	6	9	18
			FISCAL						Legal Assistance on Tax Law CAD304	Legal Assistance on Equity CAD305	International Taxation CAD306	3	6		
		CAPSTONE	INTEGRATION								Management and Assessment of Investment Projects AFB402	4	8	4	8
			RESEARCH								Applied Research in Accounting CAD402	3	6	3	6
			TOTAL	6	8	8	8	8	7	6	6	19	38	193	385

TC MX	385
TC USA	193

BACHELOR'S DEGREE IN

GASTRONOMY

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: 20192914

ENTRY PROFILE

Knowledge

- Identifies basic mathematical and computational concepts.

- Recognizes basic concepts of grammar, writing and spelling.

- Distinguishes the basic elements of a second language.

Skills

- Communicates orally and in writing.

- Uses creativity and inventiveness to meet the needs of their context.

- Works autonomously and collaboratively.

Attitudes and/or values

- Respects diversity and multiculturalism.

- Is reflective, restless and eager to acquire new knowledge.

ACADEMIC PROGRAM PURPOSE

It trains graduates in Gastronomy, with an ethical and humanistic sense, who recognize cultural processes and manage the operation of food and beverage service companies, through the development and research of culinary processes, as well as the execution of food transformation techniques, to create and innovate gastronomic products with a sustainable, global and multidisciplinary conscience.

THE GRADUATION PROFILE FOR THE BACHELOR IN GASTRONOMY

Manages the operational and administrative areas of a food and beverage company.

Uses quality standards and strategies in the food and beverage area.

Develops and supervises the techniques and procedures of gastronomic production.

Apply gastronomic vocabulary in English and another foreign language to communicate in a food and beverage company.

Diagnoses the properties of foods to course them to traditional and innovative processes and achieve culinary transformations.

Promotes both national and international gastronomic traditions and culture.

Generate gastronomic products from research.

PROGRAM CURRICULAR LINES

The program has a number of 58 courses that can be studied in a flexible curriculum in 8 school periods.

It is composed of:

General Education General Courses, which consist of courses that belong to humanistic training, entrepreneurship and the first foreign language that is English.

Propedeutic Training: It consists of courses to standardize knowledge, mainly mathematics and the basic ones of the English language.

Theoretical training consisting of basic program training divided into Culinary Science and Gastronomic History, Food and Beverage Services, and Management.

Disciplinary Training that consists which consists of the specialization of the program, the courses are grouped by sections, which are Gastronomy, advanced pastry and administration, food technology, service operation, languages and entrepreneurship

Research courses that consists: which consists of promoting research in students, both in the area of food technology, as well as in gastronomic tourism and gastronomic culture.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN GASTRONOMY
GROUNED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS									TICH	TOCH	TC
FOUNDATIONAL	INSTITUTIONAL, PROFESSIONAL, AND COURSE	INSTITUTIONAL	HUMANIST FORMATION	Person and Truth FHU006	Person and Freedom FHU007	Person, Family, and Society FHU008	Person and Contemporary Culture FHU010	Person and the Mexican Identity FHU011	Person and Transcendence FHU009			18	18	36
			ENTREPRENEURSHIP					Entrepreneurship EMP026				4.5	2.5	7
			LANGUAGES	Advanced English I ING115	Advanced English II ING116	Global Perspective ING117						13.5	16.5	30
		PROFESSIONAL FOUNDATIONS	SCIENCE AND GASTRONOMIC HISTORY	Culinary Anthropology I GAS123	Culinary Anthropology II GAS124	Mexican Gastronomic Culture GAS125						9	6	15
			PASTRY	Bakery GAS126	Pastry I GAS127							9	3	12
			CULINARY SCIENCE	Culinary Fundamentals I GAS128	Culinary Fundamentals II GAS129	Identification and Processing of Poultry and Meat GAS130	Identification and Processing of Fish and Shellfish GAS131					18	14	32
				Gastronomic Science GAS132		Fundamentals of Mexican Cuisine GAS133						7.5	3.5	11
				Sensory Analysis GAS134								3	2	5
			FOOD AND DRINKS SERVICES		Professional Development I GAS135							4.5	0.5	5
			BASIC MANAGEMENT			General Accounting CAD003						4.5	3.5	8
						Principles of Business Management LAE 105						3	3	6
DISCIPLINARY		PROFESSIONAL	SPECIALIZED GASTRONOMY			Regional Mexican Cuisine GAS232		Mediterranean Cuisine GAS233	European Cuisine GAS234		Asian Cuisine GAS235	18.0	6	24
							Cold Cuisine GAS236	Cuisine of the Americas GAS237				9	3	12
							Healthy Gastronomy Workshop GAS238			Gastronomic Development Workshop GAS239		7.5	4.5	12
			ADVANCED PASTRY			Pastry II GAS240	Application of Pastry Techniques I GAS241	Application of Pastry Techniques II GAS242				13.5	4.5	18
			FOOD TECHNOLOGY					Enology and Culinary Tasting GAS243	Cocktail Making and Mixology GAS244	Culinary Techniques of Preservation GAS245		10.5	5.5	16
			SERVICE OPERATION			Professional Development II GAS246	Marketing MER104	Restaurant Regulations GAS247	Management of Social Events DHT211	Space Planning for Food and Drinks Establisments GAS248		16.5	10.5	27
			ADVANCED MANAGEMENT			Cost Management of Food and Drinks CAD015			Applied Business Models EMP027	Introduction to the Legal Framework and Commercial Aspects DER003		9	8	17
								Management of Productive Resources LAE005	Talent Management LAE006			6	5	11
			MATHEMATICS						Descriptive Statistics MAT200			4.5	3.5	8
			LANGUAGES			Language Elective 1 OPI009	Language Elective 2 OPI010	Language Elective 3 OPI011				13.5	16.5	30
		ELECTIVE	ENTREPRENEURSHIP						Entrepreneurship Elective 1 OEM007	Entrepreneurship Elective 2 OEM008				
			DISCIPLINARY AREA						Selected Topics in Gastronomy I GAS306	Selected Topics in Gastronomy II GAS307		12	12	24
			ACADEMIC SYSTEMS OF SOCIAL RELEVANCE						Integrative Project of Social Relevance I VAS001	Integrative Project of Social Relevance II VAS002				
			GENERAL EDUCATION						General Education Elective 1 VAS003	General Education Elective 2 VAS004				
		CAPSTONE	RESEARCH							Gastronomy Pre-Graduation Seminar GAS425		3	3.0	6
			TOTAL	7	6	7	7	7	8	8	8	217.5	154.5	372

TC MX	372
TC USA	186

BACHELOR'S DEGREE IN
FINANCIAL AND STOCK MARKET MANAGEMENT

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: 20192915

ACADEMIC PROGRAM PURPOSE

It trains graduates in Financial and Stock Market Management with a humanistic vision to manage financial resources ethically and with strategic thinking; analyzing, projecting and evaluating the profitability, risk and financial sustainability of entities; to optimize decision making in any business sector in their functions as managers, financial advisors and analysts, as well as stockbrokers.

ENTRY PROFILE

Knowledge

- Recognizes the current environment of the world of business and finance.

- Identifies elementary knowledge of mathematical logic language.

- Distinguishes the impact of globalization on the functioning of the economy.

Abilities and/or skills

- Manages computer packages: spreadsheet, word processor, presentations.

- Communicates effectively in oral and written form.

- Uses symbols and figures in a logical manner.

- Applies critical thinking to evaluate scenarios and make decisions.

- Demonstrates basic command of the English language.

Attitudes and/or values.

- Is inclined to integrate in multidisciplinary teams.

- Possesses an entrepreneurial and creative spirit.

- Assumes responsibilities with commitment.

- Is interested in the search for information and evaluative criteria.

THE GRADUATION PROFILE FOR THE BACHELOR IN FINANCIAL AND STOCK MARKET MANAGEMENT

Applying quantitative methods for decision-making.

Assess the financial performance and/or social relevance of companies and projects.

Evaluate financial variables that support the development of sustainable investment strategies.

Develop investment and financing strategies that promote the common Good.

Apply banking and stock exchange standards to establish an ethical and legal framework of reference.

Select national and international financial assets for investment optimization.

Develops inclusive and development-promoting investment strategies.

PROGRAM CURRICULAR LINES

The program has a number of 55 courses that can be studied in a flexible curriculum in 8 school periods.

It is composed of:

General Education: Humanist Formation, Entrepreneurship and

Languages

Propedeutic Training: does not apply

Theoretical training consisting of Mathematics, Quantitative Methods, Financial Economic Analysis, Analysis of Financial Information, Regulatory Framework, Administration.

Disciplinary Training that consists: Corporate Finance, Advanced Quantitative Methods, Advanced Analysis of Financial Information, Financial Risk Management, Social Finance, Strategic Management, Financial Strategies.

Research courses that consists: Seminar of Qualification of Financial and Stock Management

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN FINANCIAL AND STOCK MARKET MANAGEMENT
GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS									TICH	TOCH	TC
FOUNDATIONAL	INSTITUTIONAL, PROFESSIONAL, AND COURSE	INSTITUTIONAL	HUMANIST FORMATION	Person and Truth FHU006	Person and Freedom FHU007	Person, Family, and Society FHU008	Person and Contemporary Culture FHU010	Person and the Mexican Identity FHU011	Person and Transcendence FHU009			18	18	36
			ENTREPRENEURSHIP					Entrepreneurship EMP026				4.5	2.5	7
			LANGUAGES	Language Elective 1 OPI009	Language Elective 2 OPI010	Global Perspective ING117						13.5	16.5	30
		PROFESSIONAL FOUNDATIONS	MATHEMATICS	Mathematics I MAT106	Mathematics II MAT107	Descriptive Statistics MAT200	Inferential Statistics MAT201					18	18.0	36
			QUANTITAVE METHODS		Financial Calculus AFB104	Quantitative Methods for Decision Making I AFB105						7.5	4.5	12
			FINANCIAL AND ECONOMIC ANALYSIS	Financial and Stock Market Environment AFB106	Microeconomics ECO012	Macroeconomics ECO013						9	8	17
			FINANCIAL INFORMATION ANALYSIS	Financial Accounting CAD011		Cost Accounting CAD004						9.0	6.0	15
			REGULATORY FRAMEWORK	Mexican Financial System AFB107	Financial Legal Framework AFB108							6	4	10
			MANAGEMENT	Principles of Business Management LAE105	Business Intelligence LIN100							6	6	12
DISCIPLINARY		PROFESSIONAL	CORPORATE FINANCE				Strategic Financial Management AFB213	Corporate Finance AFB214	Working Capital Management AFB215	International Finance Management AFB216		13.5	8.5	22
			ADVANCED QUANTITATIVE METHODS					Quantitative Methods for Decision Making II AFB217	Econometrics ECO016	Data Analysis with Spreadsheet LIN101	Technological Tools for Business Intelligence LIN002	15	11.0	26
			ADVANCED FINANCIAL INFORMATION ANALYSIS				Managerial Accounting CAD010	Contributions CAD201	Financial Information Standards for Corporations AFB218			12	9.0	21
			FINANCIAL RISK MANAGEMENT				Banking and Stock Market Regulations AFB219		Debt and Capital Stock Market Instruments AFB220	Derivatives and Risk Market AFB221	Investment funds AFB222	13.5	9.5	23
			SOCIAL FINANCE				Financial Sustainability AFB223	Green Finance AFB224			Financial Knowledge Management AFB225	9	6	15
			STRATEGIC MANAGEMENT				Corporate Strategic Analysis LAE215	Data Mining I LIN202	Data Mining II LIN203	Applied Business Models EMP027		12	12	24
			FINANCIAL MANAGEMENT						Ethics and Financial Responsibility AFB226	Business Simulator LAE224	Management and Evaluation of Investment Projects AFB227	10.5	7.5	18
		ELECTIVE	ENTREPRENEURSHIP							Entrepreneurship Elective 1 OEM007	Entrepreneurship Elective 2 OEM008			
			DISCIPLINARY AREA							Selected Topics in Finance I AFB300	Selected Topics in Finance II AFB301	12	12	24
			ACADEMIC SYSTEMS OF SOCIAL RELEVANCE							Integrative Project of Social Relevance I VAS001	Integrative Project of Social Relevance II VAS002			
			GENERAL EDUCATION							General Education Elective 1 VAS003	General Education Elective 2 VAS004			
		CAPSTONE	RESEARCH								Financial and Stock Market Management Pre-Graduation Seminar AFB403	3	3	6
			TOTAL	7	7	6	7	7	7	7	7	192	162	354

TC MX	354
TC USA	177

BACHELOR'S DEGREE IN
BUSINESS INTELLIGENCE

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: 20192776

ACADEMIC PROGRAM PURPOSE

It trains graduates in Business Intelligence, with ethical and humanistic sense, who integrate business intelligence processes to the business strategy, in addition to identify, develop and/or give continuity to local, regional, national and international business opportunities, through strategic, analytical and innovative thinking in the design of models and the application of analytical tools to large data sets, in order to assist in decision making to create long-term value and generate continuous growth in the company.

ENTRY PROFILE

Knowledge

- Recognizes basic concepts of English, computer and mathematics.

- Identifies various aspects of general culture.

Abilities and/or skills

- Collaborates in work teams.

- Infer different ways to solve a problem.

- Analyzes and synthesizes information from different sources in an abstract way.

- Communicates adequately in oral and written form.

- Discriminates critically the information obtained from different sources.

Attitudes and/or values

- Interest in the handling, operation and use of computers.

- Demonstrates initiative and desire to learn.

- Seeks to remain updated in the technological trend through the discipline of self-learning.

- Values truth and justice.

THE GRADUATION PROFILE FOR THE BACHELOR IN BUSINESS INTELLIGENCE

Integrate business intelligence into business strategy.

Manage databases identifying the needs, sources and use of the information to be the basis for business analysis.

Apply analytical tools to large databases to extract information and support decision-making throughout the company's value chain.

Develop predictive and descriptive models based on data to create long-term value in companies.

Develop innovative strategic approaches in business to improve their performance.

Communicate the results of the data analysis to personnel at any level of the organization through various presentation and visualization tools.

Undertake business with an ethical, strategic and innovative vision, generating synergies with collaborators who develop and promote solutions to social problems.

Evaluate the financial risks of the company, sizing the role of the different economic agents and their impact on decision-making.

Detect local, regional, national and international business opportunities, develop and monitor them.

PROGRAM CURRICULAR LINES

The program has a number of 56 courses that can be taken in a flexible curriculum in 8 school periods.

It is composed of:

General Education: General Courses, which consist of Academic Computation, Humanist Training, Language and Culture

Propedeutic training consisting of Basic Mathematics and Basic and Intermediate English level

Theoretical training Business Intelligence, Administration and Marketing, Mathematics, International Trade, Accounting and Senior Management and Law

Disciplinary Training that consists: Administration and Operations, Economics, Business Intelligence Technology Tools, Entrepreneurship, International Trade, Business Intelligence, Finance and Business

Research courses that consists: Research Methodology, Qualitative Research, Quantitative Research and Competitive Intelligence.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS								TH	TC
INSTRUMENTAL	**FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL**	**INSTITUTIONAL**	COMPUTING	Digital Tools and Community COM013							4.5	8
			HOLISTIC FORMATION	Person and Truth FHU006	Person and Freedom FHU007	Person, Family, and Society FHU008		Person and Transcendence FHU009			12	24
					Person and Contemporary Culture FHU010	Person and the Mexican Identity FHU011					6	12
			LANGUAGE AND CULTURE	Language and Culture Elective 1 OPI001	Language and Culture Elective 2 OPI002	Language and Culture Elective 3 OPI003	Language and Culture Elective 4 OPI004				18.0	40
FOUNDATIONAL		**PROFESSIONAL FOUNDATIONS**	BUSINESS INTELLIGENCE	Business Intelligence LIN100			Data Analysis in Spreadsheet LIN101				6	12
			ADMINISTRATION AND MARKETING	Managerial Environment LAE100	Marketing MER100						7.5	14
			MATHEMATICS	Mathematics for Business MEN002	Probability and Statistics MIN007	Multivariate Statistics MSH011					13.5	28
			INTERNATIONAL BUSINESS			International Business LCI106					3	6
			ACCOUNTANCY AND SENIOR MANAGEMENT		Financial Information System CAD100	Cost Information System CAD101					9	16
			LAW		Introduction to the Legal Framework and Commercial Aspects DER003						3	6
SPECIALIZED		**PROFESSIONAL**	MANAGEMENT				Direction of the Company's Strategic Growth LAE205	Strategic Leadership and Management of Change LAE209	Talent Management I LAE212	Talent Management II LAE213	12	24
								Operations Management LAE202			3	6
			ECONOMICS					Microeconomics ECO002	Macroeconomics ECO003	Innovation Economy ECO008	9	18
			TECHNOLOGICAL TOOLS FOR BUSINESS INTELLIGENCE				Technological Tools for Business Intelligence I LIN200	Technological Tools for Business Intelligence II LIN201	Data Mining I LIN202	Data Mining II LIN203	12	24
			ENTREPRENEURSHIP			Entrepreneurial Model EMP001	Entrepreneurship Elective OEM001				7.5	13
			INTERNATIONAL BUSINESS						International Project Planning LCI005	International Negotiation Strategies LCI207	6	12
			BUSINESS INTELLIGENCE				Business Process Analysis LIN204	Business Intelligence Architecture LIN205	Market Intelligence LIN206		9	18
			FINANCE				Financial Topics of the Profession CAD400	Finance AFB101	Operational and Financial Risk Management AFB211		7.5	16
			BUSINESS					Business Management System LIN207	Strategic Tools for Business Intelligence LIN208	Patents, Brands, and Franchises LAE301	9	18
		ELECTIVE	BUSINESS STRATEGY						Family Business LAE210	Collective Intelligence LIN300	6	12
			FINANCIAL MANAGEMENT						Stock Market and Fundamental Analysis AFB201	Mexican Financial System AFB001	6	12
			ENTREPRENEURSHIP						Entrepreneurship Elective OEM002	Entrepreneurship Elective OEM003	6	12
		CAPSTONE	INTEGRATION						Business Simulation LAE208	Integrative Seminar of Business Intelligence LIN400	6	12
										Consulting in Business Intelligence Projects LIN401	3	6
			RESEARCH			Research Methodology LAE001	Qualitative Research MER401	Quantitative Research MER402		Competitive Intelligence LIN402	12	26
			TOTAL	6	7	7	7	7	7	8	7	196.5	371

TC MX	371
TC USA	185

BACHELOR'S DEGREE IN
INSTITUTIONS MANAGEMENT

MODALITY: Grounded education

CAMPUS: TEHUACÁN

RVOE: SEP-SES/21/156/04/1003/2013

ACADEMIC PROGRAM PURPOSE

It trains professionals who manage hospitality and promote the sustainability of natural, socio-cultural, health comfort and recreational resources by solving problems related to the generation of services that require critical and ethical thinking, a global vision of the world, decision making supported by communication strategies, and the development of aesthetic and human sensitivity to ensure quality and profitability in the management of organizations and in the formation of innovative business networks.

ENTRY PROFILE

Knowledge

- Identifies basic math concepts.

- Recognizes the elements of basic English.

- Distinguishes in a practical way different Softwar.

Abilities and/or skills

 - Works in teams.

- Creates solutions to problems

- Applies the English language in a conversation with clients.

- Uses mathematical tools such as statistics to support research projects.

- Develops skills in food service management.

- Develops skills in providing customer service to the general public.

Attitudes and/or values

- Is empathetic.

- Strives to be disciplined.

- Is interested in gastronomy

- Is interested in developing a professional image.

Habits:

- Reading in English or Spanish.

- Interest in fine arts and movies in English without translation.

- Participation or collaboration in social and cultural activities in their community.

THE GRADUATION PROFILE FOR THE BACHELOR IN INSTITUTIONS MANAGEMENT

Reflects on the type of solutions to the administrative problems of service companies.

Applies specialized software in the administration of hospitality services.

Develops projects for civil societies.

Distinguishes the characteristics of quality and safety services required by the management of companies in the hospitality industry to evaluate their quality and safety.

Manages the organizational behavior of different institutions and service companies.

Trains personnel in quality certifications in the hospitality industry.

Observes the phenomena that develop in the economic and financial fields at local, national and international levels to manage the services of their profession.

Decides on solution strategies to promote services locally and internationally.

Finds courses of action based on criteria supported by official regulations.

Manages hospitality services.

Manages available resources taking into account certifications and their restrictions to achieve their goals.

Accepts their emotions, managing them in a constructive way to strengthen empathy in the provision of the service.

Is sensitive to art and participates in the appreciation and interpretation of its expressions in different cultures.

Assumes healthy lifestyles applying them in their work environment.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

BACHELOR'S DEGREE IN
PUBLIC ACCOUNTING

MODALITY: Grounded education

CAMPUS: TEHUACÁN

RVOE: SEP-SES/21//156/04/1710/2017

ACADEMIC PROGRAM PURPOSE

To train graduates in Public Accounting, who in a comprehensive manner and with an ethical and humanistic sense, design, analyze and evaluate financial and non-financial information, through the performance of functions and tasks involved with accounting, legal, administrative, budgetary, financial, contributions, internal control and auditing areas, to perform professionally with leadership in both public and private organizations, thus strengthening decision making in any business sector.

ENTRY PROFILE

Knowledge

- Identifies basic knowledge of accounting.

- Demonstrates elementary knowledge of mathematical logic language.

- Analyzes concepts of the economic, technological and social environment of Mexico and the globalized world.

Skills and/or abilities

- Shows analysis and synthesis skills.

- Manages computer packages: spreadsheet, word processor, presentations.

- Demonstrates orientation towards creative, scientific and reflective thinking.

- Makes decisions and solves elementary problems.

Attitudes and/or values

- Demonstrates respect, honesty and integrity to human dignity and the environment.

- Acts with ethical sense.

- Shows willingness to face challenges.

- Is inclined to integrate in multidisciplinary teams.

- Acts with an entrepreneurial and creative spirit.

Habits

- Study habits.

- Is punctual and orderly

- Reading habits

THE GRADUATION PROFILE FOR THE BACHELOR IN PUBLIC ACCOUNTING

Prepares and interprets financial statements in accordance with national and international standards or others considered important.

Builds reports that support management decision making focused on planning and budgeting, management costs, quality control and performance measurement.

Presents the current and future financial position of an organization.

Applies tax compliance and reporting requirements, as well as the laws and regulations governing the various forms of legal entities.

Identifies risks of misstatement in financial statements and considers their impact on audit strategy.

Promotes transparency in the disclosure of information in accordance with good corporate governance practices.

Evaluates the efficiency of the controls used by the entities, based on information technologies.

Assesses the environment in which the organization operates considering the economic, legal, political, social, technological, international and cultural forces.

Observes the external and internal factors that may influence the operation of the entity.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN PUBLIC ACCOUNTING (TEHUACAN CAMPUS)
GROUNDED EDUCATION

TYPE	COMPETENCIES	TRONCO	CURRICULUM AREAS									TH	TC
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	INSTITUTIONAL	COMPUTING	Digital Tools and Comunity COM005								2	4
			HUMANIST FORMATION	Person and Truth HUM010	Person and Freedom HUM011	Person, Family, and Society HUM012	Person and Contemporary Culture HUM014	Person and the Mexican Identity HUM015	Person and Transcendence HUM013			18	36
			ENGLISH		Advanced English I ING115	Advanced English II ING116	Global Perspective ING117					15	30
FOUNDATIONAL		PROFESSIONAL FOUNDATIONS	MATHEMATICS	Mathematical Reasoning LAE023	Descriptive Statistics LAE024	Inferential Statistics LAE025						12	24
			LEGAL		Titles and Credit Operations DER250	Commercial Societies DER251	Labor Law and its Relation to Social Security DER001					9	17
			ECONOMICS		Microeconomics LAE006	Macroeconomics LAE007						6	10
			MANAGEMENT		Managerial Environment LAE100	Human Talent LAE021						6	12
			ACCOUNTING AND FINANCIAL INFORMATION	Financial Accounting LCP100	Accounting Based on Financial Information Standards I LCP101	Accounting Based on Financial Information Standards II LCP102						15	30
			ACCOUNTING SYSTEM	Professional Fundamentals of Public Accounting LCP103								2	4
		PROFESSIONAL	MANAGERIAL ACCOUNTING				Cost Information System LCP200	New Trends in Costing Systems LCP201	Managerial Accounting System LCP202			11	22
			FISCAL AND CONTRIBUTIONS				Federal Tax Code LCP203	Social Security LCP204	Contributions I LCP205	Contributions II LCP206	Tax Update LCP207	17	34
			FINANCE			Financial Mathematics LAE004	Finance LAE005	Corporate Finance LCP208				9	18
			AUDIT AND RISK MANAGEMENT				Internal Control and Risk Management LCP209	International Standards on Auditing I LCP210	International Standards on Auditing II LCP211	Forensic and Governmental Auditing LCP212	Auditing Practices LCP213	15	30
			SPECIALIZED ACCOUNTING				Intermediate Accounting LCP214		Advanced Accounting LCP215	Specialized Accounting LCP216		9	18
			ENTREPRENEURSHIP					Direction of the Company's Strategic Growth LAE205	Entrepreneurial Models LAE026	Entrepreneurship Elective OAE001		10	19
			ADVANCED ACCOUNTING INFORMATION TECHNONOLGY						Information Technology in Accounting I LCP217	Information Technology in Accounting II LCP218	Comprehensive Enterprise Systems LCP219	11	22
SPECIALIZED		CAPSTONE	INTEGRATION								Accounting Seminar LCP300	3	6
			RESEARCH						Applied Research I LCP301		Applied Research II LCP302	6	12
			TOTAL	5	7	8	8	6	7	6	5	176	348

TC MX	348
TC USA	174

BACHELOR'S DEGREE IN
BUSINESS ADMINISTRATION

MODALITY: Grounded education

CAMPUS: TEHUACÁN

RVOE: SEP-SES/21/156/04/1002/2013

ACADEMIC PROGRAM PURPOSE

To train law professionals with a humanistic and ethical vision in accordance with the challenges implied by the new social and legal structures, the advances in technology, globalization, but at the same time the massification, the fading of borders and depersonalization, through the critical analysis of their environment, knowledge and application of the laws and regulations of the State and the development of acquired values in order to make effective their profile in the different substantive branches of law such as civil, criminal, commercial, constitutional, fiscal and international, to provide advice, resolve conflicts, carry judicial representation, serve as a public servant or investigate any legal area that society requires as a social leader.

ENTRY PROFILE

Knowledge

- Recognizes general topics of national and universal history, political geography of Mexico and universal, as well as values.

- Identifies elementary notions of law.

- Distinguishes which are the legal institutions.

- Defines the social problems of the environment and takes responsibility in the search for alternative solutions.

Skills

- Classifies some basic regulations.

- Manages critical and analytical thinking in the handling of information.

- Exposes ideas in a clear, concrete and organized way, both verbally and in writing.

Attitudes and/or values

- Is interested in cultural diversity

- Assumes with responsibility their individual and social commitments

- Possesses a creative, enthusiastic and innovative personality.

- Values service to others

- Honest by conviction

- Exercises a sense of fairness and loyalty

THE GRADUATION PROFILE FOR THE BACHELOR IN PUBLIC ACCOUNTING

1. Interprets the general principles of law and the legal system.

2. Identifies the organization of the country and the legal norms that regulate the states.

3. Applies the legal norms of the different branches of civil, criminal, labor, commercial, administrative and fiscal law that regulate and organize in different areas.

4. Applies justice and equity in all situations in which he/she intervenes.

5. Expresses himself orally in a fluent and technical language, using precise and clear legal terms.

6. Undertakes negotiation strategies and alternative dispute resolution.

7. Exercises legal argumentation and interpretation.

8. Develops negotiation and mediation strategies to solve conflicts.

9. Commits to a legal vision of the country and the principles that govern relations between states.

10. Values the relevance of the use of alternative means of conflict resolution.

11. Is aware of the ethical dimension of the legal professions and the social responsibility of the law graduate and act accordingly.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS									TH	TC
INSTRUMENTAL	HUMANIST, DISCIPLINARY, AND PROFESSIONAL COMPETENCIES	**INSTITUTIONAL**	COMPUTING	Digital Tools and Comunity COM001								2	4
			HUMANIST THINKING AND FORMATION	Fundamentals of Critical and Humanist Thinking HUM001	Structural Fundamentals of Critical Thinking HUM002	Academic Writing HUM003						9	18
					Person and Humanist Culture HUM004	Ethics and Social Responsibility HUM005			Humanist Formation Elective OHU001			9	18
			LANGUAGES	Language Elective 1 OID001	Language Elective 2 OID002	Language Elective 3 OID003	Language Elective 4 OID004					20	40
FOUNDATIONAL		**PROFESSIONAL FOUNDATIONS**	QUANTITATIVE DECISION-MAKING	Mathematics for Business LAE001	Descriptive Statistics LAE002	Inferential Statistics LAE003						9	18
			FINANCE				Financial Mathematics LAE004	Finance LAE005				6	12
			MARKETING	Marketing MER100								3	6
			LAW	Introduction to the Legal Framework and Mercantile Aspects DER002			Labor Law and its Relation to Social Security DER001					6	11
			ECONOMICS			Microeconomics LAE006	Macroeconomics LAE007					6	10
			ACCOUNTING			Financial Information System LAE008	Cost Information System LAE009					6	12
			MANAGEMENT		Managerial Environment LAE100	Management Structure and Processes LAE101	Purchasing and Inventory Management LAE102					9	18
				Introduction to the Business World LAE103	Organizational Behavior LAE104							6	12
SPECIALIZED		**PROFESSIONAL**	QUANTITATIVE DECISION-MAKING					Applied Quantitative Modeling in Support of Decision-Making LAE010				3	6
			ACCOUNTING					Managerial Accounting System LAE011	Contributions LAE012	Payments, Compensation and Social Security LAE013		10	18
			INNOVATION MANAGEMENT					Innovation Economy I LAE014	Innovation Economy II LAE015		Creation and Management of Knowledge in Organizations LAE200	9	16
			STRATEGIC MANAGEMENT						Forecasts LAE201			3	6
								Operations Management LAE202	Business Intelligence LAE016	Sustainable Businesses LAE203	Administrative Audit LAE204	12	24
			MANAGEMENT AND BUSINESS					Direction of the Company's Strategic Growth LAE205	Business Plan LAE206	Direction of Strategic Alliances and Negotiation LAE207	Business Simulation LAE208	12	24
							Strategic Leadership and Change Management LAE209		Family Business LAE210	Company Policy LAE211		9	16
			HUMAN RESOURCES					Talent Management I LAE212	Talent Management II LAE213			6	12
			ENTREPRENEURSHIP						Entrepreneurial Model LAE214	Entrepreneurship Elective OAE001		6	12
			COMPETITIVENESS							Sales Management LAE215	E-Commerce LAI001	6	11
										Quality Management Systems LAE017	International Negotiation Strategies LAI002	6	11
										Global Strategy and Competitiveness LAI003	Competitive Intelligence LAE018	6	11
		CAPSTONE	RESEARCH					Market Research MER004			Advanced Research MER403	6	12
AL				7	6	7	7	8	9	8	7	185	359

TC MX	359
TC USA	180

BACHELOR'S DEGREE IN

MARKETING

MODALITY: Grounded education

CAMPUS: TEHUACÁN

RVOE: SEP-SES/21/156/04/1004/2013

ACADEMIC PROGRAM PURPOSE

It trains professional experts in the management of marketing strategies, market research, advertising, sales promotion and new digital trends of the profession, through the critical analysis of their environment, the efficient management of information, and the creative and imaginative development of technological advances, in order to develop effective marketing strategies and high impact on organizations, as well as to support proper decision making with a holistic, ethical and socially committed vision.

ENTRY PROFILE

Knowledge

- Recognizes general topics in Management, Psychology and Social Sciences.

- Identifies basic notions of mathematics and statistics.

- Recognizes basic knowledge in the analysis and synthesis of information.

Skills

- Is enterprising and seeks continuous improvement

- Communicates orally and in writing

- Argues his ideas with clarity.

Attitudes and values

- Is interested in cultural diversity

- Assumes with responsibility his individual and social commitments

- Possesses a creative, enthusiastic and innovative personality.

- Values service to others

THE GRADUATION PROFILE FOR THE BACHELOR IN MARKETING

Recognizes problems and opportunities and develop actions to respond to them.

Distinguishes the fundamentals of consumer behavior.

Develops marketing strategies in the different areas of business.

Applies creativity and originality to offer innovative answers, with the courage and security to break paradigms that allow organizations to recognize methods to respond to problems and opportunities.

Develops service marketing programs

Generates a deep analysis of the new trends in current marketing.

Conducts adequate market research.

Develops sales and promotion proposals.

Uses the latest software advances applied to advertising.

Applies the principles of strategic planning.

Commits to a sustainable vision of marketing.

Develops integral strategic, tactical and operative plans of political marketing that allow participating in political institutions.

Implements marketing plans responding to the needs of companies, either in the solution of a problem or a business opportunity.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN MARKETING (TEHUACAN CAMPUS)

GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS									TH	TC
INSTRUMENTAL	HUMANIST, DISCIPLINARY, AND PROFESSIONAL COMPETENCIES	INSTITUTIONAL	COMPUTING	Digital Tools and Community COM005								2	4
			HUMANIST THINKING AND FORMATION	Fundamentals of Critical and Humanist Thinking HUM001	Structural Fundamentals of Critical Thinking HUM002	Academic Writing HUM003						9	18
					Person and Humanist Culture HUM004	Ethics and Social Responsability HUM005			Humanist Formation Elective OHU001			9	18
			LANGUAGES	Language Elective 1 OID001	Language Elective 2 OID002	Language Elective 3 OID003	Language Elective 4 OID004					20	40
FOUNDATIONAL		PROFESSIONAL FOUNDATIONS	ECONOMICS		Economics LAE020							3	6
			MARKETING	Marketing MER100	Consumer Behavior MER101	Creative Marketing Tools MER102	Innovation and Product Development MER103					12	24
			LAW	Introduction to the Legal Framework and Commercial Aspects DER005								3	6
			MATHEMATICS	Mathematics for Business LAE001	Descriptive Statistics LAE002	Inferential Statistics LAE003						9	18
			ACCOUNTING AND SENIOR MANAGEMENT			Financial Information System LAE008	Cost Information System LAE009					6	12
			MANAGEMENT				Managerial Environment LAE100	Direction of the Company's Strategic Growth LAE205				6	12
			SALES				Sales Management MER200	Sales Technique and Point of Sale MER201				6	12
			BANKING AND FINANCE				Financial Mathematics LAE004	Finance LAE005				6	12
SPECIALIZED		PROFESSIONAL	INDUSTRIAL ENGINEERING					Applied Quantitative Modeling in Support of Decision-Making LAE010				3	6
			ADVANCED MARKETING				PricingMER202	Distribution and Logistics MER203		Marketing Strategies MER204	Brand Managent MER205	12	24
								Political Marketing MER206	Relationship and Service Marketing MER207	Global Marketing MER208		9	18
								Promotion MER209	Social Marketing MER210			6	12
			DESIGN					Digital Marketing Art MER001	Digital Marketing Art MER002			8	10
			ADVANCED ACCOUNTING AND SENIOR MANAGEMENT						Management Models LAE019			3	8
			ADVANCED MANAGEMENT						Forecasts LAE201			3	6
			ENTREPRENEURSHIP						Entrepreneurial Model LAE214	Entrepreneurship Elective OAE001		6	12
			COMMERCIAL MARKETING							Corporate Image MER300	Emotional Intelligence and Service Management LAI231	6	12
										Strategy and Advertising in Alternative Media MER003	Service Quality Strategies LAI408	6	12
										Design and Marketing of Services and Events LAI230	International Negotiation Strategies LAI002	6	12
		CAPSTONE	INTEGRATION								Professional Development MER400	3	6
			RESEARCH		Quantitative Research MER401	Qualitative Research MER402					Advanced Research MER403	9	20
		TOTAL		6	7	7	7	7	8	6	6	0	0	171	340

TC MX 340
TC USA 170

BACHELOR'S DEGREE IN
MARKETING AND SALES MANAGEMENT

MODALITY: Semi-Grounded education

CAMPUS: PUEBLA

RVOE: 20192179

ACADEMIC PROGRAM PURPOSE

It trains graduates in Marketing and Sales Management with a humanistic approach and ethical sense, who contribute to provide solutions to problems and/or detect business opportunities, through the development of marketing planning in decision making in national and international markets, to formulate and implement commercial and technological strategies, focused on the needs of consumers.

ENTRY PROFILE

Knowledge

- Explain the elements that are used mathematical logic language.

- Logically classifies symbols and figures.

- Analyzes the impact of globalization on the functioning of the economy.

- Interprets the observation, analysis and synthesis of data in the marketplace.

Abilities and/or skills

- Employs oral and written communication in interpersonal relationships.

- Executes tasks and procedures in market analysis.

- Observes qualitative and quantitative data for decision making.

- Employs the English language at a basic level.

Attitudes and values

- Is aware of the impact on societal needs.

- Values collaborative and disciplinary work.

- Demonstrates tolerance and openness to new ideas.

THE GRADUATION PROFILE FOR THE BACHELOR IN MARKETING AND SALES MANAGEMENT

Designs marketing strategies in the national and international business world.

Generates competitive and strategic marketing and merchandising plans and programs

Builds business prototypes focused on reliable products and services for consumers.

Develops technological tools focused on the global commercial.

Gathers quantitative and qualitative information to guide analytical results.

Uses communication strategies to insert into the marketing process.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN MARKETING AND SALES MANAGEMENT

SEMI-GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS	C1	C2	C3	C4	C5	C6	C7	C8	C9	TH	TC
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	INSTITUTIONAL	HUMANIST FORMATION										6	18
FOUNDATIONAL		PROFESSIONAL FOUNDATIONS	QUANTITATIVE DECISION-MAKING										6	14
			ECONOMICS										4	12
			LAW										4	12
			ACCOUNTING										8	16
			MANAGEMENT AND BUSINESS										6	14
			MARKETING										8	19
SPECIALIZED		PROFESSIONAL	SPECIALIZED FINANCE		Management and Assessment of Investment Projects LCP301								8	20
			MARKETING PSYCHOLOGY										4	16
			MARKETING AND TECHNOLOGY		Strategy and Advertising in Alternative Media MGV201							Digital Marketing Art MGV203	6	18
			ADVANCED MARKETING	Price Determination MGV204		Promotion Strategies MGV205	Marketing Strategies MGV206		Supply Chain CIL206			Marketing Plan MGV207	12	38
			ADVANCED MANAGEMENT AND BUSINESS						Management Models LCP106		Business Intelligence LAE208		6	19
			RELATIONSHIP MARKETING			Relationship Marketing MGV209	Public Relations MGV210						4	10
			SALES	Post-sale and Client Loyalty MGV215		Sales Strategies MGV212	Point of Sale Strategies MGV213			Sales Team Leadership MGV214			10	35
		CAPSTONE	ENTREPRENEURSHIP	Entrepreneurship LAE213				Fundamentals of Entrepreneurship LAE007		Business Plan LAE215		Business Simulation LAE205	10	28
			RESEARCH					Market Quantitave Research MGV301					4	16
			TOTAL	3	2	3	3	2	2	2	2	2	106	305

TC MX	305
TC USA	153

BACHELOR'S DEGREE IN

INTERNATIONAL TRADE AND LOGISTICS

MODALITY: Semi-Grounded education

CAMPUS: PUEBLA

RVOE: 20192099

ACADEMIC PROGRAM PURPOSE

It trains graduates in International Trade and Logistics who, in an integral manner and with an ethical and humanistic sense, generate and apply international marketing strategies and supply chain management, through the analysis and construction of plans and/or projects for the import-export of goods and merchandise, use and application of technological tools in business intelligence, to plan and execute actions and projects that contribute competitiveness to the national and international industry, taking advantage of the benefits offered by the commercial opening of our country.

ENTRY PROFILE

Knowledge

- Analyzes the elements contained in an entrepreneurship program in the national or international business and/or commercial area.

- Recognizes the basic elements of mathematics - arithmetic, algebra and probability.

- Identifies the Microsoft Office package, Internet navigation.

- Distinguishes the fundamental notions of the national and international political and economic environment of our country.

Abilities and/or skills

- Uses oral and written communication techniques in interpersonal relationships.

- Observes and analyzes national and international contexts.

- Proposes solutions to solve problems

Attitudes and/or values

- Is inclined to self-independent learning.

- Is concerned about community service

- Is aware of teamwork

- Is inclined to interact with people from other countries.

THE GRADUATION PROFILE FOR THE BACHELOR IN INTERNATIONAL TRADE AND LOGISTICS

Designs projects or plans for the import or export of merchandise in order to carry out international commercial business.

Applies the legal provisions that regulate import and export operations in the country's customs.

Classifies goods and/or merchandise course to international trade, based on the Harmonized Commodity Description and Coding System.

Implements distribution channels to optimize supply chain processes.

Builds economic and financial strategies to evaluate the viability of international trade projects.

Organizes logistics operations in different environments and international trade routes.

Uses virtual platforms as an alternative to other international business models.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN INTERNATIONAL TRADE AND LOGISTICS
SEMI-GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS	Courses									TH	TC
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	INSTITUTIONAL	HUMANIST FORMATION										2	6
													4	12
FOUNDATIONAL		PROFESSIONAL FOUNDATIONS	INTERNATIONAL TRADE										2	6
													4	12
			LOGISTICS										4	12
			MATHEMATICS										8	20
			ECONOMICS										8	20
			MANAGEMENT										4	8
SPECIALIZED		PROFESSIONAL	COMMERCIAL LAW		International Treatises and Trade Agreements CIL203								8	32
			INTERNATIONAL TRADE						Electronic Strategies for Business CIL204				8	21
			BUSINESS		International Business CIL205		Business Plan LAE215				Business Simulation LAE205		6	18
			ADVANCED LOGISTICS		Inventory Management CIL207				Distribution Strategies CIL208		Supplier Certification CIL209		8	24
			MARKETING			Market Quantitative Research MGV301	Marketing Strategies MGV206						10	28
			APPLIED MANAGEMENT	Operations Management LAE207				Global Strategy and Competitiveness CIL210				Direction of the Company's Strategic Growth LAE200	10	26
			FINANCIAL ACCOUNTING	Managerial Accounting System LCP200						Corporate Finance LCP216		Management and Evaluation of Investment Projects LCP301	14	30
		CAPSTONE	INTEGRATION	International Economic Integration CIL300			Trade and Logistics in the Americas CIL301	Trade and Logistics in Europe CIL302		Trade and Logistics in Asia CIL303			8	28
			TOTAL	3	3	2	2	2	2	2	2	2	**108**	**303**

TC MX	303
TC USA	152

BACHELOR'S DEGREE IN
PUBLIC ACCOUNTING

> MODALITY: Semi-Grounded education
>
> CAMPUS: PUEBLA
>
> RVOE: 20192101

ACADEMIC PROGRAM PURPOSE

It trains graduates in Public Accounting who, in a comprehensive manner and with an ethical and humanistic sense, design, manage and evaluate both financial and non-financial information, through the performance of functions and tasks involved in the areas of accounting, budgeting, legal, contributions, finance, administration, internal control and auditing, to perform professionally with leadership in both public and private organizations and strengthen management, control and decision making in a competitive manner in any business sector.

ENTRY PROFILE

Knowledge

- Identifies mathematical and statistical concepts.

- Recognizes basic concepts of the English language.

- Analyzes information technology concepts.

Skills and/or abilities

- Designs organizational processes.

- Manages information and communication technologies (ICT).

- Demonstrates oral and written communication skills.

- Executes financial tasks and procedures in an orderly manner.

- Applies critical thinking to evaluate scenarios and make decisions.

- Demonstrates a preference for financial and economic topics.

Attitudes and/or values

- Shows teamwork and collaborative attitude in their environment.

- Values the importance of maintaining a proactive, innovative and entrepreneurial service attitude in a changing environment.

- Acts with a willingness to adapt to changing situations arising from unforeseen circumstances and a concern for achieving sustainable economic development.

THE GRADUATION PROFILE FOR THE BACHELOR IN PUBLIC ACCOUNTING

Demonstrates a sense of social responsibility and solidarity with the entire internal and external environment of the organization.

Implements the achievement of organizational objectives through delegation, communication, motivation, orientation, supervision, preservation of discipline, interpersonal conflict resolution, leadership, negotiation and change management in the company in which he/she is professionally inserted.

Executes successful negotiations of diverse nature that contribute to the achievement of organizational objectives.

Applies human talent management, marketing, finance, operations and acquisitions techniques to achieve organizational objectives.

Uses the resources offered by new information and electronic communication technologies to achieve organizational objectives.

Executes coordinated and efficient work in interdisciplinary and unidisciplinary teams to achieve organizational objectives.

Demonstrates ethics in their professional work.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN PUBLIC ACCOUNTING
SEMI-GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS																TICH	TOCH	TC
FOUNDATIONAL	INSTITUTIONAL, PROFESSIONAL, AND COURSE	INSTITUTIONAL	HUMANIST FORMATION	Person and Truth FHU006			Person, Family, and Society FHU008	Person and Transcendence FHU009											42	246	18
		PROFESSIONAL FOUNDATIONS	MATHEMATICS		Mathematics for Business MAT023	Statistics for Business MAT024													28	196	14
			LEGAL		Titles and Credit Operations DER230		Commercial Societies DER231	Labor Law and its Relation to Social Security DER001											42	246	18
			ACCOUNTING AND BASIC FINANCIAL INFORMATION	Financial Accounting LCP109		Accounting Based on Financial Information Standards I LCP110		Accounting Based on Financial Information Standards II LCP111	International Financial Reporting Standards LCP112										56	456	32
			ECONOMICS						Microeconomics LAE002	Macroeconomics LAE003									28	164	12
			FINANCIAL AND TECHNOLOGICAL TOOLS						Financial Mathematics LCP001	Management Models LCP106									28	164	12
			MANAGEMENT		Managerial Environment LAE105						Human Talent LAE006								28	196	14
DISCIPLINARY		PROFESSIONAL	MANAGERIAL ACCOUNTING								Cost Information System LCP108	New Trends in Costing Systems LCP223	Managerial Accounting System LCP221						42	342	24
			ACCOUNTING INFORMATION TECHNOLOGY									Information Technology in Accounting I LCP204			Information Technology in Accounting II LCP205			Comprehensive Business Systems LCP206	42	246	18
			AUDIT AND RISK MANAGEMENT									Internal Control and Risk Management LCP207		International Standards on Auditing I LCP208	International Standards on Auditing II LCP209		Forensic and Governmental Auditing LCP210		56	328	24
			FISCAL AND CONTRIBUTIONS									Federal Tax Code LCP211	Social Security LCP212			Contributions I LCP213	Contributions II LCP214	Tax Update LCP215	70	410	30
			BUSINESS MANAGEMENT									Direction of the Company's Strategic Growth LAE200	Entrepreneurs LAE216		Fundamentals of Entrepreneurship LAE007	New Public Management and Governance DER245			56	392	28
			FINANCIAL MANAGEMENT											Finance LCP002	Corporate Finance LCP216		Green Finance LCP217	Public Finance LCP218	56	328	24
			SENIOR MANAGEMENT AND SUSTAINABILITY													Direction of Strategic Alliances and Negotiation LAE201	Corporate Government LCP219	Financial Sustainability and Responsibility LCP220	42	246	18
		CAPSTONE	INTEGRATION													Specialized Accounting LCP300		Management and Assessment of Investment Projects LCP303	28	196	14
			RESEARCH															Applied Accounting Research LCP304	14	196	8
			TOTAL	2	3	2	2	3	2	3	2	3	3	3	2	3	3	3	3	3	2	658	4352	308

TC MX	308
TC USA	154

BACHELOR'S DEGREE IN
BUSINESS ADMINISTRATION

MODALITY: Semi-Grounded education

CAMPUS: PUEBLA

RVOE: 20192109

ACADEMIC PROGRAM PURPOSE

It trains professionals with strategic vision in the area of Business Administration, ethical and committed to society, expert in promoting the achievement of organizational objectives, through the management of its basic functions, and the diagnosis of specific administrative problems, in the corresponding proposal and implementation of innovative solutions; to develop new business models, achieving the coordination of interdisciplinary groups that allow the creation of other organizations, with a human sense.

ENTRY PROFILE

Knowledge

- Identifies mathematical and statistical concepts.

- Recognizes basic concepts of the English language.

- Analyzes information technology concepts.

Skills and/or Abilities

- Demonstrates ability in the management and design of organizational processes.

- Demonstrates an adequate use of information technologies.

Attitudes and/or Values

- Demonstrates teamwork and collaborative attitude in their environment.

- Demonstrates willingness to adapt to constant changes.

- Shows a proactive, innovative and enterprising attitude.

- Shows an attitude of service and self-improvement.

THE GRADUATION PROFILE FOR THE BACHELOR IN BUSINESS ADMINISTRATION

Promotes the feeling and inclination for service, to work with strategic leadership in organizations.

Develops awareness and sense of social responsibility and solidarity with all the internal and external environment of the organization.

Implements the achievement of organizational objectives through delegation, communication, motivation, orientation, supervision, preservation of discipline, interpersonal conflict resolution, leadership, negotiation and change management in the company in which he/she is professionally inserted.

Executes successful negotiations of diverse nature that contribute to the achievement of organizational objectives.

Applies human resources management techniques, marketing, finance, operations and acquisitions for the achievement of organizational objectives.

Promotes the creation of companies and other types of organizations, interacting when necessary with other professionals, as well as with governmental agencies and private organizations.

Optimally applies the resources offered by the new information and electronic communication technologies to achieve organizational objectives.

Manages family businesses, small and medium enterprises in various sectors.

Uses assertive communication to achieve organizational goals and maintain a favorable work environment.

Applies argumentative discourse in organizations.

Executes coordinated and efficient work in interdisciplinary and unidisciplinary teams to achieve organizational objectives.

Acts ethically in their professional activities.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN BUSINESS ADMINISTRATION
SEMI-GOUNDED EDUCATION

COMPETENCIES	CORE	CURRICULUM AREAS	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	TICH	TOCH	TC
INSTITUTIONAL, PROFESSIONAL, AND COURSE	INSTITUTIONAL	HUMANIST FORMATION	Person and Truth FHU006			Person, Family, and Society FHU008	Person and Transcendence FHU009														63	273	21
	PROFESSIONAL FOUNDATIONS	QUANTITATIVE DECISION-MAKING		Mathematics for Business MAT023	Statistics for Business MAT024																42	182	14
		FINANCE					Financial Mathematics LCP001	Finance LCP002													42	182	14
		MARKETING				Marketing MGV103															21	91	7
		LAW	Introduction to the Legal Framework and Commercial Aspects DER002				Labor Law and its Relation to Social Security DER001														42	182	14
		ECONOMICS						Microeconomics LAE002	Macroeconomics LAE003												42	182	14
		ACCOUNTING		Financial Information System LCP107					Cost Information System LCP108												42	182	14
		MANAGEMENT		Managerial Environment LAE105	Business World Environment LAE102	Management Structure and Processes LAE101		Organizational Behavior LAE103	Purchasing and Inventory Management LAE106												105	455	35
	PROFESSIONAL	MANAGEMENT AND BUSINESS								Direction of the Company's Strategic Growth LAE200		Direction of Strategic Alliances and Negotiation LAE201	Family Business LAE217	Company Policy LAE218	Business Simulation LAE205						112	448	35
		INNOVATION MANAGEMENT								Strategic Leadership and Change Management LAE202		Innovation Economy LAE004				Creation and Management of Knowledge in Organizations LAE219					77	259	21
		ACCOUNTING									Managerial Accounting System LCP221					Contributions LCP201	Payments, Compensation and Social Security LCP222				63	273	21
		QUANTITATIVE DECISION-MAKING									Applied Quantitative Modeling in Support of Decision-Making IND012										21	91	7
		STRATEGIC MANAGEMENT										Operations Management LAE207			Business Intelligence LAE208		Sustainable Businesses LAE220	Administrative Audit LAE210			84	364	28
		HUMAN RESOURCES											Talent Management I LAE211	Talent Management II LAE212							42	182	14
		ENTREPRENEURSHIP											Entrepreneurs LAE216				Fundamentals of Entrepreneurship LAE007		Business Plan LAE215		63	273	21
		SALES												Sales MGV102				Sales Techniques MGV211	Sales Strategies MGV212	Retail Sales MGV005	84	364	28
	CAPSTONE	RESEARCH																		Market Research MGV006	21	91	7
		TOTAL	2	3	2	3	3	3	3	2	2	3	3	3	2	2	3	2	2	2	966	4074	315

TC MX	315
TC USA	158

BACHELOR'S DEGREE IN

BUSINESS ADMINISTRATION

MODALITY: Online education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/2127/2018

ACADEMIC PROGRAM PURPOSE

It trains ethical professionals committed to society, expert in promoting the achievement of organizational objectives and with strategic vision in the area of business administration, through the diagnosis of specific administrative problems and the management of information technologies, to implement innovative solutions and develop new business models that allow the creation and coordination of interdisciplinary groups or organizations with human sense and global

ENTRY PROFILE

Knowledge

- Identifies mathematical concepts.

- Recognizes technology concepts.

- Identifies English concepts.

Skills and/or Abilities

- Demonstrates oral and written ability.

- Demonstrates decision-making skills and effectiveness in achieving results.

- Shows ability in the use of basic 2.0 tools.

Attitudes and/or Values

- Demonstrates willingness for collaborative teamwork and interpersonal relationships.

- Shows proactive, innovative, entrepreneurial and service-oriented attitude.

- Is inclined to an attitude of self-improvement and social commitment.

- Appreciates the importance of making value judgments.

- Is aware of new communication technologies.

Habits:

- Is inclined to perform ethical and honest work.

- Appreciates discipline and order in their activities.

THE GRADUATION PROFILE FOR THE BACHELOR IN BUSINESS ADMINISTRATION

CURRICULAR MAP

Develops awareness and sense of social responsibility and solidarity, with all the internal and external environment of the organization.

Coordinates the achievement of organizational objectives through delegation, communication, motivation, orientation, supervision, preservation of discipline, interpersonal conflict resolution, leadership, negotiation and change management in the company in which he/she is professionally inserted.

Executes successful negotiations of diverse nature that contribute to the achievement of organizational objectives.

Applies human resources management techniques, marketing, finance, operations and acquisitions for the achievement of organizational objectives.

Plans the creation of companies and other types of organizations, interacting when necessary with other professionals, as well as with governmental agencies and private organizations.

Optimally applies the resources offered by the new information and electronic communication technologies to achieve organizational objectives.

Manages family businesses or small and medium enterprises in various sectors, as well as develops and effectively applies intervention or consulting skills in companies.

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN BUSINESS MANAGEMENT
ONLINE EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS	Courses	TICH	TOCH	TC
FOUNDATIONAL	INSTITUTIONAL, PROFESSIONAL, AND COURSE	INSTITUTIONAL	DIGITAL COMPETENCIES	Digital Learning Tools ATI001	0	96	6
			HUMANIST THINKING AND FORMATION	Person and Freedom FHU004; Humanist Formation Elective OFH001	0	192	12
				Study Methods for the Development of Thought and Language I IAE001; Study Methods for the Development of Thought and Language II IAE002	0	192	12
		PROFESSIONAL FOUNDATIONS	LANGUAGE AND CULTURE	Intercultural Management LCI111	0	96	6
			QUANTITATIVE DECISION-MAKING	Mathematics for Business LAE001; Descriptive Statistics LAE002	0	256	16
			ACCOUNTING	Financial Information System LCP100; Cost Information System LCP101; Managerial Accounting System LCP102	0	384	24
			MANAGEMENT	Managerial Environment LAE100; Management Structure and Processes LAE102; Organizational Behavior and Development LAE103; Business World Environment LAE104; Strategic Leadership and Change Management LAE105	0	512	32
			MARKETING	Marketing LAE003; International Marketing LAE013	0	192	12
			LAW	Legal Framework Environment DER002; Labor Law DER225	0	192	12
			ECONOMICS	Microeconomics LAE005; Macroeconomics LAE006	0	192	12
			FINANCE	Financial Mathematics LAE009; Finance LCP001	0	192	12
DISCIPLINARY		PROFESSIONAL	QUANTITATIVE DECISION-MAKING	Applied Quantitative Modeling in Support of Decision-Making IPI002	0	128	8
			STRATEGIC MANAGEMENT	Operations Management IPI001; Direction of the Company's Strategic Growth LAE101; Business Intelligence LAE300	0	288	18
			HUMAN RESOURCES	Talent Management I LAE202; Talent Management II LAE203	0	192	12
			MANAGEMENT AND BUSINESS	Family Business LAE204; Direction of Strategic Alliances and Negotiation LAE205; Company Policy LAE206; Business Simulation LAE207	0	384	24
			INNOVATION MANAGEMENT	Innovation Economy LAE014; Creation and Management of Knowledge in Organizations LAE208	0	192	12
			ACCOUNTING	Contributions LCP300; Payments, Compensations, and Social Security LCP200; Administrative Audit LAE204	0	320	20
			ENTREPRENEURSHIP	Entrepreneurial Model LAE010; Entrepreneurship I LAE011; Entrepreneurship II LAE012	0	304	19
			BUSINESS SETUP	Company Management LAE210; Company Competitiveness LAE211; Starting a Company LAE212	0	384	24
		CAPSTONE	RESEARCH	Market Research LAE004; Pre-Graduation Seminar IAE401	0	224	14
			TOTAL	3 3 3 3 3 3 3 3 3 3 3 3 3 2	0	4912	307

TC MX	307
TC USA	154

BACHELOR'S DEGREE IN

INTERNATIONAL TRADE

MODALITY: Online education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/2081/2017

ACADEMIC PROGRAM PURPOSE

It trains professionals in a comprehensive manner with ethical and humanistic sense, to manage public and private operations of International Trade, through the analysis of trends and challenges posed by the national and international environment, as well as the implementation of strategies for import and export of goods, so that with the use of technological tools actions and projects are planned, which contribute to improving competitiveness within and outside organizations

ENTRY PROFILE

Knowledge

- Identifies basic concepts of Mathematics and national and international Geography.

- Recognizes basic concepts of the English language.

- Identifies basic concepts of technological tools.

Abilities

- Uses oral and written communication techniques.

- Basic use of Office software and Internet navigation.

- Observes national and international contexts of commercial exchange.

Values

- Values the importance of self-independent learning.

- Shows interest in interacting with people from other countries.

- Is organized in his/her activities and work.

Habits

- Reading habits.

- Punctuality.

- Study habits.

THE GRADUATION PROFILE FOR THE BACHELOR IN INTERNATIONAL TRADE

Manages legal, administrative and mercantile aspects that regulate international trade.

Develops import and export strategies for the search, evaluation, selection and development of international markets.

Show intercultural negotiation skills to generate new business opportunities that are characterized by ethics and social responsibility.

Designs commercial projects, identifying global market trends and opportunities.

Implements the trends and challenges of the national and international environment, to propose practical solutions to trade.

Applies technological tools in actions and projects for international exchange.

Uses the theoretical references about the different geographical regions in the world to plan shipping routes.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN INTERNATIONAL TRADE
ONLINE EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS	Courses															TICH	TOCH	TC
FOUNDATIONS	INSTITUTIONAL PROFESSIONAL, AND COURSE	INSTITUTIONAL	DIGITAL COMPETENCIES	Digital Learning Tools ATI001															0	96	6
			HUMANIST THINKING AND FORMATION	Person and Freedom FHU004		Humanist Formation Elective OFH001													0	192	12
					Study Methods for the Development of Thought and Language I IAE001	Study Methods for the Development of Thought and Language II IAE002													0	192	12
		PROFESSIONAL FOUNDATIONS	MATHEMATICS		Mathematics for Business LAE001	Descriptive Statistics LAE002													0	256	16
			MANAGEMENT		Managerial Environment LAE100	Direction of the Company's Strategic Growth LAE101													0	224	14
			INTERNATIONAL TRADE	Fundamentals of International Trade LCI110		Intercultural Management LCI111	Tariff Legislation LCI112	International Trade Law LCI113											0	384	24
			ACCOUNTING AND ECONOMICS			Microeconomics LAE005		Macroeconomics LAE006	Financial Information System LCP100	Cost Information System LCP101								0	448	28
DISCIPLINARY		PROFESSIONAL	REGIONAL STUDIES						Geography and Economic Integration LCI214	American Studies LCI215	Asian Studies LCI216	European Studies LCI217	African and Middle East Studies LCI218					0	480	30
			INTERNATIONAL TRADE LAW						Customs Legislation LCI219	Customs Operations LCI220	Procedures and Documentation of International Trade LCI221			Taxes on Foreign Trade LCI222		International Treatises and Trade Agreements LCI223		0	512	32
			INTERNATIONAL TRADE						International Business LCI224				E-commerce LCI225	Global Strategy and Competitiveness LCI226		International Negotiation Strategies LCI227		0	384	24
											International Quotations LCI228	Payment Options and International Contracts LCI229			International Business Plan LCI230			0	288	18
			MARKETING							Marketing LCI231		International Market Research LCI232						0	192	12
			LOGISTICS										Operations Management IPI001	International Logistics LCI233	Supply Chain LCI234	Supplier Certification LCI235		0	384	24
			FINANCE AND ECONOMICS								Financial Mathematics LAE009	Finance LCP001	International Economics LCI236					0	288	18
			MANAGEMENT AND ENTREPRENEURIAL DEVELOPMENT										Entrepreneurship I LAE011		Entrepreneurship II LAE012			0	192	12
																Patents, Brands, and Franchises LAE200			0	96	6
		CAPSTONE	RESEARCH													Research Methods and Techniques IAE400	Pre-Graduation Seminar IAE401		0	224	14
			TOTAL	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0	4832	302

TC MX	302
TC USA	151

BACHELOR'S DEGREE IN

PUBLIC ACCOUNTING

MODALITY: Online education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/2124/2018

ACADEMIC PROGRAM PURPOSE

It trains graduates in Public Accounting who, in a comprehensive manner and with an ethical and humanistic sense, design, manage and evaluate both financial and non-financial information, through the performance of functions and tasks involved in the areas of accounting, budgeting, legal, contributions, finance, administration, internal control and auditing, to perform professionally with leadership in both public and private organizations and strengthen management, control and decision making in a competitive manner in any business sector.

ENTRY PROFILE

Knowledge

- Identifies mathematical and statistical concepts.

- Recognizes basic concepts of the English language.

- Analyzes information technology concepts.

Skills and/or abilities

- Designs organizational processes.

- Manages information and communication technologies (ICT).

- Demonstrates oral and written communication skills.

- Executes financial tasks and procedures in an orderly manner.

- Applies critical thinking to evaluate scenarios and make decisions.

- Demonstrates a preference for financial and economic topics.

Attitudes and/or values

- Shows teamwork and collaborative attitude in their environment.

- Values the importance of maintaining a proactive, innovative and entrepreneurial service attitude in a changing environment.

- Acts with a willingness to adapt to changing situations derived from unforeseen situations and a concern for achieving sustainable economic development.

Habits

- Order in their activities.

- Habits of cleanliness in the delivery of their work.

- Study habits.

Uses the resources offered by the new information and electronic communication technologies for the review and feedback of the results of the financial information.

Executes coordinated and efficient work in interdisciplinary and unidisciplinary teams to detect internal and external factors that influence the functioning of the environment.

Applies research concepts and strategies to propose and provide solutions to the accounting needs of the organization.

Demonstrates ethics in their professional work.

Ethically uses information technologies to favor the direction and management of accounting systems.

THE GRADUATION PROFILE FOR THE BACHELOR IN PUBLIC ACCOUNTING

Demonstrates social responsibility and solidarity with all the internal and external environment of the organization.

Executes negotiations where he/she integrates managerial and management concepts, for the achievement of the organizational objectives where he/she is professionally inserted.

Applies human talent management techniques, marketing, finance, operations and financial acquisitions for the achievement of organizational objectives.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN PUBLIC ACCOUNTING

ONLINE EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS	Courses															TICH	TOCH	TC
FOUNDATIONAL	INSTITUTIONAL, PROFESSIONAL, AND COURSE	INSTITUTIONAL	COMPUTING	Digital Learning Tools ATI001															0	96	6
			HUMANIST THINKING AND FORMATION		Person and Freedom FHU004		Humanist Formation Elective OFH001												0	192	12
				Study Methods for the Development of Thought and Language I IAE001		Study Methods for the Development of Thought and Language II IAE002													0	192	12
		PROFESSIONAL FOUNDATIONS	MATHEMATICS		Mathematics for Business LAE001		Descriptive Statistics LAE002												0	256	16
			LEGAL		Titles and Credit Operations DER213	Commercial Societies DER216	Labor Law and its Relation to Social Security DER009												0	288	18
			ACCOUNTING AND BASIC FINANCIAL INFORMATION	Financial Accounting LCP103		Accounting Based on Financial Information Standards I LCP104	Accounting Based on Financial Information Standards II LCP105	International Financial Reporting Standards LCP106											0	512	32
			ECONOMICS					Microeconomics LAE005	Macroeconomics LAE006										0	192	12
			FINANCIAL AND TECHNOLOGICAL TOOLS					Financial Mathematics LAE009	Management Models LCP107										0	192	12
			MANAGEMENT				Managerial Environment LAE100	Human Talent LAE015											0	224	14
DISCIPLINARY		PROFESSIONAL	MANAGERIAL ACCOUNTING					Cost Information System LCP101	New Trends in Costing Systems LCP201	Managerial Accounting System LCP102									0	384	24
			ACCOUNTING INFORMATION TECHNOLOGY						Information Technology in Accounting I LCP202	Information Technology in Accounting II LCP203	Comprehensive Business Systems LCP204								0	288	18
			AUDIT AND RISK MANAGEMENT						Internal Control and Risk Management LCP205	International Standards on Auditing I LCP206	International Standards on Auditing II LCP207	Forensic and Governmental Auditing LCP208							0	384	24
			FISCAL AND CONTRIBUTIONS							Federal Tax Code LCP209	Social Security LCP210	Contributions I LCP211	Contributions II LCP212	Tax Update LCP213					0	480	30
			BUSINESS DIRECTION							Direction of the Company's Strategic Growth LAE101				Entrepreneurship I LAE011	Entrepreneurship II LAE012	New Public Management and Governance DER004			0	384	24
			FINANCIAL MANAGEMENT								Finance LCP001	Corporate Finance LCP214	Public Finance LCP216						0	288	18
			SENIOR MANAGEMENT AND SUSTAINABILITY										Direction of Strategic Alliances and Negotiation LAE205	Corporate Government LCP217	Financial Sustainability and Responsibility LCP218				0	288	18
		CAPSTONE	INTEGRATION												Specialized Accounting LCP302	Management and Assessment of Investment Projects LCP303			0	224	14
			RESEARCH												Research Methods and Techniques IAE400	Pre-Graduation Seminar IAE401			0	224	14
TOTAL				3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	0	5088	318

TC MX	318
TC USA	159

MASTER'S DEGREE IN

ORGANIZATIONAL MANAGEMENT

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/999/2013

ACADEMIC PROGRAM PURPOSE:

It trains Masters in Organizational Management with competencies in management, administration, finance, marketing, logistical and technological development and human talent management through the formulation and implementation of organizational strategies with strategic leadership, in order to promote the creation, management, promotion, development and renewal of organizations and thus contribute to the welfare and prosperity of the community, the region and the country.

ENTRY PROFILE

Knowledge

- Distinguishes basic concepts of decision making tools.

- Identifies the fundamentals of business management.

- Distinguishes general concepts in marketing and international trade.

- Identifies the fundamentals of finance and economics.

- Identifies products with business potential.

Skills

- Works in teams and group management.

- Manages computer information.

- Analyzes options and makes decisions.

- Creative Capacity.

- Analysis, Synthesis And Problem Solving.

- Leadership And Entrepreneurship

- Is Directed Towards Multidisciplinary Self-Education.

- Fluent In English.

- Handles Virtual Information.

Attitudes and Values

- Honesty and generosity.

- Tolerance and openness to different cultures.

- Ethics and social responsibility.

- Leadership and service mission.

- Sensitivity to social needs.

- Prioritizes social problems related to the business sector.

- Taste for research.

Habits

- Daily reading.

- Study autonomy

- Self-discipline

- Organized

THE GRADUATION PROFILE FOR THE MASTER IN ORGANIZATIONAL MANAGEMENT

Exercise the direction and leadership of the organization, relying on its collaborators, capacities and needs in a multinational setting.

Build financial and economic plans that allow achieving national and international business competitiveness.

Prepare information and market research and state-of-the-art electronic commerce.

Undertake business projects to project national products and services to foreign users.

Plan the internal processes and structures of your organization taking into account the efficiency in the use of its resources.

Have business intelligence and business systems to attend the logistics and distribution of its products and services.

Design international business plans based on knowledge of trade agreements, which allow achieving global competitiveness.

PROGRAM CURRICULAR LINES

General Education A general course that consists of giving emphasis to the training of the student under the profile of the UPAEP.

Propedeutic Training: does not apply

Theoretical training that show 4 courses typical of the area that allow students a training of a disciplinary nature.

Disciplinary Training that consists that concentrates optional courses, in terms of specialized training in some complementary area of the discipline.

Research courses thaT consists: Its purpose lies in the development of skills for the preparation of students in their completion and graduation phase of the academic program.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

MASTER'S DEGREE IN ORGANIZATIONAL MANAGEMENT

GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS							TH	TC
INSTRUMENTAL	HUMANIST, DISCIPLINARY, AND PROFESSIONAL COMPETENCIES	INSTITUTIONAL (MANDATORY)	STRATEGIC MANAGEMENT	Organizational Management and Leadership ORG550						3	6
			HUMAN DEVELOPMENT	Leadership and Service Mission HUM560						3	7
			HUMAN TALENT	Human Processes in Organizational Management ORG554						3	6
FOUNDATIONAL AND SPECIALIZED		PROFESSIONAL	STRATEGIC MANAGEMENT (MINIMUM 1)	Elective Course in Strategic Management							
			SOCIAL SCIENCES (MINIMUM 1)	Elective Course in Social Sciences							
			ECONOMICS AND FINANCE (MINIMUM 1)		Elective Course in Economics and Finance						
			MARKETING AND STRATEGIC SALES (MINIMUM 1)		Elective Course in Marketing and Strategic Sales						
			HUMAN TALENT			Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	27	57
			LOGISTICS, MANUFACTURING, AND QUALITY								
			INFORMATION TECHNOLOGY AND DECISION-MAKING METHODOLOGY								
		CAPSTONE	REFRESHER AND INTEGRATION SEMINARS								
			RESEARCH								
		TOTAL								36	76

TC MX   76
TC USA   38

MASTER'S DEGREE IN
MANAGEMENT AND FINANCE

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/1716/2017

ACADEMIC PROGRAM PURPOSE

o train highly competent Masters in Management and Finance in the analysis of the way in which both financial markets and national and international economic systems operate, managing the main financial sectors of both private and public organizations, designing, developing and evaluating strategic practices aimed at optimizing financial resources for the creation of economic value and investment projects that are useful to society, taking into account humanistic, ethical and moral values.

ENTRY PROFILE

Knowledge

- Analyzes the elements of basic accounting.

- Analyzes the economic and financial environment.

- Distinguishes the basic elements of economics.

- Distinguishes computer support packages.

- Identifies the most used software applications in the financial field.

- Understands the principles of business administration.

- Analyzes information related to economic and financial phenomena.

Abilities And/Or Skills

- Handles the basic tools of mathematics.

- Resolves conflicts through negotiation techniques.

- Applies an interdisciplinary vision in problem solving.

- Is capable of making decisions.

- Establishes interpersonal relationships.

- Uses effective communication as a performance tool.

- Generates teamwork.

- Reads and listens to the English language.

Values And/Or Attitudes

- Is honest.

- Assumes an attitude of service to the community.

- Shows mission of service.

- Appreciates human values.

- Is committed to the educational improvement of the country.

- Is proactive with respect to the design and implementation of change processes.

- Works in accordance with moral and ethical values.

- Is interested in the UPAEP educational model.

Habits

- Methodical and hierarchical work.

- Interest in constant updating.

- Attachment to reading for analysis and consultation.

- Respect for the human being.

- Sociability

THE GRADUATION PROFILE FOR THE MASTER IN MANAGEMENT AND FINANCE

Identify the financial needs of the company and the environment in which it participates in order to establish solid foundations in making financial decisions.

Distinguish the different areas that make up the company and impact the organization's processes in order to innovate the design of budget systems.

Manage the risks inherent in business to respond efficiently to sudden changes in financial and economic conditions.

Prepare portfolios and investment projects in order to develop stock exchange plans that respond to the needs and requirements of investors.

Make decisions within organizations, incorporating the microeconomic and macroeconomic environment.

Use modern financial hedging instruments to minimize the effects on the company of adverse economic movements.

Analyze the logistics of the company to determine its importance in achieving the goals proposed by the administration.

Use technological resources and databases to carry out quantitative research in the economic and financial area.

Exercise effective and fair leadership as an essential element in the responsible and humanistic management of organizations.

Assume an ethical and moral commitment for the honest and responsible management of financial resources that leads to a beneficial social impact

PROGRAM CURRICULAR LINES

The program has a number of 12 courses that can be studied in a flexible curriculum ranging from 6 to 12 school periods.

General Education General Courses, which consists of incorporating in our students the humanistic seal of our institution based on the common good

Propedeutic Training: does not apply

Theoretical training which consists of providing the financial bases of a practical and theoretical financial order for the development of their individual curricular plan through the flexible plan

Disciplinary Training that consists   which consists of professionalizing students in a disciplinary area that best suits their educational, professional and personal interests

Research courses that consists: which consists of working on research methodologies to carry out research documents, thesis or practical work

CURRICULAR MAP:

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

MASTER'S DEGREE IN MANAGEMENT AND FINANCE

ONLINE EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS									TH	TC
INSTRUMENTAL	HUMANIST, DISCIPLINARY, AND PROFESSIONAL COMPETENCIES	INSTITUTIONAL (MANDATORY)	**MANAGEMENT AND FINANCIAL ECONOMICS**	Financial Mathematics ECO550	Corporate Finance ECO552							6	14
			STOCK TRADING STRATEGY	Stock Finance ECO553								3	7
			HUMAN DEVELOPMENT	Leadership and Service Mission HUM560								3	7
FOUNDATIONAL AND SPECIALIZED		PROFESSIONAL	**MANAGEMENT AND FINANCIAL ECONOMICS (Minimum 2)**	Elective Course in Management and Financial Economics	Elective Course in Management and Financial Economics								
			STOCK TRADING STRATEGY										
			ORGANIZATIONAL MANAGEMENT										
			DECISION-MAKING METHODOLOGY			Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	24	49
			INFORMATION TECHNOLOGY										
		CAPSTONE	**RESEARCH AND INTEGRATION SEMINARS**										
			RESEARCH										
			TOTAL									**36**	**77**

TC MX	77
TC USA	39

MASTER'S DEGREE IN

MANAGEMENT AND MARKETING

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/987/2013

ACADEMIC PROGRAM PURPOSE

It trains highly competent teachers in Management and Marketing through the development of three areas: identification and integral analysis of markets and marketing processes; strategic positioning of products and services; and analysis of consumer behavior, with the purpose of solving market problems in a creative, ethical and socially responsible manner that generates a strategic commercial management.

ENTRY PROFILE

Knowledge

- Defines management and market strategies.

- Examines texts in English.

- Updated in their theoretical training in the disciplines that study market behaviors.

- Distinguishes the technological resources available to deepen and broaden their learning.

Abilities And/Or Skills

- Employs argumentation and reasoning in strategic management and market situations.

- Applies their capacity for analysis and synthesis in problem solving.

- Uses texts in English.

- Expresses ideas clearly.

- Manages clear written and oral arguments.

- Locates, selects and uses information from diverse sources necessary for their professional training.

- Undertakes innovative projects.

- Expresses and communicates abstract reasoning.

- Researches solutions to established problems.

- Evaluates different market practices and processes

- Selects, analyzes, evaluates and shares information from diverse sources.

Attitudes And/Or Values

- Assumes commitments in a responsible manner.

- Has a disposition for scientific research.

- Works collaboratively.

- Values teamwork.

- Assumes his profession as a life career.

- Prioritizes service to others.

Habits

- Studies autonomously.

- Researches and organizes information related to her graduate studies.

- Likes to read diverse texts.

- Adopts order and cleanliness behaviors.

- Orders resources and learning material.

- Manages established work schedules.

THE GRADUATION PROFILE FOR THE MASTER IN MANAGEMENT AND MARKETING

Prepare market analysis with the appropriate information technology tools for each business context to support their decision-making

Collaborate in multidisciplinary teams with a broad vision of business.

Observe social responsibility and professional ethics, developing awareness and sense of solidarity with the environment.

Acquire a critical attitude towards social, technical and scientific changes

Systematize, based on quantitative and qualitative research methodologies, economic, commercial and marketing processes at a business, industrial, local, regional or global level.

Develop marketing strategies, based on established methods in market management to implement innovations in the investigative process.

Discover consumer behaviors that allow you to evaluate, design and implement new options in solving market study and management problems.

PROGRAM CURRICULAR LINES

The program has a number of 12 courses that can be studied in a flexible curriculum in 6 school periods.

It is composed of:

General Education: General Course of human development, leadership and service mission

Propedeutic Training: does not apply.

Theoretical training consisting of Management and Marketing, Consumer Behavior, Market Research

Disciplinary Training that consists: Methodology for Decision Making, Marketing Intelligence, Strategic, Direction Human Capital, Sales and Trading Systems, Economy and Finance

Research courses thaT consists: Update and Integration Seminars, Investigation.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

MASTER'S DEGREE IN MANAGEMENT AND FINANCE

ONLINE EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS									TH	TC
INSTRUMENTAL	HUMANIST, DISCIPLINARY, AND PROFESSIONAL COMPETENCIES	INSTITUTIONAL (MANDATORY)	**MANAGEMENT AND FINANCIAL ECONOMICS**	Financial Mathematics ECO550	Corporate Finance ECO552							6	14
			STOCK TRADING STRATEGY	Stock Finance ECO553								3	7
			HUMAN DEVELOPMENT	Leadership and Service Mission HUM560								3	7
FOUNDATIONAL AND SPECIALIZED		PROFESSIONAL	**MANAGEMENT AND FINANCIAL ECONOMICS (Minimum 2)**	Elective Course in Management and Financial Economics	Elective Course in Management and Financial Economics								
			STOCK TRADING STRATEGY										
			ORGANIZATIONAL MANAGEMENT										
			DECISION-MAKING METHODOLOGY			Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	24	49
			INFORMATION TECHNOLOGY										
		CAPSTONE	**RESEARCH AND INTEGRATION SEMINARS**										
			RESEARCH										
			TOTAL									**36**	**77**

TC MX	77
TC USA	39

MASTER'S DEGREE IN

GASTRONOMIC BUSINESS MANAGEMENT

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: 20193784

ACADEMIC PROGRAM PURPOSE

Form Masters in Gastronomic Business Management with an ethical and humanistic vision, to lead food and beverage companies, through the mastery of management strategies and business intelligence, to optimize and improve the quality of administrative, service and operational processes, with a transforming leadership.

ENTRY PROFILE

Knowledge

- Analyzes market needs.

- Identifies processes of food and beverage companies.

- Recognizes needs for improvement in management.

Abilities and/or Skills

- Works in teams.

- Demonstrates leadership for decision making and group management.

- Uses multidisciplinary strategic analysis.

Values and/or Attitudes

- Is committed to work with an attitude of service.

- Engages in business needs and social responsibility.

- Shows interest in the food and beverage industry.

THE GRADUATION PROFILE FOR THE MASTER IN GASTRONOMIC BUSINESS MANAGEMENT

Applies the administrative process together with business intelligence strategies for the optimization of resources of the food and beverage.

Generates sustainable options for the opening and follow-up of the food and beverage company.

Coordinates the operation of food and beverage companies to drive their growth and expansion.

Designs and executes organizational strategic planning with respect to food and beverage businesses.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS							TICH	TOCH	TC
INSTRUMENTAL / FOUNDATIONAL AND SPECIALIZED	INSTITUTIONAL, PROFESSIONAL, AND COURSE	INSTITUTIONAL	LEADERSHIP			Transformational Leadership AYH601				3	3	6
		PROFESSIONAL	SERVICE OPERATION	Financial Context FIN601	Quality in Food and Beverage Service Processes GAS601					12	12	24
				Strategic Senior Management MBA601	Information Technology in Food Business GAS602							
		ELECTIVE	COMPANY MANAGEMENT			Elective Course OGG601	Elective Course OGG602	Elective Course OGG603	Elective Course OGG604	12	12	24
			BUSINESS INTELLIGENCE			Elective Course OGG605	Elective Course OGG606	Elective Course OGG607	Elective Course OGG608			
		CAPSTONE	INTEGRATION					Integration Seminar GAS607		3	4	7
			PRACTICAL WORKS/THESIS				Capstone Elective Course TGG601		Capstone Elective Course TGG602	6	8	14
		TOTAL		2	2	2	2	2	2	36	39	75

TC MX	75
TC USA	38

MASTER'S DEGREE IN

TAXES

MODALITY: Grounded education

CAMPUS: TEHUACÁN

RVOE: 20193789

ACADEMIC PROGRAM PURPOSE

It trains Masters in Taxation with ethical and humanistic sense that apply rules and procedures in tax matters, through the analysis of problems in the field of taxation of national and international contributions, to provide comprehensive tax solutions for individuals, businesses and the government sector.

ENTRY PROFILE

Knowledge

- Recognizes the general principles of economics and tax theory.

- Analyzes the economic system

- Describes social phenomena related to economic phenomena

- Analyzes the global economy

- Interprets enacted economic norms and laws.

- Identifies economic phenomena in the globalized world.

Skills and/or abilities

- Works in interdisciplinary teams.

- Develops financial standards

- Participates in the administration of resources and processes.

- Develops strategic planning within the company.

- Interprets financial provisions

- Proposes solutions in economic conflicts

Attitudes

- Appreciates openness to globality and internationalization.

- Concerned about permanent training and continuous updating

- Is inclined to administrative methodologies

- Acts with commitment and responsibility in the exercise of his profession.

THE GRADUATION PROFILE FOR THE MASTER IN TAXATION

Conducts research oriented to the analysis of tax regulations and their application.

Proposes solidly based strategies to solve problems derived from tax contributions.

Applies tax regulations and economic policy guidelines to establish limits and conditions for the operation of the accounting information system.

Performs fiscal and financial planning based on the tax analysis of the taxpayer.

Develops tax projections based on the analysis of the provisions in force and in compliance with tax laws.

Makes reasoned financial decisions according to the problems and opportunities detected.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

MASTER'S DEGREE IN TAXATION
GROUNDED EDUCATION

COMPETENCIES	CORE	CURRICULUM AREAS									TICH	TOCH	TC
INSTITUTIONAL, PROFESSIONAL, AND COURSE	INSTITUTIONAL	LEADERSHIP	Leadership and Service Mission HUM001								3	5	5
	BASIC PROFESSIONAL	ECONOMICS		Fiscal Economic Policy MIM102							3	5	5
		TAXATION		Federal Fiscal Code I MIM103	Federal Fiscal Code II MIM104						6	10	10
		LAW	Tax Law MIM105		Applied Civil and Trade Law MIM106						6	10	10
	PROFESSIONAL	TAXES				Fundamentals of Income Tax MIM203	Legal Entities Income Tax MIM204	Individual Income Tax MIM205	Special Taxes MIM206		12	20	20
							State and Local Taxes MIM207	Social Security MIM208	International and Customs Taxation MIM209		9	15	15
										Tax Defense MIM210	3	5	5
		FINANCE				Tax Effects on Financial Satements MIM211				Tax and Financial Planning Seminar MIM212	6	10	10
	CAPSTONE	RESEARCH						Research Methdology INV001		Pre-Graduation Seminar INV002	6	10	10
		TOTAL	2	2	2	2	2	3	2	2	1	54	90	90

TC MX	90
TC USA	45

MASTER'S DEGREE IN

ADMINISTRATION

MODALITY: Grounded education

CAMPUS: TEHUACÁN

RVOE: 20193787

ACADEMIC PROGRAM PURPOSE

It trains Masters in Administration with an ethical and humanistic sense, who analyze specific problems of the administrative process in organizations, through the application of analytical methods and management trends, to make decisions and propose alternative solutions that help the continuous improvement of the organization.

ENTRY PROFILE

Knowledge

- Recognizes basic management theories.

- Analyzes economic and financial elements in an organization.

- Cites different theories in the administrative environment that recognize the importance of new trends at a globalized level.

- Identifies general marketing principles in a regional environment.

- Defines different leadership styles in an organizational environment.

Skills

- Design different types of organizational manuals.

- Compares different traits in people to describe their personality within their work area.

- Participates continuously in collaborative teams to achieve business strategies.

- Systematically elaborates a strategic plan to find an area of opportunity.

- Presents arguments before an audience, using critical thinking.

Attitudes

- Contributes to the achievement of objectives for the development of business ethics.

- Acts with social and ethical responsibility in a business environment.

- Is interested in a congruent and positive way with his collaborators in his work area.

- Is aware of social responsibility in the administration of resources.

- Respects the resources available to the company for the care of the environment.

THE GRADUATION PROFILE FOR THE MASTER IN ADMINISTRATION

Performs diagnostics to detect the health of the organization.

Offers solutions to the problems presented by the economic entities in terms of organizational information.

Proposes administrative tactics and strategies according to specific problems and the type of organization.

Produces research projects that contribute to the improvement of the administrative area.

Develops practical projects that contribute to the creation of competitive advantages for their organization.

Develops a critical vision of business in a globalized world.

Works collaboratively with peers to achieve the objectives of the organization.

Makes decisions that contribute to the continuous improvement of the organization.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

MASTER'S DEGREE IN ADMINISTRATION (GROUNDED EDUCATION)

CYCLE						ICH / OCH / CR
FIRST (TERM)	HUM001 — Mandatory Leadership and Service Mission 3 5 5 C	MAD103 — Mandatory Administrative Accounting 3 5 5 C				ICH 6 OCH 10 CR 10
SECOND (TERM)	MAD104 — Mandatory Global Strategic Planning 3 5 5 C	MAD105 — Mandatory Decision Process Analysis 3 5 5 C				ICH 6 OCH 10 CR 10
THIRD (TERM)	MAD106 — Mandatory Economics for Decision-Making 3 5 5 C	MAD204 — Mandatory Strategic Management of Intellectual Capital 3 5 5 C	INV001 — Mandatory Research Methodology 3 5 5 C			ICH 9 OCH 15 CR 15
FOURTH (TERM)	MAD205 — Mandatory Entrepreneurship Development and Start-Ups 3 5 5 C	MAD207 — Mandatory Market Research 3 5 5 C				ICH 6 OCH 10 CR 10
FIFTH (TERM)	MAD203 — Mandatory Integrated Project Planning and Evaluation 3 5 5 C	MAD210 — Mandatory Legal Framework of Business 3 5 5 C				ICH 6 OCH 10 CR 10
SIXTH (TERM)	MAD208 — Mandatory Relationship and Service Marketing 3 5 5 C	MAD211 — Mandatory Corporate Finance 3 5 5 C				ICH 6 OCH 10 CR 10
SEVENTH (TERM)	MAD206 — Mandatory Organizational Management and Leadership 3 5 5 C	MAD209 — Mandatory Commercialization Strategies 3 5 5 C	MAD304 — Mandatory Innovation Seminar 3 5 5 C			ICH 9 OCH 15 CR 15
EIGHTH (TERM)	MAD305 — Mandatory Pre-Graduation Seminar 3 5 5 C					ICH 3 OCH 5 CR 5

Legend

CODE	PRE-REQUISITES	COURSE TYPE
	COURSE OR LEARNING UNIT'S NAME	
IN CLASS HOURS →	CREDITS	FACILITIES

OUT OF CLASS HOURS

AREAS
- LEADERSHIP
- FOUNDATIONS OF ADMINISTRATION
- ECONOMICS
- ADVANCED ADMINISTRATION
- MARKETING
- ECONOMIC ENVIRONMENT
- RESEARCH

TOTAL STUDY PLAN HOURS

ICH	0
OCH	85
CR	85

MASTER'S DEGREE IN
ORGANIZATIONAL MANAGEMENT

MODALITY: Online education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/01/1025/2013

ACADEMIC PROGRAM PURPOSE

To train Masters in Organizational Management with the necessary competencies in management, administration, finance, marketing and human talent management through the formulation and implementation of organizational strategies with strategic leadership in order to favor the creation, conduction, impulse, development and renewal of organizations and thus contribute to the well-being and prosperity of the community, the region and the country.

ENTRY PROFILE

Knowledge

- Distinguishes basic concepts of decision making tools.

- Identifies the fundamentals of business management.

- Distinguishes general concepts in marketing and international trade.

- Identifies the fundamentals of finance and economics.

- Identifies products with business potential.

Abilities And/Or Skills

- Works in teams and group management.

- Manages computer information.

- Analyzes options and makes decisions.

- Creative capacity.

- Analysis, synthesis and problem solving.

- Leadership and entrepreneurship

- Is directed towards multidisciplinary self-education.

- Fluent in English.

- Handles virtual information.

Values And/Or Attitudes

- Honesty and generosity.

- Tolerance and openness to different cultures.

- Ethics and social responsibility.

- Leadership and service mission.

- Sensitivity to social needs.

- Prioritizes social problems related to the business sector.

- Taste for research.

Habits

- Daily reading.

- Study autonomy

- Self-discipline

- Organized

THE GRADUATION PROFILE FOR THE MASTER IN ORGANIZATIONAL MANAGEMENT

Adopts a systemic perspective based on the analysis of internal and external business activity and organizational processes at different levels and sectors.

Manages human, financial, marketing and technological resources for companies to increase their productivity and generate employment.

Executes public and private policies that promote the sustainable development of the region and the country.

Manages investment projects that guarantee the participation and benefit of all actors and sectors involved in the organizations.

Makes assertive decisions to propose solutions to business management problems.

Applies state-of-the-art technology for information management, linking it with strategic macroeconomic variables for the insertion of organizations in a global context.

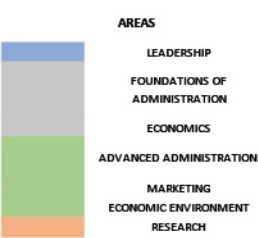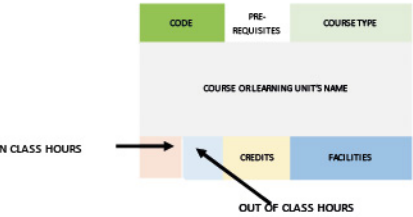Uses technologies as a tool for continuous learning and professional performance.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

MASTER'S DEGREE IN ORGANIZATIONAL MANGEMENT

ONLINE EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS							TC
INSTRUMENTAL	HUMANIST, DISCIPLINARY, AND PROFESSIONAL COMPETENCIES	INSTITUTIONAL (MANDATORY)	STRATEGIC MANAGEMENT	Organizational Management and Leadership ORG550						6
			HUMAN DEVELOPMENT	Leadership and Service Mission HUM560						7
			HUMAN TALENT	Human Processes in Organizational Management ORG554						6
FOUNDATIONAL AND SPECIALIZED		PROFESSIONAL	STRATEGIC MANAGEMENT (MINIMUM 1)	Elective Course in Strategic Management						
			SOCIAL SCIENCES (MINIMUM 1)	Elective Course in Social Sciences						
			ECONOMICS AND FINANCE (MINIMUM 1)		Elective Course in Economics and Finance					
			MARKETING AND STRATEGIC SALES (MINIMUM 1)		Elective Course in Marketing and Strategic Sales					
			HUMAN TALENT			Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	57
			LOGISTICS, MANUFACTURING, AND QUALITY							
			INFORMATION TECHNOLOGY AND DECISION-MAKING METHODOLOGY							
		CAPSTONE	REFRESHER AND INTEGRATION SEMINARS							
			RESEARCH							
		TOTAL								76

TC MX	76
TC USA	38

MASTER'S DEGREE IN

MANAGEMENT AND MARKETING

MODALITY: Online education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/01/1013/2013

ACADEMIC PROGRAM PURPOSE

It trains highly competent teachers in Management and Marketing through the development of three areas: identification and integral analysis of markets and marketing processes; strategic positioning of products and services; and analysis of consumer behavior, with the purpose of solving market problems in a creative, ethical and socially responsible manner that generates a strategic commercial management.

ENTRY PROFILE

Knowledge

- Defines management and market strategies.

- Examines texts in English.

- Updated in their theoretical training in the disciplines that study market behaviors.

- Distinguishes the technological resources available to deepen and broaden their learning.

Abilities And/Or Skills

- Employs argumentation and reasoning in strategic management and market situations.

- Applies their capacity for analysis and synthesis in problem solving.

- Uses texts in English.

- Expresses ideas clearly.

- Manages clear written and oral arguments.

- Locates, selects and uses information from diverse sources necessary for their professional training.

- Undertakes innovative projects.

- Expresses and communicates abstract reasoning.

- Researches solutions to established problems.

- Manages information and communication technologies in the field of management and marketing.

- Evaluates different market practices and processes

- Selects, analyzes, evaluates and shares information from diverse sources.

- Manages information and communication technologies in virtual environments.

Attitudes And/Or Values

- Assumes his/her commitments in a responsible manner.

- Has a disposition for scientific research.

- Works collaboratively.

- Values teamwork.

- Assumes his profession as a life career.

- Prioritizes service to others.

- Shows liking for working through virtual platforms and media.

Habits

- Studies autonomously.

- Researches and organizes information related to her graduate studies.

- Enjoys reading diverse texts.

- Adopts order and cleanliness behaviors.

- Orders resources and learning material.

THE GRADUATION PROFILE FOR THE MASTER IN MANAGEMENT AND MARKETING

Makes assertive decisions in the field of marketing by analyzing cutting-edge trends.

Innovates in decision analysis methods for market research.

Designs innovative business strategies through the systematization of practical knowledge about marketing models.

Manages strategic solutions based on creative and innovative thinking to compare consumer behaviors and solve problems in the field of management and marketing.

Chooses alternatives and courses of action to solve problems in market intelligence and management.

Generates statistical and economic analysis under ethical principles to establish criteria for marketing solutions with a spirit of social justice.

Exercises moral and professional authority based on service to others.

Uses technologies as a tool for continuous learning and professional performance.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

MASTER'S DEGREE IN MANAGEMENT AND MARKETING
ONLINE EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS								TC
INSTRUMENTAL	DISCIPLINARY AND PROFESSIONAL HUMANIST COMPETENCES	INSTITUTIONAL (MANDATORY)	MANAGEMENT AND MARKETING	Management and Marketing MER578							7
			CONSUMER BEHAVIOR	Consumer Behavior MER552							7
			MARKET RESEARCH	Market Research MER551							7
			HUMAN DEVELOPMENT	Leadership and Service Mission HUM560							7
FOUNDATIONAL AND SPECIALIZED		PROFESSIONAL	DECISION-MAKING METHODOLOGY (MINIMUM 1)	Elective Course in Decision-Making Methodology							
			MARKETING INTELLIGENCE (MINIMUM 1)	Elective Course in Marketing Intelligence							
			STRATEGIC MANAGEMENT								
			HUMAN CAPITAL		Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	50
			SALES AND NEGOTIATION SYSTEMS								
			ECONOMICS AND FINANCE								
		CAPSTONE	REFRESHER AND INTEGRATION SEMINARS								
			RESEARCH								
	TOTAL										78

TC MX	78
TC USA	39

MASTER'S DEGREE IN

ADMINISTRATION AND STRATEGIC MANAGEMENT

MODALITY: Online education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/1521/2016

ACADEMIC PROGRAM PURPOSE

It trains Masters who develop management and leadership skills in organizations with a humanistic sense, through the analysis of the processes of formulation and implementation of innovative strategies of optimization, leadership, creation, conduction, impulse, development and renovation of the same, with the purpose of contributing to the well-being and prosperity of their community, in a national and global context.

ENTRY PROFILE

Knowledge

- Identifies basic concepts and procedures of algebra and statistics.

- Distinguishes technological and internet tools such as word processors, spreadsheets, e-mail, browser and digital communication tools.

- Identifies organizational process management.

Skills

- Demonstrates expertise in managing and organizing information and resources.

- Uses technology as a means of communication and interaction in the non-school modality.

- Applies critical, creative and strategic thinking.

- Manages information on the web, on administration and management topics.

- Master the English language at an intermediate level.

Attitudes and Values

- Is interested in the use of technology and adaptation in virtual learning environments.

- Shows service attitude.

- Appreciates the importance of making an ethical use of the Internet and its applications.

- Appreciates the attitude of negotiation in problem solving.

- Shows willingness to work collaboratively in an honest way.

Habits

- Disciplined

- Study habits.

- Reading Habits.

THE GRADUATION PROFILE FOR THE MASTER IN ADMINISTRATION AND STRATEGIC MANAGEMENT

Applies strategies to optimize administration and management in organizations, under a vision committed to human values and business ethics.

Manages high performance teams in organizations.

Designs strategies, structures and organizational processes to create a high performance, competitive and innovative work culture, oriented towards effective management and change management in organizations.

Prepares proposals for the development, training and qualification of human talent to achieve organizational objectives.

Proposes strategies to improve the work environment, culture, human, administrative and structural processes, to respond to the challenges and transformations of local and global organizations.

Generates value by being able to make impact proposals for the company.

Builds innovative strategies to favor the development of organizations, based on sustainability and harmony with the environment.

Uses different technological tools as a competitive advantage in organizations.

Integrates research concepts to establish strategies that respond to administrative needs.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

MASTER'S DEGREE IN ADMINISTRATION AND STRATEGIC MANAGEMENT

ONLINE EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS							TC
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	INSTITUTIONAL	HUMAN INTEGRATION	Leadership and Service Mission HUM560						7
FOUNDATIONAL		PROFESSIONAL	ECONOMICS AND FINANCE		Economics and the Business Environment MAE200	Financial Management MAE201				12
FOUNDATIONAL		PROFESSIONAL	ADMINISTRATION AND STRATEGIC MANAGEMENT	Strategic Planning and Organizational Processes MAE202	Strategic Management and Creativity MAE203		Corporate Strategy and Sustainability MAE204	Organizational Management and Leadership ORG550		25
FOUNDATIONAL		ELECTIVE	ORGANIZATIONAL DEVELOPMENT			Talent Management MAE300	Organizational Behavior MAE301	Organizational Development MAE302	Organizational Communication MAE303	24
FOUNDATIONAL		ELECTIVE	KNOWLEDGE AND TALENT MANAGEMENT			Organizational Knowledge Creation MAE304	Human Talent and Intellectual Capital MAE305	Intellectual Capital Management Models MAE306	Intellectual Capital Assessment Models MAE307	
SPECIALIZED		CAPSTONE	RESEARCH						Research Seminar MAE308	10
		TOTAL		2	2	2	2	2	2	78

TC MX	78
TC USA	39

MASTER'S DEGREE IN

MARKETING AND DIGITAL COMMERCIALIZATION STRATEGIES

MODALITY: Online education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/1519/2016

ACADEMIC PROGRAM PURPOSE

It trains Masters who develop skills in the planning, development and implementation of strategies oriented to the marketing and commercialization of goods and services with an ethical and humanistic sense, through the study of the processes where the client is involved, in order to analyze and make assertive decisions in a global and competitive market within the digital world.

ENTRY PROFILE

Knowledge

- Identifies basic office functions and commands for navigating the Internet.

- Distinguishes basic concepts and procedures of algebra and statistics.

- Interprets texts in English, at an intermediate level.

Abilities

- Manages information organization concepts and marketing resources.

- Uses information and communication technologies as the main channel of interaction in the non-school modality, mediated by text messages.

- Executes collaborative work and interpersonal relationships aimed at achieving common objectives.

- Demonstrates critical, innovative and strategic thinking.

Attitudes and values

- Is aware of the importance of technology and adaptation to virtual learning environments.

- Acts innovatively, entrepreneurially and participatively.

- Appreciates human value.

- Shows service attitude.

- Respects negotiation agreements, in problem solving.

Habits

- Disciplined.

- Study habits.

- Reading habits.

THE GRADUATION PROFILE FOR THE MASTER IN MARKETING AND DIGITAL COMMERCIALIZATION STRATEGIES

Applies marketing concepts in marketing processes.

Designs marketing projects for the commercialization of goods and services in the digital world.

Performs analytical reports with strategic vision, based on the best practices of social responsibility in the industry.

Establishes interpersonal relationships that favor collaborative work and the development of service leadership.

Generates new business opportunities that are characterized by ethics and social responsibility and that derive from the research and identification of new national and international markets.

Uses digital marketing tools to interpret consumer information.

Applies the main trends of technological innovation that impact the marketing area with transparency and adherence to legality.

Uses communication and promotion media, with strategic vision, for the promotion of goods and/or services directed to the consumer and society.

Develops strategic marketing plans and conducts their implementation with the flexibility imposed by the dynamics of the global economy from an ethical perspective.

Evaluates strategic marketing actions, from an innovative perspective in the digital environment, for the benefit of the company.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

MASTER'S DEGREE IN MARKETING AND DIGITAL COMMERCIALIZATION STRATEGIES

ONLINE EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS							TC
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	INSTITUTIONAL	HUMAN INTEGRATION	Leadership and Service Mission HUM560						7
FOUNDATIONAL		PROFESSIONAL	MARKETING AND DIGITAL COMMERCIALIZATION	Marketing Thinking MEC200	Consumer Behavior and Ethics MEC201					12
						Relationship and Service Marketing MEC202	Innovation and Product Development MEC203	Digital Commercialization in Social Media Platforms MEC204		19
		ELECTIVE	DIGITAL COMMERCIALIZATION			Ethics in Digital and Social Media MEC300	Legality and Policy of Digital Marketing MEC301	E-Business MEC302	E-Commerce MEC303	28
			DIGITAL ADVERTISING AND COMMUNICATION			Digital Communication and Advertising MEC304	Creation and Management of Virtual Communities MEC305	Neuromarketing MEC306	Trends in Social Networks and Digital Wisdom MEC307	
SPECIALIZED		CAPSTONE	RESEARCH		Market Research MEC400				Research Seminar MAE308	17
		TOTAL		2	2	2	2	2	2	83

TC MX	83
TC USA	42

DOCTORATE DEGREE IN

MANAGEMENT AND FINANCE

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/1280/ 2015

ACADEMIC PROGRAM PURPOSE

It trains Doctors in Management and Finance competent in the design and development of research in areas related to financial management, through the application of quantitative or qualitative scientific methodological elements that respond to the public and private financial needs of society, in order to promote the creation of lines of research that help to face the problems and challenges of the financial environment with a humanistic, ethical, moral, competitive and sustainable approach.

ENTRY PROFILE

Knowledge

- Distinguishes theories of economic and financial development.

- Differentiates financial analysis methodologies

- Explain the principles of business administration

- Compares information related to economic and financial events

- Analyzes the economic and financial environment

- Categorizes the most commonly used software applications in the financial field.

Skills and/or Abilities

- Manages the most used software applications in the financial field.

- Solves problems and makes decisions with the support of mathematical and statistical tools.

- Applies critical and creative thinking

- Achieves synergy in team work.

- Manages conflicts through negotiation techniques

- Reads and writes texts in English

- Solves problems with an interdisciplinary approach

- Manages mathematical tools for problem solving.

Values and/or Attitudes

- Research oriented

- Adaptable to changing circumstances

- Is honest.

- Shows social commitment and service mission

- Respects the dignity of others

- Seeks and adheres to the truth

- Appreciates human values

- Acts with generosity

- Shows openness to processes of improvement and change

Habits

- Proactive

- Works under established goals and plans

- Continuous improvement

- Adherence to research, analysis and consultation

THE GRADUATION PROFILE FOR THE DOCTOR IN MANAGEMENT AND FINANCE

Develop research projects focused on detecting the financial needs of the company and the environment in which it participates.

Provide new knowledge that contributes to the generation of financial decision-making models.

Propose solutions to the problems and financial needs existing in the different spaces and sectors of society based on various theories and methodologies of the discipline.

Contribute improvements in the financial, budgeting and investment systems to the development of organizations.

Generate risk models to respond to national and international financial and economic changes.

Propose investment portfolio management models, that respond to the needs and stock market requirements of investors.

Propose solutions to financial and investment problems through technical and theoretical knowledge with scientific rigor, applied to reality.

Build modern financial hedging instruments to minimize the effects of adverse economic movements on the company.

Generate quantitative and qualitative research in the economic and financial area by applying technological resources and databases.

Assume an ethical and moral commitment for the honest and responsible management of financial resources that leads to a social impact.

PROGRAM CURRICULAR LINES

The program has a number of 16 courses that can be studied in a flexible curriculum ranging from 12 to 18 school periods.

General Education: General Courses, which consists of incorporating in our students the humanistic seal of our institution based on the common good

Propaedeutic Training: does not apply

Theoretical training which consist of providing the financial bases related to research for the choice of flexible courses related to your doctoral thesis project

Disciplinary Training that consists which consists of developing students in the disciplinary area that provides knowledge for the preparation of their doctoral thesis

Research courses that consists: which consists of working on research methodologies for the adjustment and application of your doctoral protocol in a thesis.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

DOCTORATE DEGREE IN MANAGEMENT AND FINANCE

GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS									
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	INSTITUTIONAL (MANDATORY)	DECISION-MAKING METHODOLOGY	Econometrics ECO570							3	7
			MANAGEMENT AND FINANCIAL ECONOMICS	Financial Context ECO551	Advanced Corporate Finance ECO562						6	14
			HUMAN DEVELOPMENT	Elective Course in Human Development							3	6
FOUNDATIONAL		PROFESSIONAL	MANAGEMENT AND FINANCIAL ECONOMICS (Minimum 1)	Elective Course in Management and Financial Economics								
			STOCK TRADING STRATEGY (Minimum 1)		Elective Course in Stock Strategy							
			DECISION-MAKING METHODOLOGY			Complementary Elective Course	3	6	Complementary Elective Course	3	6	12	25
			ORGANIZATIONAL MANAGEMENT									
			INFORMATION TECHNOLOGY									
SPECIALIZED		CAPSTONE	RESEARCH SEMINARS									
			RESEARCH	Doctoral Protocol TED113	Doctoral Research TED114						6	10
				Doctoral Dissertation I TED101	Doctoral Dissertation II TED102	Doctoral Dissertation III TED103	3	10	Doctoral Dissertation IV TED104	3	10	12	40
		TOTAL					6	16		6	16	**42**	**102**

TC MX	102
TC USA	51

DOCTORATE DEGREE IN
MANAGEMENT AND MARKETING

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/986/2013

ACADEMIC PROGRAM PURPOSE

It trains Doctors in management and marketing with a clear scientific-applied perspective based on solid methodological, organizational, strategic, ethical and socially responsible bases, through the development of market research, consumer behavior and management and marketing; innovating, developing and implementing market strategies in the national and international environment, to perform, evaluate and make decisions in the management and marketing processes in organizations, as well as contributing to the specialized academic training of high level with deep respect for the human person (customer).

ENTRY PROFILE

Knowledge

- Applies mathematical and statistical reasoning.

- Distinguishes the study of markets and marketing

- Infer solutions to problems in the marketing area based on strategic planning.

- Integrates the main currents of thought in order to have an integral vision of the process of market direction and management.

- Distinguishes and handles relevant bibliography on the thematic area in which the interest of the research is located.

Abilities And/Or Skills

- Argue clearly, in writing and orally their ideas.

- Applies reasoning, analysis and synthesis skills in the resolution of market organization and management problems.

- Researches solutions to established problems.

- Reads and understands scientific texts in their field of action.

- Designs projects based on an adequate conceptual management.

- Reads and listens to a foreign language

Attitudes And/Or Values

- Self-taught

- Assumes with responsibility his commitments.

- Confronts with interest, sensitivity and reflection the reality of social, political and economic movements.

- Works individually and collaboratively.

- Reflects on their own actions.

- Is independent and self-regulated.

- Values service to others.

Habits

- Studies autonomously.

- Researches and organizes information related to his/her graduate studies.

- Enjoys reading diverse texts.

- Adopts order and cleanliness behaviors.

- Orders resources and learning material.

THE GRADUATION PROFILE FOR THE DOCTOR IN MANAGEMENT AND MARKETING

- Manages established work schedules.

Systematizes, based on quantitative and qualitative research methodologies, economic, commercial and marketing processes at the business, industrial, local, regional or global level.

Develops marketing strategies, based on established methods in market management to implement innovations in the investigative process.

Discover consumer behaviors that allow you to evaluate, design and implement new options in solving market study and management problems.

Generates synergies in research groups that allow achieving comprehensive solutions to problems mainly related to marketing processes.

Carries out research studies with scientific rigor and academic excellence to analyze the growth and development of markets in the economic context of the country.

Applies in a consistent and systematic way the scientific method in the planning and testing of hypotheses and other methodological approaches to solve problems related to the sales process and market management.

Leads academic research teams and participates in interdisciplinary networks aimed at generating updated scientific knowledge of the highest level in studies and market management in a sustainable way

Contributes to the sustainable development of its environment, region, respecting it and participating in its improvement through its scientific work

Exercises moral and professional authority based on service to others, with solidarity and a spirit of social justice.

PROGRAM CURRICULAR LINES

The program has a number of 14 courses that can be studied in a flexible curriculum in 12 school periods.

It is composed of:

General Education: Leadership and Service Mission

Propedeutic Training: does not apply

Theoretical training Address and Marketing, Consumer Behavior, Market Research

Disciplinary Training that consists: Methodology for Decision Making, Marketing Intelligence, Strategic Direction, Human Capital, Sales and Trading Systems, Economy and Finance.

Research courses that consists: Research Seminars, Investigation

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

DOCTORATE DEGREE IN MANAGEMENT AND MARKETING
GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS					TH	TC
INSTRUMENTAL	HUMANIST, DISCIPLINARY, AND PROFESSIONAL COMPETENCIES	INSTITUTIONAL (MANDATORY)	MANAGEMENT AND MARKETING	Management and Marketing MER578				3	7
			CONSUMER BEHAVIOR	Marketing Strategies MER555				6	7
			MARKET RESEARCH	Marketing Metrics MER579				3	7
			HUMAN DEVELOPMENT	Elective Course in Human Development				3	6
FOUNDATIONAL		PROFESSIONAL	DECISION-MAKING METHODOLOGY (MINIMUM 1)	Elective Course in Decision-Making Methodology					
			STRATEGIC MANAGEMENT						
			MARKETING INTELLIGENCE		Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	9	18
			SALES AND NEGOTIATION SYSTEMS						
			ECONOMICS AND FINANCE						
			RESEARCH SEMINARS						
SPECIALIZED		CAPSTONE	RESEARCH	Doctoral Protocol TED 113	Doctoral Research TED 114			6	10
				Doctoral Dissertation I TED 101	Doctoral Dissertation II TED 102	Doctoral Dissertation III TED 103	Doctoral Dissertation IV TED 104	12	40
		TOTAL						**42**	**102**

TC MX	102
TC USA	51

DOCTORATE DEGREE IN

ORGANIZATIONAL MANAGEMENT

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/1001/2013

ACADEMIC PROGRAM PURPOSE

It trains high-level Doctors who integrate scientific knowledge in the areas of organizational management through the diagnosis of business activities related to the areas of human development, social sciences, finance, marketing, in order to design management proposals based on logistic processes and information technologies, with the aim of contributing positively and in solidarity to the welfare and prosperity of organizations in their locality, the region and the country in research centers, higher education institutions and the productive sector.

ENTRY PROFILE

Knowledge

- Identifies research methodologies and tools.

- Distinguishes sectorial, national and international administrative theories and trends.

- Differentiates basic and applied concepts in management, leadership, negotiation, decision making.

- Analyzes general concepts applied in marketing and international trade.

- Identifies the economic, political and social variables that affect organizations.

- Distinguishes the various internal (human talent) and external (customers, shareholders, society) actors that interact within and outside organizations.

- Analyzes financial information necessary for the daily exercise and that guarantees the profitability of the organizations.

- Identifies products, services and ideas with potential for business, regional, national and international development.

- Analyzes and makes decisions.

- Handles virtual information.

- Proficient in English.

- Works and coordinates groups

- Analytical decision making.

- Creative capacity.

- Is directed towards multidisciplinary self-training.

Attitudes And Values:

- Leadership and entrepreneurship.

- Honesty and generosity.

- Tolerance and openness to different cultures.

- Ethics and social responsibility.

- Leadership and service mission.

- Sensitivity to social, local, regional and national needs.

- Prioritizes social problems related to the business sector.

- Taste for research.

Habits

- Systematic and effective study habits for the development of research projects.

- Works in a methodical and systematized way.

- Reading habits

THE GRADUATION PROFILE FOR THE DOCTOR IN ORGANIZATIONAL MANAGEMENT

Dimension research on management and direction in organizations from different sectors and contexts.

Disseminate rigorous research on organizational behavior and culture with an interdisciplinary approach.

Generate motivation, teamwork and communication strategies for efficient internal organizational processes and structure.

Have information on macroeconomic variables for the insertion of organizations in an international dynamic.

Design global strategies to strengthen organizations and their competitiveness through the use of statistics and information technologies.

Analyze financial resources and investment projects as variables that generate productivity and employment.

Provide market intelligence information and marketing strategies, which guarantee the creation of innovative products and services for the benefit of various national and international sectors.

PROGRAM CURRICULAR LINES

The program has a number of 14courses that can be taken in a flexible curriculum in 12 school four-month periods.

It is composed of:

General Education: A general course that is one that emphasizes the training of the student under the profile of the UPAEP.

Propedeutic Training: does not apply

Theoretical training which shows courses of the area that allow students a training of a disciplinary nature.

Disciplinary Training that consists: It concentrates optional courses, in terms of specialized training in some complementary area of the discipline.

Research courses that consists: The purpose of this lies in the development of skills for the preparation of students in their completion and graduation phase of the academic program.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

DOCTORATE DEGREE IN ORGANIZATIONAL MANAGEMENT

GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS					TH	TC
INSTRUMENTAL	HUMANIST, DISCIPLINARY, AND PROFESSIONAL COMPETENCIES	INSTITUTIONAL (MANDATORY)	STRATEGIC MANAGEMENT	Organizational Theory, Structure, and Processes ORG552				3	7
INSTRUMENTAL		INSTITUTIONAL (MANDATORY)	HUMAN TALENT	Talent Management HUM550				3	6
INSTRUMENTAL		INSTITUTIONAL (MANDATORY)	SOCIAL SCIENCES	Economic Analysis of Public Policy POL551				3	7
INSTRUMENTAL		INSTITUTIONAL (MANDATORY)	HUMAN DEVELOPMENT	Elective Course in Human Development				3	6
FOUNDATIONAL		PROFESSIONAL	ECONOMICS AND FINANCE (MINIMUM 1)	Elective Course in Economics and Finance					
FOUNDATIONAL		PROFESSIONAL	STRATEGIC MANAGEMENT						
FOUNDATIONAL		PROFESSIONAL	SOCIAL SCIENCES						
FOUNDATIONAL		PROFESSIONAL	HUMAN TALENT						
FOUNDATIONAL		PROFESSIONAL	MARKETING AND STRATEGIC SALES		Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	12	25
FOUNDATIONAL		PROFESSIONAL	LOGISTICS, MANUFACTURING, AND QUALITY						
FOUNDATIONAL		PROFESSIONAL	INFORMATION TECHNOLOGY AND DECISION-MAKING METHODOLOGY						
SPECIALIZED		CAPSTONE	RESEARCH SEMINARS						
SPECIALIZED		CAPSTONE	RESEARCH	Doctoral Protocol TED113	Doctoral Research TED114			6	10
SPECIALIZED		CAPSTONE	RESEARCH	Doctoral Dissertation I TED101	Doctoral Dissertation II TED102	Doctoral Dissertation III TED103	Doctoral Dissertation IV TED104	12	40
		TOTAL						42	101

TC MX	101
TC USA	51

DOCTORATE DEGREE IN
MANAGEMENT AND FINANCE

MODALITY: Online education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/01/1250/2015

ACADEMIC PROGRAM PURPOSE

It trains Doctors in Management and Finance competent in the design and development of research in areas related to financial management, through the application of quantitative or qualitative scientific methodological elements that respond to the public and private financial needs of society, in order to promote the creation of lines of research that help to face the problems and challenges of the financial environment with a humanistic, ethical, moral, competitive and sustainable approach.

ENTRY PROFILE

Knowledge

- Distinguishes theories of economic and financial development.

- Differentiates financial analysis methodologies

- Explain the principles of business administration

- Compares information related to economic and financial events

- Analyzes the economic and financial environment

- Categorizes the most commonly used software applications in the financial field.

Skills and/or Abilities

- Manages the most used software applications in the financial field.

- Solves problems and makes decisions with the support of mathematical and statistical tools.

- Applies critical and creative thinking

- Achieves synergy in team work.

- Manages conflicts through negotiation techniques

- Reads and writes texts in English

- Solves problems with an interdisciplinary approach

- Manages mathematical tools for problem solving.

Values and/or Attitudes:

- Research oriented

- Adaptable to changing circumstances

- Is honest.

- Shows social commitment and service mission

- Respects the dignity of others

- Seeks and adheres to the truth

- Appreciates human values

- Acts with generosity

- Shows openness to processes of improvement and change

Habits

- Proactive

- Works under established goals and plans

- Continuous improvement

- Adherence to research, analysis and consultation

THE GRADUATION PROFILE FOR THE DOCTOR IN MANAGEMENT AND FINANCE

Develop research projects focused on detecting the financial needs of the company and the environment in which it participates.

Provide new knowledge that contributes to the generation of financial decision-making models.

Propose solutions to the problems and financial needs existing in the different spaces and sectors of society based on various theories and methodologies of the discipline.

Contribute improvements in the financial, budgeting and investment systems to the development of organizations.

Generate risk models to respond to national and international financial and economic changes.

Propose investment portfolio management models that respond to the needs and stock market requirements of investors.

Propose solutions to financial and investment problems through technical and theoretical knowledge with scientific rigor, applied to reality.

Build modern financial hedging instruments to minimize the effects of adverse economic movements on the company.

Generate quantitative and qualitative research in the economic and financial area by applying technological resources and databases.

Assume an ethical and moral commitment for the honest and responsible management of financial resources that leads to a social impact.

PROGRAM CURRICULAR LINES

The program has a number of 16 courses that can be studied in a flexible curriculum ranging from 12 to 18 school periods.

General Education: General Courses, which consists of incorporating in our students the humanistic seal of our institution based on the common good

Propaedeutic Training: does not apply

Theoretical training which consist of providing the financial bases related to research for the choice of flexible courses related to your doctoral thesis project

Disciplinary Training that consists which consists of developing students in the disciplinary area that provides knowledge for the preparation of their doctoral thesis

Research courses that consists: which consists of working on research methodologies for the adjustment and application of your doctoral protocol in a thesis.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

DOCTORATE DEGREE IN MANAGEMENT AND FINANCE
ONLINE EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS					TC
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	INSTITUTIONAL (MANDATORY)	DECISION-MAKING METHODOLOGY	Econometrics ECO570				7
			MANAGEMENT AND FINANCIAL ECONOMICS	Financial Environment ECO551	Advanced Corporate Finance ECO562			14
			HUMAN DEVELOPMENT	Elective Course in Human Development				6
FOUNDATIONAL		PROFESSIONAL	MANAGEMENT AND FINANCIAL ECONOMICS (Minimum 1)	Elective Course in Management and Financial Economics				
			STOCK TRADING STRATEGY (Minimum 1)		Elective Course in Stock Strategy			
			DECISION-MAKING METHODOLOGY			Complementary Elective Course	Complementary Elective Course	25
			ORGANIZATIONAL MANAGEMENT					
			INFORMATION TECHNOLOGY					
SPECIALIZED		CAPSTONE	RESEARCH SEMINARS					
			RESEARCH	Doctoral Protocol TED113	Doctoral Research TED114			10
				Doctoral Dissertation I TED101	Doctoral Dissertation II TED102	Doctoral Dissertation III TED103	Doctoral Dissertation IV TED104	40
		TOTAL						**102**

TC MX	102
TC USA	51

DOCTORATE DEGREE IN

MANAGEMENT AND MARKETING

MODALITY: Online education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/01/1019/2013

ACADEMIC PROGRAM PURPOSE

It trains Doctors in management and marketing with a clear scientific-applied perspective based on solid methodological, organizational, strategic, ethical and socially responsible bases, through the development of market research, consumer behavior and management and marketing; innovating, developing and implementing market strategies in the national and international environment, to perform, evaluate and make decisions in the management and marketing processes in organizations, as well as contributing to the specialized academic training of high level with deep respect for the human person (customer).

ENTRY PROFILE

Knowledge

- Applies mathematical and statistical reasoning.

- Distinguishes the study of markets and marketing

- Infer solutions to problems in the marketing area based on strategic planning.

- Integrates the main currents of thought in order to have an integral vision of the process of market direction and management.

- Distinguishes and handles relevant bibliography on the thematic area in which the interest of the research is located.

Abilities And/Or Skills

- Argue clearly, in writing and orally their ideas.

- Applies reasoning, analysis and synthesis skills in the resolution of market organization and management problems.

- Researches solutions to established problems.

- Reads and understands scientific texts in their field of action.

- Designs projects based on an adequate conceptual management.

- Reads and listens to a foreign language

Attitudes And/Or Values

- Self-taught

- Assumes with responsibility his commitments.

- Confronts with interest, sensitivity and reflection the reality of social, political and economic movements.

- Works individually and collaboratively.

- Reflects on their own actions.

- Is independent and self-regulated.

- Values service to others.

Habits

- Studies autonomously.

- Researches and organizes information related to his/her graduate studies.

- Enjoys reading diverse texts.

- Adopts order and cleanliness behaviors.

- Orders resources and learning material.

- Manages established work schedules.

THE GRADUATION PROFILE FOR THE DOCTOR IN MANAGEMENT AND MARKETING

Systematizes, based on quantitative and qualitative research methodologies, economic, commercial and marketing processes at the business, industrial, local, regional or global level.

Develops marketing strategies, based on established methods in market management to implement innovations in the investigative process.

Discover consumer behaviors that allow you to evaluate, design and implement new options in solving market study and management problems.

Generates synergies in research groups that allow achieving comprehensive solutions to problems mainly related to marketing processes.

Carries out research studies with scientific rigor and academic excellence to analyze the growth and development of markets in the economic context of the country.

Applies in a consistent and systematic way the scientific method in the planning and testing of hypotheses and other methodological approaches to solve problems related to the sales process and market management.

Leads academic research teams and participates in interdisciplinary networks aimed at generating updated scientific knowledge of the highest level in studies and market management in a sustainable way

Contributes to the sustainable development of its environment, region, respecting it and participating in its improvement through its scientific work

Exercises moral and professional authority based on service to others, with solidarity and a spirit of social justice.

PROGRAM CURRICULAR LINES

The program has a number of 14 courses that can be studied in a flexible curriculum in 12 school periods.

It is composed of:

General Education: Leadership and Service Mission

Propedeutic Training: does not apply

Theoretical training Address and Marketing, Consumer Behavior, Market Research

Disciplinary Training that consists: Methodology for Decision Making, Marketing Intelligence, Strategic Direction, Human Capital, Sales and Trading Systems, Economy and Finance.

Research courses that consists: Research Seminars, Investigation

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

DOCTORATE DEGREE IN MANAGEMENT AND MARKETING

ONLINE EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS					TC
INSTRUMENTAL	HUMANIST, DISCIPLINARY, AND PROFESSIONAL COMPETENCIES	INSTITUTIONAL (MANDATORY)	MANAGEMENT AND MARKETING	Management and Marketing MER578				7
INSTRUMENTAL	HUMANIST, DISCIPLINARY, AND PROFESSIONAL COMPETENCIES	INSTITUTIONAL (MANDATORY)	CONSUMER BEHAVIOR	Marketing Strategies MER555				7
INSTRUMENTAL	HUMANIST, DISCIPLINARY, AND PROFESSIONAL COMPETENCIES	INSTITUTIONAL (MANDATORY)	MARKET RESEARCH	Marketing Metrics MER579				7
INSTRUMENTAL	HUMANIST, DISCIPLINARY, AND PROFESSIONAL COMPETENCIES	INSTITUTIONAL (MANDATORY)	HUMAN DEVELOPMENT	Elective Course in Human Development				6
FOUNDATIONAL	HUMANIST, DISCIPLINARY, AND PROFESSIONAL COMPETENCIES	PROFESSIONAL	DECISION-MAKING METHODOLOGY (MINIMUM 1)	Elective Course in Decision-Making Methodology				
FOUNDATIONAL	HUMANIST, DISCIPLINARY, AND PROFESSIONAL COMPETENCIES	PROFESSIONAL	STRATEGIC MANAGEMENT					
FOUNDATIONAL	HUMANIST, DISCIPLINARY, AND PROFESSIONAL COMPETENCIES	PROFESSIONAL	MARKETING INTELLIGENCE		Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	25
FOUNDATIONAL	HUMANIST, DISCIPLINARY, AND PROFESSIONAL COMPETENCIES	PROFESSIONAL	SALES AND NEGOTIATION SYSTEMS					
FOUNDATIONAL	HUMANIST, DISCIPLINARY, AND PROFESSIONAL COMPETENCIES	PROFESSIONAL	ECONOMICS AND FINANCE					
SPECIALIZED	HUMANIST, DISCIPLINARY, AND PROFESSIONAL COMPETENCIES	CAPSTONE	RESEARCH SEMINARS					
SPECIALIZED	HUMANIST, DISCIPLINARY, AND PROFESSIONAL COMPETENCIES	CAPSTONE	RESEARCH	Doctoral Protocol TED 113	Doctoral Research TED 114			10
SPECIALIZED	HUMANIST, DISCIPLINARY, AND PROFESSIONAL COMPETENCIES	CAPSTONE	RESEARCH	Doctoral Dissertation I TED 101	Doctoral Dissertation II TED 102	Doctoral Dissertation III TED 103	Doctoral Dissertation IV TED 104	40

TOTAL

102

TC MX	102
TC USA	51

DOCTORATE DEGREE IN
ORGANIZATIONAL MANAGEMENT

MODALITY: Online education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/01/1028/2013

ACADEMIC PROGRAM PURPOSE

It trains high-level Doctors who integrate scientific knowledge in the areas of organizational management through the diagnosis of business activities related to the areas of human development, social sciences, finance, marketing, in order to design management proposals based on logistic processes and information technologies, with the aim of contributing positively and in solidarity to the welfare and prosperity of organizations in their locality, the region and the country in research centers, higher education institutions and the productive sector.

ENTRY PROFILE

Knowledge

- Identifies research methodologies and tools.

- Distinguishes sectorial, national and international administrative theories and trends.

- Differentiates basic and applied concepts in management, leadership, negotiation, decision making.

- Analyzes general concepts applied in marketing and international trade.

- Identifies the economic, political and social variables that affect organizations.

- Distinguishes the various internal (human talent) and external (customers, shareholders, society) actors that interact within and outside organizations.

- Analyzes financial information necessary for the daily exercise and that guarantees the profitability of the organizations.

- Identifies products, services and ideas with potential for business, regional, national and international development.

- Analyzes and makes decisions.

Skills

- Handles virtual information.

- Proficient in English.

- Works and coordinates groups

- Analytical decision making.

- Creative capacity.

- Is directed towards multidisciplinary self-training.

Attitudes And Values

- Leadership and entrepreneurship.

- Honesty and generosity.

- Tolerance and openness to different cultures.

- Ethics and social responsibility.

- Leadership and service mission.

- Sensitivity to social, local, regional and national needs.

- Prioritizes social problems related to the business sector.

- Taste for research.

Habits

- Systematic and effective study habits for the development of research projects.

- Works in a methodical and systematized way.

- Reading habits

THE GRADUATION PROFILE FOR THE DOCTOR IN ORGANIZATIONAL MANAGEMENT:

Dimension research on management and direction in organizations from different sectors and contexts.

Disseminate rigorous research on organizational behavior and culture with an interdisciplinary approach.

Generate motivation, teamwork and communication strategies for efficient internal organizational processes and structure.

Have information on macroeconomic variables for the insertion of organizations in an international dynamic.

Design global strategies to strengthen organizations and their competitiveness through the use of statistics and information technologies.

Analyze financial resources and investment projects as variables that generate productivity and employment.

Provide market intelligence information and marketing strategies, which guarantee the creation of innovative products and services for the benefit of various national and international sectors.

PROGRAM CURRICULAR LINES

The program has a number of 14courses that can be taken in a flexible curriculum in 12 school four-month periods.

It is composed of:

General Education: A general course that is one that emphasizes the training of the student under the profile of the UPAEP.

Propedeutic Training: does not apply

Theoretical training which shows courses of the area that allow students a training of a disciplinary nature.

Disciplinary Training that consists: It concentrates optional courses, in terms of specialized training in some complementary area of the discipline.

Research courses that consists: The purpose of this lies in the development of skills for the preparation of students in their completion and graduation phase of the academic program.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences

CURRICULAR MAP

DOCTORATE DEGREE IN ORGANIZATIONAL MANAGEMENT
ONLINE EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS					TC
INSTRUMENTAL	HUMANIST, DISCIPLINARY, AND PROFESSIONAL COMPETENCIES	INSTITUTIONAL (MANDATORY)	STRATEGIC MANAGEMENT	Organizational Theory, Structure, and Processes ORG552				7
			HUMAN TALENT	Talent Management HUM550				6
			SOCIAL SCIENCES	Economic Analysis of Public Policy POL551				7
			HUMAN DEVELOPMENT	Elective Course in Human Development				6
FOUNDATIONAL		PROFESSIONAL	ECONOMICS AND FINANCE (MINIMUM 1)	Elective Course in Economics and Finance				
			STRATEGIC MANAGEMENT					
			SOCIAL SCIENCES					
			HUMAN TALENT					
			MARKETING AND STRATEGIC SALES		Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	25
			LOGISTICS, MANUFACTURING, AND QUALITY					
			INFORMATION TECHNOLOGY AND DECISION-MAKING METHODOLOGY					
SPECIALIZED		CAPSTONE	RESEARCH SEMINARS					
			RESEARCH	Doctoral Protocol TED113	Doctoral Research TED114			10
				Doctoral Dissertation I TED101	Doctoral Dissertation II TED102	Doctoral Dissertation III TED103	Doctoral Dissertation IV TED104	40
	TOTAL							101

	TC
TC MX	101
TC USA	51

COLLEGE OF
SOCIAL SCIENCES

BACHELOR´S DEGREE

- INTERNATIONAL RELATIONS
- POLITICAL SCIENCE
- LAW
- ECONOMICS
- ADMINISTRATION, GOVERNMENT AND PUBLIC POLICY
- COMMUNICATION AND DIGITAL MEDIA
- FILM AND AUDIOVISUAL PRODUCTION
- COMMUNICATION

MASTER´S DEGREE

- LAW
- FISCAL LAW
- POLITICAL SCIENCE AND PUBLIC MANAGEMENT
- APPLIED ECONOMICS
- CRIMINAL LAW
- CONSTITUTIONAL LAW AND PROTECTION
- POLITICAL SCIENCE
- CHRISTIAN SOCIAL LEADERSHIP

DOCTORATE DEGREE

- LAW

COLLEGE OF SOCIAL SCIENCES

BACHELOR'S DEGREE IN
INTERNATIONAL RELATIONS

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/996/2013

ACADEMIC PROGRAM PURPOSE

It trains Bachelors in International Relations with a multidisciplinary and transdisciplinary vision, which starts from the need to understand and propose solutions to the problems of various kinds that affect international society because it is constantly changing and evolving, promoting the development of international relations by areas, namely: international law, theory and methodology of International Relations, economics, international politics, history and foreign policy of Mexico, international politics and regional studies, in order to perform with a humanistic vision, possessing values that make them capable of building, from their work environment, a better society in search of peace, equity, dialogue and respect in a global world.

ENTRY PROFILE

Knowledge

- Interest in international events and their impact on different nations.

- Basic knowledge of geography, Mexican history, world history, writing and writing in Spanish.

- Possess an intermediate level of English.

Abilities and/or skills

- Ability to analyze political, economic, legal, social and cultural issues.

- Ability to work in multidisciplinary teams.

- Potential to develop leadership skills.

- Capacity for analysis, synthesis, oral and written expression.

- Willingness to learn other languages.

Attitudes and/or values

- Sense of social responsibility and humanistic ethics.

- Critical thinking to change their social environment.

- Leadership and negotiation attitudes.

- Entrepreneurial development.

Habits

- Study habits.

- Reading.

- Interrelation with society.

THE GRADUATION PROFILE FOR THE BACHELOR IN INTERNATIONAL RELATIONS

The competencies acquired in the Bachelor of International Relations are:

- To use International Relations theories to problematize and critically analyze the development of different types of global phenomena.

- To propose frameworks of action for the resolution of problems of the international agenda, on the basis of theoretical-conceptual tools, to contribute to the academic debate on international policies.

- To develop academic research that is relevant to current social contexts (local, regional, transnational, and global) in order to guide decision making.

- To analyze the main challenges of the global agenda such as: human rights, cultural diversity, environment, international security, among others, and to suggest possible solutions.

- To communicate orally and in writing in Spanish, English, and French in order to be able to work in the field of international relations, while recognizing cultural heterogeneity.

- To employ advanced knowledge of descriptive, inferential and multivariate statistics for its application in International Relations research to enable students to continue their graduate studies at any university in the world.

- To develop oral and written expression, analysis and research skills.

- To analyze the diverse world conflicts from historical, political, social, economic, cultural, and military perspectives.

- To develop strategies to carry out international negotiations based on legal and conflict resolution mechanisms.

- To encourage respect for human rights, gender diversity, the environment, and international security.

PROGRAM CURRICULAR LINES

The program is composed by 54 courses that can be completed in a flexible curriculum over eight school periods:

General Education: Six courses on humanistic thought and training, four English courses, four French courses, and one of academic computer skills.

Propaedeutic Education: Basic English I, Basic English II.

Theoretical Training: Two introductory courses on International Relations, two courses on research methodology in Social Sciences, one introductory course on law, one introductory course on economics, one introductory course on mathematics for social sciences, and three courses on political science: an introductory one, as well as two courses on history and the Mexican political system.

Disciplinary Training: Three courses on international politics, three courses on statistics for the social sciences, one course on foreign policy, one course on international political economy, three courses on International Law, two courses on theories of International Relations, six courses on regional scenarios, one course on political science, one course on international negotiation. In the elective core, five courses on Mexican international relations, five courses on international politics and globalization, five courses on international political economy, five courses on international trade, and five courses on entrepreneurship.

Courses on academic research: One integrative course and two research courses.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN INTERNATIONAL RELATIONS
GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS	Courses					TH	TC
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL COMPETENCIES	INSTITUTIONAL	COMPUTING	Digital Tools and Community COM013					4	8
			HUMANIST THINKING AND FORMATION	Fundamentals of Critical and Humanist Thinking FIL016	Structural Fundamentals of Critical Thinking LPC001	Academic Writing LPC002			9	18
					Person and Humanist Culture FHU004	Ethics and Social Responsibility FHU005	Humanist Formation Elective OFH001		11	22
			ENGLISH	Intermediate English ING103	Advanced English I ING104	Advanced English II ING105	Advanced English III ING106		20	40
			FRENCH			French Elective 1	French Elective 2	French Elective 3	French Elective 4	20	40
FOUNDATIONAL		PROFESSIONAL FOUNDATIONS	INTERNATIONAL RELATIONS	International Relations LRI101	History of International Relations LRI105				6	12
			SOCIAL SCIENCES RESEARCH METHODS	Writing in the Social Sciences LPC003	Seminar on Methods and Techniques of Research for Social Sciences LRI106				6	12
			LAW			Legal System in Mexico DER009			3	6
			POLITICAL SCIENCE	Introduction to Political Science POL112	Political History of Mexico POL108		Political System in Mexico POL212		9	18
			ECONOMICS				Economics ECO001		3	6
			MATHEMATICS FOR SOCIAL SCIENCES		Algebra MSH002				4	8
		PROFESSIONAL	GLOBAL POLITICS			Comparative Political Systems LRI213			3	6
						Contemporary International Politics LRI203	International Organization LRI211		6	12
			STATISTICS FOR SOCIAL SCIENCES			Descriptive Statistics MSH004	Inferential Statistics MSH005	Multivariate Statistics MSH011	12	24
			FOREIGN POLICY				Mexican Foreign Policy LRI201		3	6
			INTERNATIONAL POLITICAL ECONOMY				International Political Economy LRI214		3	6

BACHELOR'S DEGREE IN
POLITICAL SCIENCE

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: 20192097

ACADEMIC PROGRAM PURPOSE

It trains Bachelors in Political Science with an ethical and humanistic vision to analyze, advise and propose alternatives to political-social problems, through the application of theoretical and conceptual frameworks and methodologies of the discipline, in the generation of products for management and political participation, in order to guide decision making that contribute to the construction of the Common Good with a transforming leadership.

ENTRY PROFILE

Knowledge

- Distinguishes the main historical events of Mexico.

- Recognizes arguments in a discourse.

- Compares social issues in different contexts.

Abilities and/or skills

- Communicates effectively.

- Manages basic algebra operations.

- Uses information and communication technologies to search for information.

Attitudes and/or values

- Is inclined to an entrepreneurial and leadership attitude.

- Is concerned about transforming social reality.

- Values the importance of congruence.

- Acts with vocation of Service.

THE GRADUATION PROFILE FOR THE BACHELOR IN POLITICAL SCIENCES

- Design sustainable and sustainable political strategies in the construction of the Common Good.

- Analyze political phenomena and public affairs to guide the decision making of public and private actors.

- To use qualitative and quantitative instruments to generate political consulting products.

- Promote democratic political culture in the process of citizenship building.

- Execute political management tools in different contexts.

PROGRAM CURRICULAR LINES

The program has a number of 54 courses that can be taken in a flexible curriculum in 8 school periods. It is composed of:

General Education (institutional core). These curricular lines comply with the ideology of the University in the humanistic and solidary formation, as well as the technical formation (computing) and the English language mainly.

Theoretical Formation (basic professional core). The purpose of these courses is to introduce students to the main branches of their careers, which will later have a more specialized focus.

Disciplinary Training (professional and elective trunk). Its purpose is to teach political scientists how to proceed with the formal analysis of political phenomena and how to generate useful products for decision makers.

Elective courses. Towards the end of their studies, students may choose one of the areas of specialization, which are intended to provide a complementary field of knowledge to the student's professional aspirations.

Research courses (terminal curricular line). It consists of the preparation of the degree work, where students must develop their methodological knowledge around a research topic within the area of knowledge of their bachelor's degree.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN POLITICAL SCIENCE

GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS									TICH	TOCH	TC
FOUNDATIONAL	INSTITUCIONAL, PROFESSIONAL, AND COURSE	INSTITUTIONAL	COMPUTING	Digital Tools and Community COM013								72	56	8
			HUMANIST FORMATION	Person and Truth FHU006	Person and Freedom FHU007			Person, Family, and Society FHU008	Person and Transcendence FHU009			192	192	24
			ENTREPRENEURSHIP					Entrepreneurship EMP026				72	40	7
			LANGUAGES	Advanced English I ING115	Advanced English II ING116	Global Perspective ING117						216	264	30
		PROFESSIONAL FOUNDATIONS	POLITICAL THOUGHT AND THE COMMON GOOD	Classical Political Thought POL116	Contemporary Political Thought POL117 / Social Thought for the Common Good AGP103							144	144	18
			JUDICICARY BASIS		State and Legal Framework DER020	Administrative Law DER263	Organization and Parliamentary Procedure POL118					168	152	20
			POLITICAL SCIENCE	Fundamentals of Political Science POL119	An approach to the Political Phenomenon POL120	Political Science POL121						144	144	18
			PROFESSIONAL GOVERNMENT	Principles of Public Administration and Governance AGP102	Strategic Planning and Government AGP104	Public Policy I AGP101						144	80	17
			MATHEMATICS	Mathematical Reasoning MAT100	Descriptive Statistics MAT200	Inferential Statistics MAT201	Advanced Statistical Methods MAT202					288	256	34
			ECONOMICS			Microeconomics ECO012	Macroeconomics ECO013					96	96	12
DISCIPLINARY		PROFESSIONAL	POLITICAL HISTORY			Political History of Mexico POL231	Political History of Latin America POL232	American Political History POL233				144	144	18
			POLITICAL THEORY				Political Theory POL234	Democratic Theory POL235	Sociology and Political Movements POL236			144	144	18
			STRATEGY AND DECISION MAKING				Political Economy ECO005 / Lobbying and Political Negotiation POL237	Qualitative Research for Decision Making POL238	Geopolitics POL239 / Government Practice POL240	Globalization, Security, and Governance POL241		288	320	38
			POLITICAL SYSTEMS				Mexican Political System POL242 / Comparative Government Systems POL243		Political Parties and Electoral Processess POL244	Electoral Geopolitics and Legislation POL245		192	192	24
			POLITICS AND THE COMMON GOOD						Conflict Transformation and Peacebuilding POL246			48	48	6
									Political Philosophy POL247	Ethics and Government AGP400		96	96	12
			POLITICAL ANALYSIS AND CONSULTING						Situation Analysis POL248	Consulting POL252 / Marketing Instruments and Political Communication POL249	Political Consulting POL250 / Design and Management of Electoral Campaigns POL251	240	240	30
		ELECTIVE	ENTREPRENEURSHIP							Entrepreneurship Elective 1 OEM007	Entrepreneurship Elective 2 OEM008			
			DISCIPLINARY AREA							Selected Topics in Political Science I POL310	Selected Topics in Political Science II POL311	192	192	24
			ACADEMIC SYSTEMS OF SOCIAL RELEVANCE							Integrative Project of Social Relevance I VAS001	Integrative Project of Social Relevance II VAS002			
			GENERAL EDUCATION							General Education Elective 1 VAS003	General Education Elective 2 VAS004			
		CAPSTONE	RESEARCH								Political Science Pre-Graduation Seminar POL412	48	48	6
			TOTAL	7	8	7	7	6	7	7	7	2928	2848	364

TC MX	364
TC USA	182

BACHELOR'S DEGREE IN

LAW

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: 20192103

ACADEMIC PROGRAM PURPOSE

It trains law Bachelor graduates with a humanistic and ethical sense, who generate favorable conditions for a fair and equitable rule of law, using the different regulations applicable in the legal, commercial, criminal, civil, family and oral trial areas, with the purpose of proposing solutions to the problems in legal matters that allow the improvement of social coexistence.

Knowledge

- Relates knowledge of social sciences.

- Identifies social problems.

- Critically analyzes the social environment.

Abilities and/or skills

- Demonstrates facility to express him/herself orally and in writing.

- Observes current social situations in a critical manner.

- Manages information and communication technologies.

Attitudes and/or values

- Acts with dynamism and leadership.

- Appreciates the values of respect, commitment and solidarity.

- Is interested in resolving conflicts.

THE GRADUATION PROFILE FOR THE BACHELOR IN LAW

- Handle legal drafting, argumentation and oral expression in the legal context.

- Propose reasoned legal solutions with the proper use of processes, acts and procedures.

- Apply the rules and principles of the national legal system in specific cases.

- Use negotiation in alternative means of conflict resolution, when situations so warrant.

PROGRAM CURRICULAR LINES

The program has a number of 52 courses that can be taken in a flexible curriculum in eight school periods.

It is composed of:

General Education (institutional core):

Tools and Digital Community: Needed to Use Information Technology in the Modern World of Work

English classes: since this language, is currently used in the business world.

Human formation courses: They reinforce the spirit of UPAEP in students, oriented towards a humanism.

Entrepreneurship: So that they can apply their professional knowledge in the development of business projects.

Propedeutical Training

Does not apply in law

Theoretical and Disciplinary training

Disciplinary training

Research courses:

Includes selected topics of Law and a qualification

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN LAW
GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS									TICH	TOCH	TC
FOUNDATIONAL	INSTITUTIONAL, PROFESSIONAL, AND COURSE	INSTITUTIONAL	COMPUTING	Digital Tools and Community COM013								72	56	8
			HUMANIST FORMATION	Person, and Truth FHU006	Person and Freedom FHU007	Person, Family, and Society FHU008	Person and Contemporary Culture FHU010	Person and the Mexican Identity FHU011	Person and Transcendence FHU009			288	288	36
			ENTREPRENEURSHIP					Entrepreneurship EMP026				72	40	7
			LANGUAGES	Advanced English I ING115	Advanced English II ING116	Global Perspective ING117						216	264	30
		PROFESSIONAL FOUNDATIONS	FUNDAMENTALS OF LAW	Natural Law DER116 / Roman Law DER117	Legal History DER118 / Persons and Family Rights DER119	Property and Sucession Law DER120						264	248	32
			GENERAL CONCEPTS	Theory of Law DER121	State Theory DER122	General Crime Law DER123						168	152	20
			LEGAL REASONING	Legal Argumentation DER124 / Legal Logic FIL028		Deontology in Law DER125						216	200	26
DISCIPLINARY		PROFESSIONAL	CONSTITUTIONAL LAW AND WRIT OF PROTECTION				Human and Constitutional Rights I DER251	Human and Constitutional Rights II DER252		Writ of Protection I DER253	Writ of Protection II DER254	240	208	28
			PRIVATE LAW				Obligations and Contracts DER255 / Titles and Credit Operations DER256	Commercial Societies DER257 / Civil Procedure DER258	Commercial Procedure Law DER259			288	256	34
			CRIMINAL LAW				Federal and State Crimes DER260		Criminal Procedure DER261		Crime and Criminology DER262	192	192	24
			ASDIMISTRATIVE AND FISCAL LAW				Administrative Law DER263	Fiscal Law DER264	Fiscal Procedural Law DER265 / Environmental Law DER266	Copyrights, Trademarks, and Patents DER267		288	256	34
			SOCIAL LAW					Labor Law DER268	Labor Procedural Law DER269	Agricultural Law DER270		144	144	18
			INTERNATIONAL LAW					Public International Law DER271	Private International Law DER272			96	96	12
		ELECTIVE	LITIGATION							Legal Practice Laboratory I DER273	Legal Practice Laboratory II DER274	96	96	12
			ENTREPRENEURSHIP							Entrepreneurship Elective 1 OEM007	Entrepreneurship Elective 2 OEM008			
			DISCIPLINARY AREA							Selected Topics in Law I DER315	Selected Topics in Law II DER316	192	192	24
			ACADEMIC SYSTEMS OF SOCIAL RELEVANCE							Integrative Project of Social Relevance I VAS001	Integrative Project of Social Relevance II VAS002			
			GENERAL EDUCATION							General Education Elective 1 VAS003	General Education Elective 2 VAS004			
		CAPSTONE	RESEARCH								Law Pre-Graduation Seminar DER406	48	48	6
			TOTAL	7	6	5	7	8	7	6	6	2880	2736	351

TC MX	351
TC USA	176

BACHELOR'S DEGREE IN
ECONOMICS

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: 20192107

ACADEMIC PROGRAM PURPOSE

It trains Bachelor's degree graduates in economics who apply economic theory and quantitative methods, generating concrete proposals to the social and economic reality of Mexico and the world in an ethical manner, with the purpose of solving economic problems in the social sphere in an efficient and ethical way.

ENTRY PROFILE

Knowledge

- Distinguish basic mathematical concepts.

Abilities and/or skills

- Expresses him/herself orally and in writing in a basic manner.

- Shows minimal comprehension of texts in English.

- Uses basic communication technology tools.

Attitudes and/or values

- Demonstrates a pro-active and collaborative attitude to work in a team.

- Is aware of current social problems.

THE GRADUATION PROFILE FOR THE BACHELOR IN ECONOMICS

- Develop in depth the fundamental concepts and methods of economic theory for the resolution of economic problems that society faces in the political, social, environmental and business spheres.

- Propose optimal solutions to current and future economic problems, in accordance with the qualitative and quantitative data extracted with the help of econometric models, data science and simulators in multidisciplinary work teams with humanistic, ethical, social and scientific congruence.

- Communicate fluently in oral and written form in a multidisciplinary work environment both in a national and international context, respecting other ways of thinking in the economic field.

- Issue advisory reports on specific economic situations (local, regional, national or international) or economic sectors and companies.

PROGRAM CURRICULAR LINES

The program has a number of 55 courses that can be taken in a flexible curriculum in 9 school periods.

It is composed of:

General Education (institutional core): General Courses, which consist of... (no more than 15 additional words).

Mathematics: Mathematics I and II, Descriptive Statistics, Inferential Statistics.

Humanist Formation: Person and Truth, Person and Freedom, Person, Family and Society, Person and Contemporary Culture, Person and Mexican Identity, Person and Transcendence.

Languages: Language Elective 1 and 2, Global Perspective.

Entrepreneurship

Propaedeutic Training: The program do not have propaedeutic courses.

Theoretical training (basic professional core) and disciplinary training.

Research courses (terminal core).

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN ECONOMICS
GROUNDED EDUCATION

CURRICULUM AREAS	1	2	3	4	5	6	7	8	9	TICH	TOCH	TC
HUMANIST FORMATION	Person and Truth FHU006	Person and Freedom FHU007	Person, Family, and Society FHU008	Person and Contemporary Culture FHU010	Person and the Mexican Identity FHU011	Person and Transcendence FHU009				288	288	36
ENTREPRENEURSHIP					Entrepreneurship EMP026					72	40	7
LANGUAGES	Language Elective 1 OPI009	Language Elective 2 OPI010	Global Perspective ING117							216	264	30
MATHEMATICS	Mathematics I MAT106	Mathematics II MAT107								144	176	20
		Descriptive Statistics MAT200	Inferential Statistics MAT201							144	112	16
MICROECONOMICS		Principles of Microeconomics ECO110	Microeconomics I ECO111	Microeconomics II ECO112						240	240	30
MACROECONOMICS	Principles of Macroeconomics ECO113		Macroeconomics I ECO114	Macroeconomics II ECO115						96	96	12
ECONOMIC HISTORY	History of Economic Thought ECO116	Economic History I ECO117	Economic History II ECO118							144	144	18
FINANCE	General Accounting CAD003			Corporate Finance AFB200	Financial Markets AFB202					168	152	20
ADVANCED MICROECONOMICS					Advanced Topics in Microeconomics ECO217	Industrial Organization ECO218	Economics of International Trade ECO219			144	144	18
ADVANCED MACROECONOMICS							Economic Development ECO220	Monetary Economics ECO221	Macroeconomics in an Open Economy ECO222	144	144	18
ECONOMICS, MATHEMATICS, AND ECONOMETRICS				Mathematical Economics II ECO224	Game Theory ECO225					192	192	24
				Econometrics I ECO226	Econometrics II ECO227	Econometrics III ECO228				216	216	18
PUBLIC SECTOR ECONOMICS							Public Finance ECO229	Economy of Public Policies ECO230	Evaluation of Projects and Social Programs ECO231	168	168	21
APPLIED ECONOMICS						Innovation Economy ECO232	Environmental Economics ECO233	Applied Data Science for Economics TCD002		192	192	24
SELECTED TOPICS IN ECONOMICS							Social Market Economy ECO234	Selected Topics in Economics I ECO235	Selected Topics in Economics II ECO236	144	144	18
ENTREPRENEURSHIP								Entrepreneuship Elective 1 OEM007	Entrepreneuship Elective 2 OEM008			
DISCIPLINARY AREA								Selected Topics in Economics I ECO304	Selected Topics in Economics II ECO305			
ACADEMIC SYSTEMS OF SOCIAL RELEVANCE								Integrative Project of Social Relevance I VAS001	Integrative Project of Social Relevance II VAS002	192	192	24
GENERAL EDUCATION								General Education Elective 1 VAS003	General Education Elective 2 VAS004			
RESEARCH								Economics Pre-Graduation Seminar I ECO403	Economics Pre-Graduation Seminar II ECO404	96	96	12
TOTAL	6	6	7	6	7	5	5	6	5	3000	3000	366

TYPE: FOUNDATIONAL; DISCIPLINARY
COMPETENCIES: INSTITUTIONAL, PROFESSIONAL, AND COURSE
CORE: INSTITUTIONAL; PROFESSIONAL FOUNDATIONS; PROFESSIONAL; ELECTIVE; CAPSTONE

TC MX 366
TC USA 183

BACHELOR'S DEGREE IN
ADMINISTRATION, GOVERNMENT AND AND PUBLIC POLICY

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: 20192095

ACADEMIC PROGRAM PURPOSE

It trains Bachelor in Administration, Government and Public Policies, with a humanistic approach, to diagnose, design, implement and evaluate solutions to social problems, through the use of methodologies of administration, management and public policies, as well as the use of quantitative and qualitative models, to contribute to the legitimacy, participation, governance, transparency and ethics of governments for the benefit of the common good.

ENTRY PROFILE

Knowledge

- Relates basic mathematical principles for decision making.

- Recognizes administration as a management process.

- Describes historical social facts.

Abilities and/or skills

- Observes social problems in different contexts.

- Uses information and communication technologies to search for information.

- Uses oral and written communication in interpersonal relationships.

Attitudes and/or values

- Values collaborative work.

- Is concerned about promoting the development of society.

- Shows an entrepreneurial attitude.

THE GRADUATION PROFILE FOR THE BACHELOR IN ADMINISTRATION, GOVERNMENT AND PUBLIC POLICY

- Design sustainable and sustainable governmental projects for the benefit of society.

- To make governmental decisions based on the use of qualitative and quantitative instruments that explain social events.

- Promote the participation of society in the process of collaboration with the government.

- Optimize public resources in line with governmental objectives.

- Present solutions based on economic, political and legal analysis.

- Execute management tools in different organizational contexts.

PROGRAM CURRICULAR LINES

The program has a number of 53 courses that can be taken in a flexible curriculum in 8 school periods.

It is composed of:

General Education (institutional core): These curricular lines comply with the ideology of the University, which is to train graduates in Administration, Government and Public Policy where emphasis is given to humanistic and solidarity training, as well as English language training mainly.

Theoretical Formation (basic professional core). These curricular lines provide basic theoretical support in different disciplines.

Disciplinary Training (professional core). The purpose of this curricular line is to provide students with the skills to analyze, diagnose, design, implement and evaluate public solutions to social problems. It is also the compendium of knowledge of the public manager.

Elective courses. These are taken during the sixth, seventh and eighth cycles, where students will have to choose one course per cycle from a catalog. These courses may be from a general offer offered by the university, or from other academic programs such as Political Science. They can also be courses that are validated by an academic exchange.

Research courses (terminal curricular lines). These courses are divided into 2 curricular lines.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN ADMINISTRATION, GOVERNMENT, AND PUBLIC POLICY

GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS									TH	TC
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	INSTITUTIONAL	COMPUTING	Tools and the Digital Community COM013								4.5	8
			HUMANIST FORMATION	Person and Truth FHU006	Person and Freedom FHU007	Person, Family, and Society FHU008	Person and Contemporary Culture FHU010	Person and the Mexican Identity FHU011		Person and Transcendence FHU009		18	36
			LANGUAGES	Advanced English IING115	Advanced English IING115	Global Perspective ING117						13.5	30
FOUNDATIONAL		PROFESSIONAL FOUNDATIONS	LEGAL FOUNDATIONS		State and Legal Framework DER020	Legal Framework of the Mexican Municipality DER024						6	11
						Fundamentals of Municipal Finance DER025						3	6
			FUNDAMENTALS OF GOVERNMENT AND PRINCIPLES OF COMMON GOOD	Fundamentals of Political Science POL005	Public Affairs and Global Issues AGP100	Public Policy I AGP101						9	17
				Principles of Public Administration and Governance AGP102	Social Thought for the Common Good AGP103	Microeconomics EC0002						9	17
			MATHEMATICS	Mathematical Reasoning MAT100	Descriptive Statistics MAT200	Inferential Statistics MAT201						13.5	24
			GOVERNMENTAL PLANNING AND INNOVATION	Social Innovation EMP018	Strategic Planning and Government AGP104							6	12
SPECIALIZED		PROFESSIONAL	GOVERNMENTAL ACCOUNTING				Governmental Resource Management AGP200					3	6
							Governmental Accounting CAD006	Results Based Budget CAD007	Acquisition and Public Works CAD008	Federal Funds and Financial Audit CAD009		12	22
			PUBLIC ADMINISTRATION				Public Management AGP201	Governmental Modernization and Innovation AGP202	Strategic Leadership and Change Management LAE209			9	16
								Administrative Law DER239	Management Information Systems TCD300			6	12
									Urban and Territorial Planning AGP203			3	5
			GOVERNMENTAL ECONOMICS				Macroeconomics EC0003	Political Economy EC0005	Public Finance EC0212	Economy and Development ECO010		12	24
			GOVERNMENT AND THE COMMON GOOD				Models for the Elaboration of Government Projects AGP204	Public Policy II AGP205	Public Policy III AGP206	Public Service Management AGP207	Public Policy Evaluation AGP208	15	30
		CAPSTONE	PROFESSIONAL TOPICS						Elective OGP001	Elective OGP002	Elective OGP003	9	18
			INTEGRATION							Government Practice POL308		3	6
										Ethics and Government AGP400	Operation of Social Programs AGP401	6	12
			RESEARCH				Advanced Statistical Methods MAT202	Qualitative Method for Decision Making Research POL006			Pre-Graduation Seminar POL410	10.5	24
			TOTAL	7	7	7	7	7	7	6	5	171	336

TC MX	336
TC USA	168

BACHELOR'S DEGREE IN
COMMUNICATION AND DIGITAL MEDIA

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: 20192102

ACADEMIC PROGRAM PURPOSE

It trains Bachelors in Communication and Digital Media to manage communication strategically and creatively in different public and private organizations from a humanistic and entrepreneurial perspective, generating quality content supported by the efficient use of digital communication tools, in order to support the optimization of communication processes.

ENTRY PROFILE

Knowledge

- Identifies the sociocultural phenomena of the environment.

- Distinguishes research techniques.

- Recognizes the main existing media.

Abilities and/or skills

- Demonstrates oral and written communication skills.

- Manages information and communication technologies.

- Actively observes daily communication situations.

Attitudes and/or values

- Is sensitive to artistic and cultural expressions as well as to the problems of their environment.

- Appreciates the values of respect, commitment and solidarity.

- Is interested in communication processes.

THE GRADUATION PROFILE FOR THE BACHELOR IN COMMUNICATION AND DIGITAL MEDIA

- Create communication messages based on analysis and research to implement strategies that generate impact on social improvement.

- Adapt the language of the content to the different platforms communication and the target audience.

- Efficiently handle communication tools, adapting them to the needs of the environment.

- Use innovative tools for the design, strategy and evaluation of communication projects.

- Apply communication skills in different areas highlighting their written, oral, non-verbal and interpersonal skills,

- Carry out their communicative work based on new approaches communication with an ethical and humanistic vision.

- Develop communication initiatives with an entrepreneurial spirit.

- Manage communication strategies that help strengthen communication processes.

PROGRAM CURRICULAR LINES

The program has a number of 65 courses that can be studied in a flexible curriculum in nine school periods.

It is made up of:

Basic Communicative Tools: Itanalyzes the structural elements of Spanish, identifies the grammar and writing rules and uses them correctly. Applies communicative strategies for research and critical analysis of texts. Prepare texts supporting and arguing their position in the face of a criticism or specific proposal.

Theories of Communication: Locate Communication as an object of study, recognizing it as a social phenomenon and its conceptualization in Mexico, to define the importance of the communicator as a social actor.

Basic Techniques for Digital Media: To train students with the basic techniques and skills for: The development of the image, products, digital platforms and their application. (Art theory, Digital image, Digital editorial design, Social networks and digital platforms).

Fundamentals of Audiovisual Media: Development of the photographic image and sound language to apply them in different digital products. (Basic digital photography workshop, Advanced digital photography workshop, Sound and radio language).

Journalism: Analyze the management of journalistic genres of information and opinion in social networks and digital platforms, through the use of the information obtained to process, interpret and put it to the reach of different audiences.

Communication Approaches: Analyze and learn to distinguish and select between the various communication approaches, their characteristics and the needs of the various sectors of the society of having people capable of transforming from communication.

Applied Communication Tools: Analyze and produce meaningful texts, both written and visual, based on their knowledge of rhetoric and semiotics.

Audiovisual Production: The development of audiovisual production and apply it on different digital platforms according to the strategies of the institutions and the target audience. (Sound and radio language workshop, audiovisual language, audiovisual and television workshop I, audiovisual and television workshop II, film analysis, content creation workshop I, content creation workshop II).

Curriculum Line: Organizational Communication

1. Produce and develop communication processes in organizations that operate in areas of economic competitiveness and cultural diversity.

2. Solve problems related to the communication processes of the members of an organization, between the organization and its environment, and thus be in a position to influence the opinions, skills and behaviors of the organization's internal and external audiences, all in order for organizations to better meet their institutional objectives.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN COMMUNICATION AND DIGITAL MEDIA

GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS	1	2	3	4	5	6	7	8	9	TICH	TC
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	INSTITUTIONAL	COMPUTING		Digital Tools and Community COM013								4.5	8
			HUMANIST FORMATION	Person and Truth FHU006	Person and Freedom FHU007	Person, Family and Society FHU008	Person and Contemporary Culture FHU010	Person and the Mexican Identity FHU011		Person and Transcedence FHU009			18	30
			LANGUAGES	Advanced English I ING115	Advanced English II ING116	Global Perspective ING117							13.5	30
FOUNDATIONAL		PROFESSIONAL FOUNDATIONS	BASIC COMMUNICATIVE TOOLS	Creative Writing CMD100	Digital Writing CMD101	Academic Writing CMD102; Scriptwriting CMD103	Verbal Communication and Body Language CMD104						16.5	32
			COMMUNICATION THEORIES	Fundamentals of Communication CMD105	Communication Theories I CMD106	Communication Theories II CMD107	Cyberculture CMD108						12	24
			BASIC TECHNIQUES FOR DIGITAL MEDIA	Art Theory HUM008	Digital Image CMD109	Digital Editorial Design CMD110	Social Media and Digital Platforms CMD111						13.5	26
			FUNDAMENTALS OF AUDIOVISUAL MEDIA	Basic Digital Photography Workshop CMD112	Advanced Digital Photography Workshop CMD113	Sound and Radio Broadcasting Language CMD114							12	26
			JOURNALISM	Approaches to Journalism CMD115	Genres of Journalism CMD116		Digital Journalism Workshop CMD117						10.5	20
SPECIALIZED		PROFESSIONAL	APPROACHES TO COMMUNICATION					Social Approaches to Communication CMD200	Approaches to Organizational Comunication CMD201				6	12
			APPLIED COMMUNICATIVE TOOLS					Creating Digital Media Messages CMD202	Corporate Reputation CMD203				6	12
			AUDIOVISUAL PRODUCTION				Sound and Radio Broadcasting Language Workshop CMD204	Audiovisual Language CMD205	Audiovisual and Television Workshop I CMD206	Film Analysis CPA002; Audiovisual and Television Workshop II CMD207	Content Creation Workshop I CMD208	Content Creation Workshop II CMD209	28.5	62
			ORGANIZATIONAL COMMUNICATION							Internal Communication CMD210	Public Relations and Crisis Management CMD211	Organizational Social Sustainability CMD212	10.5	20
			COMMUNICATION AND SOCIETY					Right to Information CMD213		Public and Political Opinion CMD214	Economy ECO001	Media Law CMD215	12	24
			ADVANCED TECHNIQUES FOR DIGITAL MEDIA					Sound Production CMD216	Post-production I CMD217	Post-production II CMD218	Animation 3D CMD219	Professional Post-production CMD220	21	38
			MARKETING AND PUBLICITY				Marketing MER100	Consumer Behavior MER101	Market Research MER001		Publicity DPP011		12	24
			ENTREPRENEURSHIP						Managerial Environment LAE100	Entrepreneurial Models EMP017			9	15
		CAPSTONE	INTEGRATION									Professional Ethics CMD400	1.5	4
			RESEARCH			Introduction to Research POL004	Descriptive Statistics MAT200	Methods and Techniques of Qualitative Research CMD401		Design of Communication Projects CMD402	Strategies for Communication Projects CMD403	Evaluation of Communication Projects CMD404	24	44
			TOTAL	7	8	7	8	8	7	7	6	6	231	451

TC MX 451
TC USA 226

BACHELOR'S DEGREE IN
FILM AND AUDIOVISUAL PRODUCTION

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: 20192917

ACADEMIC PROGRAM PURPOSE

It trains Bachelors who produce and distribute cinematographic and audiovisual works with an ethical commitment, through the development of projects and knowledge of the languages of the audiovisual discipline, in search of significant and humanizing social change, reflected both in those who make films and in those who watch them.

ENTRY PROFILE

Knowledge

- Distinguishes basic concepts of general culture (history, art and literature) of Mexico, the present world and cinema.

- Identifies the importance of cinema in terms of its social influence.

- Recognizes current film works and filmmakers of importance for the development and identity of cinema.

Abilities and/or skills

- Elaborates articulated messages through images and sound.

- Presents visual and auditory memory.

- Writes texts that adequately communicate ideas.

- Constructs articulate verbal discourses.

Attitudes and/or values

- Tolerates work under pressure.

- Agrees to work in a team.

- Values an open and enterprising personality.

- Is inclined to devise, research and construct stories.

- Is interested in communication processes.

THE GRADUATION PROFILE FOR THE BACHELOR IN FILM AND AUDIOVISUAL PRODUCTION

- Generate fictional stories or documentaries with an ethical and humanistic sense to achieve a meaningful experience for the viewer.

- Design comprehensive audiovisual projects, from the Develop content for the film and audiovisual fields.

- Lead audiovisual and film work teams to conclude projects.

- Make strategic decisions that guarantee the completion of the audiovisual and cinematographic work.

- Adopt positions congruent with their thought and audiovisual work.

- Produce quality cinematographic and audiovisual works, for a more humane conscience of society.

- Assess realities in your environment to document them as projects.

- Work collaboratively on audiovisual projects.

PROGRAM CURRICULAR LINES

The program has a number of 69 courses that can be studied in a flexible curriculum in nine school periods.

It is composed of:

Theory / practice of cinema: whose courses establish the conceptual and theoretical foundations of the cinematographic trade, as well as the design and execution of practices that allow its total assimilation and mastery.

History and aesthetics: which will give background, context and artistic profile to the student's training.

Script and narrative: which offers the courses that have to train you in the processes and structures of dramatic construction and cinematographic discourse, from the exercise of the script and the adaptation.

Image and visuality: which includes training as it has to do with the image: its theory, conception, execution and processing (photography, composition, lighting, animation, etc.)

Production: which concentrates courses related to project conceptualization, assembly, sound, post-production processes and incorporation of new technologies.

Profession and university profile: axis that provides the essential university, ethical and humanistic training for any author who has to reach an audience, as well as the courses of project management and second language.

Terminal concentration in the Bachelor's degree: rather it has been thought (for the sake of greater flexibility that at the same time is in accordance with the specific interests of the students) in optional courses for semesters 7, 8 and 9 through Of which the students will be able to orient the emphasis of their training: more towards the "artistic - conceptual" (basically script, direction and / or production) or towards the "artistic - technical" (photography, sound and editing).

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN FILM AND AUDIOVISUAL PRODUCTION
GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS	Courses							TH	TC
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL COMPETENCIES	INSTITUTIONAL	COMPUTING	Digital Tools and Community COM013							4	8
			HUMANIST THINKING AND FORMATION	Fundamentals of Critical and Humanist Thinking FIL016	Structural Fundamentals of Critical Thinking LPC001			Academic Writing LPC002			9	18
					Person and Humanist Culture FHU004		Ethics and Social Responsibility FHU005		Humanist Formation Elective OFH001		11	22
			LANGUAGES AND CULTURE	Language and Culture Elective 1 OPI001	Language and Culture Elective 2 OPI002	Language and Culture Elective 3 OPI003	Language and Culture Elective 4 OPI004				20	40
FOUNDATIONAL		PROFESSIONAL FOUNDATIONS	AUDIOVISUAL LANGUAGE	Film Language I CPA105	Film Language II CPA106						7	14
			PRE-PRODUCTION		Pre-production Projects CPA107	Post-Production and Budgeting CPA108					6	12
			SCREENPLAY WRITING	Models of Classical Narrative CPA109	Scriptwriting CPA110						5	10
			EDITING TOOLS			Editing Software Programs CPA111					3	6
			IMAGE	Image Theory CPA112	Fundamentals of Filmmaking CPA113						6	12
			SOUND LANGUAGE		Sound Theory CPA114						3	6
			CINEMA HISTORY AND THEORY	Film Identity CPA115	Film Genres CPA116	History of Mexican Cinema CPA101					8	16
				Film History CPA100							4	8
			ART		Introduction to Art Direction CPA117						2	4
		PROFESSIONAL	DIRECTION	Film Direction I CPA214	Film Direction II CPA215	Directing Actors CPA216	Realization CPA217				13	26
					Direction and Continuity Assitance CPA218	Documentary Filmmaking CPA219					5	10
				Fiction Screenplay CPA220	Documentary Screenplay CPA221	TV Series Writing CPA222	Adaptation Theory CPA223				12	24
			EDITING		Editing I CPA224	Editing II CPA225		Advanced Editing Workshop I CPA226	Advanced Editing Workshop II CPA227	Post-Production Workflow CPA228	15	30
			CINEMATOGRAPHY	Cinematography I CPA229	Cinematography II CPA230	Lighting Techniques CPA231					10	20
			SOUND	Direct Sound CPA232	Audio Post-Production CPA233	Sound Language CPA234					9	18
			DOCUMENTARY FILM		Documentary Film CPA235						3	6
SPECIALIZED			SETTING		Art Direction CPA236						3	6
			ANIMATION		Stop Motion Animation CPA237	Visual Effects CPA238					7	14
		ELECTIVE	ENTREPRENEURSHIP			Entrepreneurial Model EMP001	Entrepreneurship Elective OEM001				7	13
			ARTISTIC - CONCEPTUAL		Executive Production and Project Development CPA304	Sequence Plan Workshop CPA305	Transmedia CPA306					
					Dramatic Construction and Creation of Characters CPA307	Script Thesis Seminar CPA308	Realization for Thesis Writing CPA309				18	36
			ARTISTIC - TECHNICAL		Sound Design CPA310	Lighting Workshop CPA311	Cinematography for Thesis Writing CPA315					
					Image Post-Production CPA313	Sound Mixing Seminar CPA312	Visual Effects Techniques CPA314					
		CAPSTONE	INTEGRATION	Fiction Shooting I CPA410	Documentary Shooting I CPA411	Shooting Fiction II CPA412	Documentary Shooting II CPA413	Fiction Shooting III CPA414			8	16
			RESEARCH		Film Analysis CPA206	Final Project Production Workshop CPA415					7	14
					Stage Direction CPA416	Art Direction Seminar CPA417					6	12
		TOTAL									211	421

TC MX 421
TC USA 211

BACHELOR'S DEGREE IN
COMMUNICATION

MODALITY: Grounded education

CAMPUS: TEHUACÁN

RVOE: SEP-SES/21/156/04/1006/2013

ACADEMIC PROGRAM PURPOSE

It trains Bachelors in organizational communication, through development in the theoretical, methodological, communication and society areas and specialized writing, and thus undertake, intervene, manage, address social, economic, political situations in the field of communication and produce texts, in order to create, improve and / or solve communication situations in the organizational and strategic field.

ENTRY PROFILE

Knowledge

- Recognizes the basic principles of social sciences and humanities.

- Distinguishes research techniques.

Abilities and/or skills

- Handles information and communication technologies, writes basic texts.

- Has the ability to speak in public.

Attitudes and/or values

- Taste for reading.

- Is sensitive to artistic and cultural expressions as well as to the problems of their environment.

- Appreciates the values of respect, commitment and solidarity.

- Is interested in the processes of communication and is willing to intervene creatively in these processes.

- Is aware of current social problems.

THE GRADUATION PROFILE FOR THE BACHELOR IN COMMUNICATION

- Integrates communication theories with emphasis on interpersonal communication.

- Classifies concepts and theoretical approaches in psychology, sociology, history, economics, politics, journalism and public opinion.

- Uses the different tools of linguistic production.

- Interprets languages of conventional media, information and communication technologies and new media.

- Constructs theoretical support that allows interpreting reality and intervening in it.

- Interprets political, social, historical, psychological and economic processes and problems of today's world to identify the different angles of approach to social phenomena.

- Develops meaningful texts in different platforms to support strategic intervention plans.

- Applies conventional media, information and communication technologies and new media for the development of transcendent messages.

- Plans strategic communication projects to improve situations in specific social contexts.

- Is aware of responsibility and care in the use of speech and discourse.

- Acts ethically and responsibly in the use of the media for social development and with attachment to universal values that allow the integration of social groups for the common good.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN COMMUNICATION (TEHUACAN CAMPUS)
GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS								TH	TC
INSTRUMENTAL	FUNDAMENTAL GENERIC, DISCIPLINARY, AND PROFESSIONAL COMPETENCIES	INSTITUTIONAL	COMPUTING	Digital Tools and Community COM005							2	4
			HUMANIST THINKING AND FORMATION	Fundamentals of Critical and Humanist Thinking HUM001	Structural Fundamentals of Critical Thinking HUM002	Academic Writing HUM003		Humanist Formation Elective OHU001			9	18
					Person and Humanist Culture HUM004	Ethics and Social Responsibility HUM005					9	18
			LANGUAGES	Language Elective I OID001	Language Elective 2 OID002	Language Elective 3 OID003	Language Elective 4 OID004				20	40
FOUNDATIONAL		PROFESSIONAL FOUNDATIONS	INTRODUCTION TO THE COMMUNICATION THEORY	Fundamentals of Communication Study LCO1OO							3	5
			LINGUISTICS	Morphosyntax LCO1O1	Writing in the Social Sciences LCO102						6	12
			TECHNOLOGIES	Composition Workshop LCO1O3	Image Worshop LCO1O4	Sound Language LCO1O5	Audiovisual Language LCO1O6				13	24
			JOURNALISM			Journalism and Communication LCO1O7	Journalistic Genres and Formats LCO1O8				6	10
			COMMUNICATION AND SOCIETY	Contemporary World History LCO1O9	Social Psychology LCO110	Introduction to Political Science DER007	Open Government DER009	Fundamentals of Economics LAE022		Educational Communication LCO111	18	31
SPECIALIZED		PROFESSIONAL	COMMUNICATION THEORIES		North American Communication Theories LCO2OO	European Communication Theories LCO201	Latin American Communication Theories LCO202		Corporate Communication LCO203		12	23
			COMMUNICATION PROJECTS				Political Communication Projects LCO204	Organizational Communication Projects LCO205	Development Communication Projects LCO206		9	18
			AUDIENCE STUDY AND DEVELOPMENT					Audience Study LCO207	Audience Development LCO208		6	12
			SPECIALIZED WRITING			Scriptwriting for the Media LCO209		Media Message Construction LCO210	Multimedia Discourse Production LCO211		9	15
			APPLIED TECHNOLOGY				Sound Laboratory LCO212		Audiovisual Laboratory LCO213	Corporate Production LCO214	12	24
								New Media and Technology LCO215	Multimedia Workshop I LCO216	Multimedia Workshop II LCO217	11	21
			DIGITAL JOURNALISM					Digital Journalism Workshop LCO218			3	5
			ENTREPRENEURSHIP						Entrepreneurial Model LAE214	Entrepreneurship Elective OAE001	6	12
			ORGANIZATIONAL COMMUNICATION							Approaches to Organizational Communication LCO219	Strategic Communication LCO220	19	37
										Human Talent LAE021	Applied Communication LCO221		
										Intellectual Capital LCO222	Creation and Management of Knowledge in Organizations LAE200		
										Social Responsibility LCO223			
		CAPSTONE	RESEARCH		Qualitative Research Methods and Techniques LCO3OO	Quantitative Research Methods and Techniques LCO301	Participatory Research Methods LCO302		Design and Strategy of Communication Projects LCO303	Communication Project Assessment LCO304	15	30
			TOTAL	7	8	8	7	7	8	7	7	180	359

TC MX	359
TC USA	180

BACHELOR'S DEGREE IN
LAW

MODALITY: Grounded education

CAMPUS: TEHUACÁN

RVOE: SEP-SES/21/156/04/1002/2013

ACADEMIC PROGRAM PURPOSE

To train law professionals with a humanistic and ethical vision in accordance with the challenges implied by the new social and legal structures, the advances in technology, globalization, but at the same time the massification, the fading of borders and depersonalization, through the critical analysis of their environment, knowledge and application of the laws and regulations of the State and the development of acquired values in order to make effective their profile in the different substantive branches of law such as civil, criminal, commercial, constitutional, fiscal and international, to provide advice, resolve conflicts, carry judicial representation, serve as a public servant or investigate any legal area that society requires as a social leader.

ENTRY PROFILE

Knowledge

- Recognizes general topics of national and universal history, political geography of Mexico and universal, as well as values.

- Identifies elementary notions of law.

- Distinguishes which are the legal institutions.

- Defines the social problems of the environment and takes responsibility in the search for alternative solutions.

Skills

- Classifies some basic regulations.

- Manages critical and analytical thinking in the handling of information.

- Exposes ideas in a clear, concrete and organized way, both verbally and in writing.

Attitudes and/or values

- Is interested in cultural diversity

- Assumes with responsibility their individual and social commitments

- Possesses a creative, enthusiastic and innovative personality.

- Values service to others

- Honest by conviction

- Exercises a sense of fairness and loyalty

THE GRADUATION PROFILE FOR THE BACHELOR IN LAW

1. Interprets the general principles of law and the legal system.

2. Identifies the organization of the country and the legal norms that regulate the states.

3. Applies the legal norms of the different branches of civil, criminal, labor, commercial, administrative and fiscal law that regulate and organize in different areas.

4. Applies justice and equity in all situations in which he/she intervenes.

5. Expresses himself orally in a fluent and technical language, using precise and clear legal terms.

6. Undertakes negotiation strategies and alternative dispute resolution.

7. Exercises legal argumentation and interpretation.

8. Develops negotiation and mediation strategies to solve conflicts.

9. Commits to a legal vision of the country and the principles that govern relations between states.

10. Values the relevance of the use of alternative means of conflict resolution.

11. Is aware of the ethical dimension of the legal professions and the social responsibility of the law graduate and act accordingly.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN LAW (TEHUACAN CAMPUS)

GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS									TH	TC
INSTRUMENTAL · FOUNDATIONAL	FUNDAMENTAL GENERIC, DISCIPLINARY, AND PROFESSIONAL COMPETENCIES	INSTITUTIONAL	COMPUTING	Digital Tools and Community COM005								2	4
			HUMANIST THINKING AND FORMATION	Fundamentals of Critical and Humanist Thinking HUM001	Structural Fundamentals of Critical Thinking HUM002	Academic Writing HUM003			Humanist Formation Elective OHU001		9	18
					Person and Humanist Culture HUM004	Ethics and Social Responsibility HUM005					9	18
			LANGUAGES	Language Elective I OID001	Language Elective 2 OID002	Language Elective 3 OID003	Language Elective 4 OID004				20	40
		PROFESSIONAL FOUNDATIONS	FUNDAMENTALS OF LAW	Natural Law DER108	Roman Law DER109	History of Law in Mexico DER110					9	18
			GENERAL CONCEPTS	Theory of Law DER111	State Theory DER112						7	13
			LEGAL REASONING		Inductive Reasoning DER006	Legal Argumentation DER 113				Deontology in Law DER114	9	18
			LEGAL THINKING				General Theory of Process DER115	Human Rights DER116			6	12
SPECIALIZED		PROFESSIONAL	CIVIL LAW		Persons and Family Rights DER205	Property and Sucession Law DER237	Obligations and Contracts DER238	Civil Procedure DER239			15	28
			WRIT OF PROTECTION						Writ of Protection Law I DER240	Writ of Protection Law II DER241	6	12
			CRIMINAL LAW			General Criminal Law DER242	Local Jurisdiction Crimes DER243	Federal Crimes DER244	Criminal Procedure I DER245	Criminal Procedure II DER 246	15	30
			CONSTITUTIONAL LAW				Constitutional Law I DER247	Constitutional Law II DER248	Administrative Law DER249		9	18
			COMMERCIAL LAW				Titles and Credit Operations DER250	Commercial Societies DER251	Commercial Procedure DER252		9	18
			FISCAL LAW					Fiscal Law DER253	Fiscal Procedural Law DER254		7	12
			INTERNATIONAL LAW						Public International Law DER255	Private International Law DER256	6	12
			LABOR LAW					Labor Law DER257	Labor Procedural Law DER258		6	12
			LEGAL PRACTICE						Legal Management DER259	Legal Consulting DER230	10	16
			LITIGATION						Procedural Systems DER231	Alternative Dispute Resolution DER232	6	12
									Legal Terminology DER233	Criminology DER234	6	12
									Corporate Law DER235	Criminalistics DER236	6	12
		CAPSTONE	RESEARCH	Research Methods and Techniques DER404						Pre-Graduation Seminar DER405	6	12
			TOTAL	6	7	7	6	7	8	7	6	178	347

TC MX	347
TC USA	174

BACHELOR'S DEGREE IN
LAW

MODALITY: Semi - grounded education

CAMPUS: PUEBLA

RVOE: 20192100

ENTRY PROFILE

Knowledge

- Identify general culture concepts.

- Recognize information technology concepts.

- Identifies the importance of laws in the legal framework.

 Abilities and/or skills

- Demonstrates ability for self-regulated learning.

- Uses technology appropriately.

- Demonstrates facility in reading comprehension in his/her educational endeavors.

- Demonstrates good spelling and writing in the elaboration of texts, as well as verbal fluency.

Attitudes and/or values

- Values the importance of ethics in their social context.

- Demonstrates honesty in his/her work and social context.

- Appreciates perseverance in their educational context.

- Values the importance of justice.

ACADEMIC PROGRAM PURPOSE

It trains Bachelors in Law with a humanistic and ethical vision, which considers the challenges implied by the new social and legal structures, the advances in technology, globalization, but at the same time the massification, the fading of borders and depersonalization, through the development of the different branches of civil law, criminal, commercial, constitutional, labor, agrarian, fiscal and international law, with the purpose of rendering services as advisor, manager in the alternative solution of conflicts, legal representative, public or private, imparter of justice, investigator or holding positions in the public administration, according to the new Mexican legal system.

THE GRADUATION PROFILE FOR THE BACHELOR IN LAW

- Interprets the norms and principles of the national and international legal system in concrete cases.

- Argues fairly and justly in all situations in which he/she intervenes.

- Shows commitment to human rights and to the social and democratic rule of law.

- Is inclined to work in the field of social law.

- Is aware of the ethical dimension of legal professions and social responsibility and act accordingly.

- Applies legal arguments based on the Mexican legal framework to concrete cases of his profession.

- Implements the use of alternative means of conflict resolution.

- Applies their knowledge in an ethical and effective manner in a specific area of their profession, always seeking the common good.

- Uses the appropriate legal lexicon in the drafting of texts, and expresses himself or herself orally in a fluent and technical language in his or her work environment.

- Is inclined to make reasoned, founded and motivated legal decisions, within the corresponding legal framework.

- Demonstrates critical awareness in the analysis of the national and international legal system, taking globalized contexts as a reference.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

TYPE | **COMPETENCIES** | **CORE** | **CURRICULUM AREAS** ... **TICH TOCH TC**

CURRICULUM AREAS	Courses														TICH	TOCH	TC
HUMANIST FORMATION	Person and Truth FHU006	Person, Family, and Society FHU008	Person and Transcendence FHU009												42	246	18
FUNDAMENTALS OF LAW	Natural Law DER107	Roman Law DER108	History of Law in Mexico DER109												42	246	18
GENERAL CONCEPTS	Theory of Law DER110	State Theory DER111													28	164	12
LEGAL REASONING	Inductive Reasoning MAT010	Legal Argumentation DER112													42	182	14
LEGAL THINKING	General Theory of Process DER113														14	82	6
CIVIL LAW	Persons and Family Rights DER200	Property and Sucession Law DER203	Obligations and Contracts DER205	Civil Procedure DER208											70	346	26
LEGAL PROTECTION	Legal Protection I DER209	Legal Protection II DER212													42	182	14
CRIMINAL LAW	General Criminal Law DER213	Local Jurisdiction Crimes DER216	Federal Crimes DER217	Criminal Procedure I DER220	Criminal Procedure II DER222										98	446	34
CONTITUTIONAL LAW	Constitutional Law I DER224	Constitutional Law II DER225	Administrative Law DER227												42	246	18
COMMERCIAL LAW	Titles and Credit Operations DER230	Commercial Societies DER231	Commercial Procedure Law DER232												56	264	20
FISCAL LAW	Fiscal Law DER233	Fiscal Procedural Law DER234													42	182	14
INTERNATIONAL LAW	Public International Law DER235	Private International Law DER236													28	164	12
SOCIAL LAW	Labor Law DER237	Labor Procedural Law DER238	Agricultural Law DER239												56	264	20
LEGAL PRACTICE	Alternative Dispute Resolution DER240	Legal Management and Consulting DER241	Oral Trials DER242												70	282	22
POLITICAL SCIENCE, GOVERNANCE, AND PUBLIC MANAGEMENT	Development of Mexican Public Administration DER243	Public Policy LAE005	Public Finance DER244												42	246	18
	New Public Management and Governance DER245	Parliamentary Law DER246	The Mexican Electoral System DER247												42	246	18
INTEGRATION	Deontology in Law DER300	Selected Topics in Law DER302													42	182	14
RESEARCH	Research Methods and Techniques DER303	Pre-Graduation Seminar DER304													28	164	12
TOTAL	3	2	2	2	3	2	3	2	3	3	3	2	2	2	2	3	2	2	2	826	4134	310

TC MX 310
TC USA 155

BACHELOR'S DEGREE IN

LAW

MODALITY: Online education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/2123/2018

ACADEMIC PROGRAM PURPOSE

It trains Bachelors in Law with a humanistic and ethical vision, which analyzes and compares national and international legislation, with a broad, globalized and international vision, through the development of the different substantive branches of civil, criminal, commercial, constitutional, tax and international law, in order to provide advice, serve as legal representative, public servant or researcher with the strategic use of technology in the service of law and for the benefit of society and justice.

ENTRY PROFILE

Knowledge

- Identifies concepts of general culture.

- Recognizes the use of technology tools to access new ways of learning.

 Abilities and/or skills

- Shows skills for the management of technological tools.

- Manages reading comprehension in their educational work.

- Shows oral and written skills for the management of information.

- Demonstrates research and information management skills.

Attitudes and/or values

- Shows willingness for self-regulated learning.

- Demonstrates openness and disposition for collaborative work.

- Prioritizes interest in the study of social sciences.

- Shows a spirit of service and solidarity towards people.

- Is inclined to work ethically and honestly.

- Values the importance of being fair.

Habits

- Study habits.

- Works with order and discipline.

THE GRADUATION PROFILE FOR THE BACHELOR IN LAW

- Applies the norms and principles of the national and international legal system in concrete cases.

- Is interested in the role of human rights and the social and democratic rule of law.

- Is aware of the ethical dimension of the legal professions, of social responsibility and acting accordingly.

- Uses the skills to reason and argue legally, as a legal representative in the context in which he/she operates.

- Applies his knowledge in an ethical and effective manner in a given area of his profession.

- Shows ability to express him/herself orally with fluent and technical language, using legal terms in oral trials.

- Is aware of the new reforms to apply them to the care and preservation of the environment, working to achieve green companies.

- Acts in a loyal, diligent and transparent manner in the defense of the interests of the people he/she represents.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN LAW
ONLINE EDUCATION

TYPE	COMPETENCIIES	CORE	CURRICULUM AREAS															TICH	TOCH	TC
FOUNDATIONAL	INSTITUTIONAL, DISCIPLINARY, AND COURSE	INSTITUTIONAL	DIGITAL COMPETENCIES	Digital Learning Tools ATI001														0	96	6
			HUMANIST THINKING AND FORMATION	Study Methods for the Development of Thought and Language I IAE001	Study Methods for the Development of Thought and Language II IAE002													0	192	12
				Person and Freedom FHU004	Humanist Formation Elective OFH001													0	192	12
		PROFESSIONAL FOUNDATIONS	FUNDAMENTALS OF LAW		Natural Law DER106	Roman Law DER107	History of Law in Mexico DER108											0	288	18
			GENERAL CONCEPTS			Theory of Law DER109	Theory of State DER110											0	192	12
			LEGAL REASONING			Inductive Reasoning DER111	Legal Argumentation DER112											0	192	12
			LEGAL THINKING				General Theory of Process DER113											0	96	6
DISCIPLINARY		PROFESSIONAL	CIVIL LAW				Persons and Family Rights DER114	Property and Sucession Law DER115	Obligations and Contracts I DER116	Obligations and Contracts II DER117	Civil Procedure I DER118	Civil Procedure II DER119					0	576	36
			CRIMINAL LAW				General Criminal Law DER200	Classificaton of Crimes DER203	Criminal Procedure I DER205	Criminal Procedure II DER208							0	384	24
			CONSTITUTIONAL LAW					Constitutional Law DER209	Administrative Law DER212								0	192	12
			COMMERCIAL LAW						Titles and credit operations DER213	Commercial Societies DER216	Commercial Procedural Law DER217						0	288	18
			LEGAL PRACTICE							Legal Management DER220	Legal Consulting DER222	Oral Trials DER224					0	384	24
			LABOR LAW									Labor Law DER225	Labor Procedural Law DER227				0	224	14
			WRIT OF PROTECTION									Writ of Protection Law I DER230	Writ of Protection Law II DER231				0	224	14
			INTERNATIONAL LAW										Public International Law DER232	Private International Law DER233	Environmental Law DER234		0	288	18
			FISCAL LAW										Fiscal Law DER235	Fiscal Procedural Law DER236			0	224	14
			CORPORATE LAW										Corporate Law DER237	Franchises DER238	Insolvency DER239	Industrial Property DER240	0	384	24
		CAPSTONE	INTEGRATION												Deontology in Law DER300	Selected Topics in Law DER302	0	224	14
			RESEARCH												Research Methods and Techniques IAE400	Pre-Graduation Seminar IAE401	0	224	14
			TOTAL	3	3	3	3	3	3	3	3	3	3	3	3	3	0	4864	304

TC MX	304
TC USA	152

MASTER'S DEGREE IN

TAX LAW

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/1278/ 2015

ACADEMIC PROGRAM PURPOSE

It trains Masters in the practice of tax law to apply the rules and regulations related to the course and the various contributions of individuals and corporations, using the instruments for the defense in the matter and the relationship of the discipline of fiscal law with adjacent areas such as accounting, computer science and economics, in order to provide society with advice and tax defense before the competent authorities of the Judiciary and thus impact on the consolidation of the rule of law in Mexico.

ENTRY PROFILE

Knowledge
- Distinguishes the basic concepts in the discipline of tax law.
- Identifies the elements of tax defense.

- Distinguishes the basic taxes applied at federal, local and municipal levels in Mexico.

Abilities and/or skills

- Formulates practical solutions to problems related to the discipline of tax law.
- Communicates in English at a basic level.
- Works as part of a team.

- Develops interdisciplinary studies for the solution of problems related to the discipline of tax law.
- Interprets documentation written with tax terminology.
- Uses basic accounting tools.

Attitudes and/or values
- Promotes a humanistic vision of the person.
- Promotes justice in the exercise of their profession.
- Acts according to values in their professional life.
- Participates in problem solving.

Habits
- Reading habits.
- Analytical and mathematical thinking.
- Performs his activities with diligence and vocation of service.
- Habit of reflection and criticism in the analysis of ideas.

THE GRADUATION PROFILE FOR THE MASTER IN TAX LAW

- It proposes solutions to specific problems of tax law, using the technical tools and methodologies of legal research.

- It promotes a more expeditious delivery of justice, using computer defense platforms in fiscal matters.

- It advises companies, developing analysis of perspectives and fiscal scenarios for them, which allow them to promote their efficiency and social contribution in society.

- It proposes mechanisms for the optimization of taxes, oriented to the welfare of the less advantaged in society.

- It conducts comparative research on the impact of fiscal matters on macroeconomic competitiveness and social welfare, applying methodologies that include accounting, financial and economic tools.

- It proposes various solutions to the socio-political problems of the moment, using the latest trends in the study of tax law.

- It promotes the value of the dignity of the human being, as well as the fundamental human rights of the individual, in order to contribute to the strengthening of the rule of law in Mexico.

- It makes decisions that allow it to design arguments and elements in tax law, using mathematical, accounting and financial tools.

PROGRAM CURRICULAR LINES

The program has a number of 12 courses that can be taken in a flexible curriculum in 4 school periods.

Given the flexible nature and the large number of electives, the study focuses both on the study of law, as well as on the fiscal accounting field with some aspects relating to the economy.

It is composed of:

Theoretical Training (basic vocational curriculum)

Disciplinary Training (professional core and elective core)

Research courses (terminal curricular lines)

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS										
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	INSTITUTIONAL (MANDATORY)	TAX LAW	Mexican Tax Law DER565	Value-Added Tax DER566	Income tax DER567						9	21
			LEGAL SPECIALIZATION	Selected Topics in Law DER560								3	7
			HUMAN DEVELOPMENT	Leadership and Service Mission HUM560								3	7
FOUNDATIONAL AND SPECIALIZED		PROFESSIONAL	LEGAL SPECIALIZATION (Minimum 1)	Elective Course in Legal Specialization									
			TAX LAW										
			ECONOMICS AND LAW										
			SOCIAL SCIENCES		Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	Complementary Elective Course		21	46
			DECISION-MAKING METHODOLOGY										
		CAPSTONE	REFRESHER AND INTEGRATION SEMINARS										
			RESEARCH										
			TOTAL									**36**	**81**

TC MX 81
TC USA 41

MASTER'S DEGREE IN

POLITICAL SCIENCE AND PUBLIC MANAGEMENT

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: 20193781

ACADEMIC PROGRAM PURPOSE

It trains Masters in Political Science and Public Management with an ethical and humanistic vision that analyzes political phenomena and identifies the scope of politics in its real and integrating expression, and the relationship and interrelation of political phenomena in its different areas of study, strategically analyzing the social, cultural and political environment of institutions, as well as the evaluation of their behavior, to design political strategies and mechanisms that allow them to manage local, regional, national and international political projects.

ENTRY PROFILE

Knowledge

- Identifies basic concepts of political science.

- Distinguishes the basic elements of economics.

- Analyzes information related to political-electoral phenomena.

- Recognizes mathematical methods of analysis.

- Analyzes critically, creatively and reflexively the political reality.

Abilities and/or skills

- Speaks English at an intermediate level.

- Writes scientific texts and divulgation articles.

- Uses self-learning techniques.

- Uses basic concepts of political science.

Attitudes and/or values

- Shows willingness to work collaboratively.

- Values the importance of ethical and human fundamentals in decision making.

- Is aware of the importance of solving political problems.

- Is responsible with the socio-political environment.

THE GRADUATION PROFILE FOR THE MASTER IN POLITICAL SCIENCE AND PUBLIC MANAGEMENT

- Employs methodologies of science and/or political management, to develop policies that positively impact the living conditions of the less advantaged in society.

- Exposes ideas and criteria of political leadership, to promote reflection and collaborative work, observing the socio-political reality from Political Science, Public Management or International Politics.

- Proposes viable and socially relevant alternative solutions to public problems that affect society.

- Manages local, regional, national and international political projects, making use of research and ethics with social relevance.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

MASTER'S DEGREE IN POLITICAL SCIENCE AND PUBLIC MANAGEMENT
GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS							TICH	TOCH	TC
INSTRUMENTAL	INSTITUTIONAL, PROFESSIONAL, AND COURSE	INSTITUTIONAL	**LEADERSHIP**	Transformational Leadership AYH601						3	3	6
		PROFESSIONAL	**POLITICAL THEORY**	Advanced Political Science POL601	Public Management Methods POL602					6	6	12
			INTERNATIONAL POLICY			Refresher Seminar POL612	Internationalization of Local Governments POL603			6	6	12
FOUNDATIONAL AND SPECIALIZED		ELECTIVE	**POLITICAL SCIENCE**			Local and Global Governance POL604	Analysis and Comparison of Political Systems POL605	Electoral and Party Systems POL606	Current Theories and Trends in Democracy POL607	12	12	24
			GOVERNMENT AND PUBLIC MANAGEMENT			Public Management Tools POL608	Planning, Projects, and Public Programs POL609	Sectoral Public Policy POL610	Local Public Policy POL611			
		CAPSTONE	**INTEGRATION**		Integration Seminar POL613					3	4	7
			THESIS					Master's Thesis I POL614	Master's Thesis II POL615	6	8	14
			TOTAL	2	2	2	2	2	2	36	39	75

TC MX	75
TC USA	38

MASTER'S DEGREE IN

APPLIED ECONOMICS

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/01/1706/2017

ACADEMIC PROGRAM PURPOSE

It trains Masters in Applied Economics with an ethical and human sense to explain and predict behaviors of the economy as a whole, using economic theory and its tools to propose solutions for welfare and public and business policy.

ENTRY PROFILE

Knowledge

- Identifies economic and social theories and problems.

- Analyzes scientific texts in Spanish and English.

- Interprets statistical and mathematical data.

Abilities and/or skills

- Applies logical and mathematical reasoning to solve economic problems.

- Develops research.

- Performs search, processing and analysis of information from diverse sources.

Attitudes and/or values

- Is interested in current economic problems with quantitative/applied approach.

- Is responsible and congruent.

- Is sensitive to social problems.

Habits

- Reading.

- Reflection.

THE GRADUATION PROFILE FOR THE MASTER IN APPLIED ECONOMICS

- Develop in depth the fundamental concepts and methods of economic theory for the resolution of economic problems that society faces in the political, social, environmental and business spheres.

- Propose optimal solutions to current and future economic problems, in accordance with the qualitative and quantitative data extracted with the help of econometric models, data science and simulators in multidisciplinary work teams with humanistic, ethical, social and scientific congruence.

- Communicate fluently in oral and written form in a multidisciplinary work environment both in a national and international context, respecting other ways of thinking in the economic field.

- Issue advisory reports on specific economic situations (local, regional, national or international) or economic sectors and companies.

- Estimated model.

- Data analyses.

PROGRAM CURRICULAR LINES

The programme has a number of 15 courses that can be taken in a flexible curriculum in 6 school periods.

It is composed of:

General Education (institutional core): General Courses, which consist of we have theoretical training in economics, quantitative methods, humanist formation, research seminar, integration, two terminals, welfare and public policy, commendation and business policy.

Disciplinary training (professional core and elective core)

Research courses (terminal curricular lines).

We have propaedeutic courses, with microeconomics, macroeconomics and quantitative methods.

Theoretical training (basic professional core).

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS						TH	TC
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	INSTITUTIONAL	HUMAN DEVELOPMENT			Leadership and Service Mission HUM560			3	7
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	INSTITUTIONAL	QUANTITAVE METHODS	Econometric Analysis ECO601	Time Series ECO604 / Multivariate Analysis and Panel Data ECO605				9	12
FOUNDATIONAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	PROFESSIONAL FOUNDATIONS	ECONOMIC THEORY	Microeconomic Analysis I ECO602 / Macroeconomic Analysis ECO603	Microeconomic Analysis II ECO606				9	12
SPECIALIZED	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	PROFESSIONAL	WELL-BEING AND PUBLIC POLICY			Elective Course	Elective Course			
SPECIALIZED	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	PROFESSIONAL	ECONOMICS AND BUSINESS POLICY			Elective Course			15	30
SPECIALIZED	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	PROFESSIONAL	FINANCIAL ECONOMICS			Elective Course	Elective Course			
SPECIALIZED	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	CAPSTONE	INTEGRATION				Topics in Economics ECO608		3	6
SPECIALIZED	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	CAPSTONE	RESEARCH			Research in Applied Economics I ECO607		Research in Applied Economics II ECO609	2	8
TOTAL				3	4	1	3	3	1	41	**75**

MASTER'S DEGREE IN

CRIMINAL LAW

MODALITY: Grounded education

CAMPUS: TEHUACÁN

RVOE: 20193787

ACADEMIC PROGRAM PURPOSE

To train Masters in Criminal Law with an ethical and humanistic approach that respond to the modalities of the penal system in the current legal institutions, through the application of legislation, doctrine and jurisprudence in criminal matters, Human Rights and auxiliary sciences oriented to crime prevention, for the protection of legal assets, justice delivery and equity in the procurement of social coexistence.

ENTRY PROFILE

Knowledge

- Recognizes the general principles of law and the national legal system.

- Distinguishes the social, political and economic phenomena related to Criminal Law.

- Analyzes the principles that govern Human Rights.

- Links the content of the National Criminal Code with other legal systems.

- Identifies the theories of crime.

Abilities and/or skills

- Interprets the general principles of Criminal Law.

- Proposes the search for information within the scope of Criminal Law.

- Applies the norms and laws of the Legal System, to certain situations of the context.

- Solves concrete cases considering the Penal Code and Human Rights.

- Demonstrates skills in legal argumentation, expressing themselves with fluent and technical language.

Attitudes and/or values

- Shows openness to dialogue.

- Values the importance of maintaining a permanent training in Criminal Law issues.

- Shows interest in social justice, putting the principles of Criminal Law first.

Habits

- Acts with critical awareness in the Criminal Justice System.

- Reacts with professional ethics in a given situation.

THE GRADUATION PROFILE FOR THE MASTER IN CRIMINAL LAW

- Shows argumentative skills for oral or written defense in certain situations of Criminal Law.

- Applies legal norms in criminal matters according to their meaning and scope.

- Represents the legal institutions of the region, whether public and/or private, making clear the full recognition of the Penal System and Human Rights.

- Exercises transforming leadership and service attitude in the interpretation of the criminal legal dogmatic and description of the theories of crime.

- Uses the auxiliary sciences of Criminal Law to determine situations of major transgression.

- Integrates the sciences and theories of Criminal Law, to formulate judgments from information that includes reflections on social and ethical responsibilities.

- Implements methods, techniques and strategies of legal research in Criminal Law, for the elaboration of research projects.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

MASTER'S DEGREE IN CRIMINAL LAW (GROUNDED EDUCATION)

CYCLE								
FIRST (TERM)	HUM001 — Mandatory **Leadership and Service Mission** 3 5 5 C	MDP102 — Mandatory **Theory of Penal Regulations** 3 5 5 C				HA	6	
						HI	10	
						CR	10	
SECOND (TERM)	MDP103 — Mandatory **Theory of Penal and Crime Regulations** 3 5 5 C	MDP106 — Mandatory **Theory of Antijuridicity** 3 5 5 C				HA	6	
						HI	10	
						CR	10	
THIRD (TERM)	MDP104 — Mandatory **Theory of Guilt** 3 5 5 C	MDP107 — Mandatory **Theory of Attempt** 3 5 5 C				HA	6	
						HI	10	
						CR	10	
FOURTH (TERM)	MDP105 — Mandatory **Theory of Liability and Participation** 3 5 5 C	MDP203 — Mandatory **Penology** 3 5 5 C				HA	6	
						HI	10	
						CR	10	
FIFTH (TERM)	MDP204 — Mandatory **Human Rights in Criminal Law** 3 5 5 C	MDP205 — Mandatory **Writ of Protection in Legal Matters** 3 5 5 C				HA	6	
						HI	10	
						CR	10	
SIXTH (TERM)	MDP206 — Mandatory **Criminology** 3 5 5 C	INV001 — Mandatory **Research Methodology** 3 5 5 C				HA	6	
						HI	10	
						CR	10	
SEVENTH (TERM)	MDP207 — Mandatory **Criminalistics** 3 5 5 C	MDP208 — Mandatory **Oral Trial and Accusatory Penal Proceeding** 3 5 5 C				HA	6	
						HI	10	
						CR	10	
EIGHTH (TERM)	MDP209 — Mandatory **Laws and Policies for Juvenile Offenders** 3 5 5 C	INV002 — Mandatory **Pre-Graduation Seminar** 3 5 5 C				HA	6	
						HI	10	
						CR	10	

Legend

CODE	PRE-REQUISITES	TYPE OF SUBJECT
COURSE OR LEARNING UNIT'S NAME		
IN CLASS HOURS	CREDITS	FACILITIES

OUT OF CLASS HOURS

AREAS

- Leadership
- Theories of Penal Legal dogmatics
- The Penal System and Human Rights
- Auxiliary Sciences in Criminal Law
- The accusatory system and alternative justice in Mexico
- Research

TOTAL DEL PLAN DE ESTUDIOS

HA	45
HI	78
CR	80

MASTER'S DEGREE IN

CONSTITUTIONAL LAW AND PROTECTION

MODALITY: Grounded education

CAMPUS: TEHUACÁN

RVOE: 20193788

ACADEMIC PROGRAM PURPOSE

It trains Masters in Constitutional Law and Protection with an ethical and humanistic approach that contribute to the solution of legal problems of the individual, through the application of legal procedures such as Human Rights, Federal Powers and Amparo, in the interpretation and execution of legal orders, to ensure legal effectiveness and provide improvement in the application of the norm at the regional level.

ENTRY PROFILE

Knowledge

- Recognizes the general principles of law and the legal system in general.

- Distinguishes human rights and the institutions that protect them.

- Recognizes the values of justice, freedom, legal security, equity, culture of legality and solidarity among social groups and individuals.

- Analyzes philosophical and theoretical foundations of Law with its practical application.

Abilities and/or skills

- Demonstrates argumentative and reasoning skills.

- Applies scientific research criteria in his/her professional activity.

- Actively participates in interdisciplinary teams as an expert in Law contributing effectively to their tasks.

Attitudes and/or values

- Is aware of the effective application of justice, to combat corruption and authoritarianism.

- Values the importance of ethics in the legal profession and social responsibility.

- Shows transformational leadership.

- Demonstrates an entrepreneurial, participative and analytical attitude.

- Promotes a humanistic and integrating vision, valuing the sense of social and ethical responsibility.

- Demonstrates critical awareness in the analysis of the legal system.

Habits

- Reading habits.

- Habit of study.

- Habit towards research.

THE GRADUATION PROFILE FOR THE MASTER IN CONSTITUTIONAL LAW AND PROTECTION

- Applies updated scientific-technical information in their work context.

- Shows argumentative skills for oral or written defense in certain situations.

- Applies legal norms according to their meaning and scope.

- Represents legal institutions in the region, whether public and/or private.

- Exercises transforming leadership and service attitude in the interpretation of the foundations of the theory of knowledge, analysis and description of legal models.

- Uses the philosophical and legal foundations of Human Rights and the Guarantees enshrined in the Political Constitution, to determine the situations of greater transgression.

- Demonstrates the integration of each one of the federal powers, the functions of the organs that constitute them and the competences of these, in the execution of the mechanisms of control of constitutionality.

- Use the legal principles on which the Amparo Trial is based as a means of protection of Human Rights and Individual Guarantees.

- Implements methods, techniques and strategies of legal research in Constitutional Law and Amparo, for the elaboration of research projects.
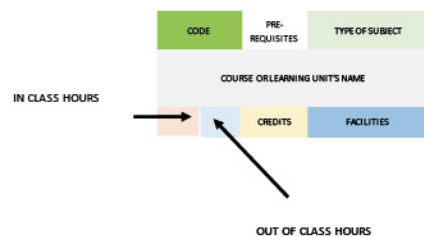
CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

CYCLE						
FIRST (TERM)	HUM001 — Mandatory **Leadership and Service Mission** 3 5 5 C	DCA103 — Mandatory **History of Mexican Constitutional Law** 3 5 5 C				ICH 6 OCH 10 CR 10
SECOND (TERM)	DCA100 — Mandatory **Epistemology of Natural Law** 3 5 5 C	DCA104 — Mandatory **Theory of Human Rights and the National and International Defense System** 3 5 5 C	DCA105 — Mandatory **Constitution Theory and its Application in the Oral Trial System** 3 5 5 C/O			ICH 9 OCH 15 CR 15
THIRD (TERM)	DCA200 — Mandatory **Executive Power** 3 5 5 C	DCA203 — Mandatory **Legislative Branch and its Organs** 3 5 5 C				ICH 6 OCH 10 CR 10
FOURTH (TERM)	DCA204 — Mandatory **Judicial Power and Control of Constitutionality** 3 5 5 C	DCA205 — Mandatory **Procedural Figures in the Amparo Trial** 3 5 5 C				ICH 6 OCH 10 CR 10
FIFTH (TERM)	DCA206 — Mandatory **Inadmissibility, Dismissal, and Expiration** 3 5 5 C	DCA210 — Mandatory **Procedural Figures in the Amparo Trial** 3 5 5 C				ICH 6 OCH 10 CR 10
SIXTH (TERM)	DCA207 — Mandatory **Indirect Amparo** 3 5 5 C	INV001 — Mandatory **Research Methodology** 3 5 5 C				ICH 6 OCH 10 CR 10
SEVENTH (TERM)	DCA208 — Mandatory **Direct Amparo** 3 5 5 C	DCA211 — Mandatory **Teaching Methods of Amparo** 3 5 5 C				ICH 6 OCH 10 CR 10
EIGHTH (TERM)	DCA209 — Mandatory **Sentence and its Compliance in the Amparo Trial** 3 5 5 A	INV002 — Mandatory **Pre-Graduation Seminar** 3 5 5 A				ICH 6 OCH 10 CR 10

Legend

CODE	PRE-REQUISITES	COURSE TYPE
	COURSE OR LEARNING UNIT'S NAME	
	CREDITS	FACILITIES

IN CLASS HOURS

OUT OF CLASS HOURS

AREAS
- LEADERSHIP
- HUMAN RIGHTS AND CONSTITUTION
- FEDERAL POWERS
- AMPARO
- RESEARCH

TOTAL STUDY PLAN HOURS

ICH	0
OCH	85
CR	85

MASTER'S DEGREE IN

POLITICAL SCIENCE

MODALITY: Online education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/01/1024/2013

ACADEMIC PROGRAM PURPOSE

It trains Masters in Political Science specialized in the analysis of political phenomena at the international, federal, local and municipal levels, as well as in the design of policies focused on the improvement of the living conditions of Mexicans and the generation of opportunities for those less advantaged in society; through the understanding, study and comparison of electoral systems, propaganda and political marketing, the party system and electoral law, and in political philosophy, specifically in relation to the history of political philosophy and contemporary theories of democracy; in order to positively impact the political profession at the international, federal, local and municipal levels and promote a humanistic vision of the person, their fundamental rights and obligations to society.

ENTRY PROFILE

Knowledge

- Identifies basic concepts of political science.
- Distinguishes the basic elements of economics.
- Analyzes information related to political-electoral phenomena.
- Identifies mathematical methods of analysis.
- Analyzes critically, creatively and reflexively.

Abilities and/or skills

- Writes, reads and speaks English at an intermediate level.
- Writes scientific texts and popular articles.
- Manages information and communication technologies in virtual environments.
- Uses self-learning techniques.
- Performs collaborative work.

Attitudes and/or values

- Works collaboratively.
- Applies ethical and humane fundamentals in decision making.
- Shows pleasure in working through virtual platforms and media.
- Participates in problem solving.
- Is responsible with the environment.

Habits

- Reading habits.
- Critical and reflective thinking.
- Attachment to analytical and reference reading.

THE GRADUATION PROFILE FOR THE MASTER IN POLITICAL SCIENCE

- Performs feasibility, efficiency and cost-benefit analyses aimed at identifying the relevance for the implementation of local, state or national public policies that positively affect the various target populations.

- Designs public policies focusing on criteria of high efficiency, quality and budgetary care, as well as on a vision of sustainable development that mainly impacts the needs of the least advantaged in society.

- Works as part of a team in order to combine interdisciplinary proposals that are capable of observing the socio-political reality from different perspectives, with the purpose of arriving at proposals and solutions with an integral character.

- Uses the different regulations in electoral matters, both at the local and federal level, from which he/she is capable of analyzing diverse problems in the area of political parties-formation, prerogatives, obligations, operation, auditing, etc. -Elections-electoral systems, voting procedures, suffrage, citizens' rights, stages of an electoral process, etc.

- Distinguishes the characteristics of diverse electoral systems in order to elaborate analyses that allow observing the strengths and weaknesses of the Mexican electoral system, as well as to propose new institutional designs, as well as re-engineering of the same, that allow the country to enjoy a more solid democracy.

- Uses mathematical and econometric tools for decision making, favoring the generation of instruments to measure results, indexes and indicators that maximize the efficiency of the political science instruments generated.

- Designs political campaigns, strategies, platforms and electoral speeches, from the technical tools provided by the various theories of political marketing, social choice and public opinion, promoting at all times campaigns that provide citizens with complete and sufficient information to cast a reasoned vote.

- Analyzes various social problems taking into account the legal framework that regulates the matters or is related to them, in order to promote a culture of legality and rule of law in Mexico.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

MASTER'S DEGREE IN POLITICAL SCIENCE (ONLINE EDUCATION)

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS									TC
INSTRUMENTAL	HUMANIST, DISCIPLINARY, AND PROFESSIONAL COMPETENCIES	INSTITUTIONAL (MANDATORY)	POLITICAL PHILOSOPHY	Contemporary Political Philosophy POL558								7
			PUBLIC ADMINISTRATION	Public Program Design POL559								7
			HUMAN DEVELOPMENT	Leadership and Service Mission HUM560								7
FOUNDATIONAL AND SPECIALIZED		PROFESSIONAL	PUBLIC POLICY (Minimum 1)	Elective Course in Public Policy								
			ELECTIONS AND ELECTORAL SYSTEMS (Minimum 1)	Elective Course in Elections and Electoral Systems								
			ECONOMICS AND FINANCE									
			SOCIAL SCIENCES		Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	Complementary Elective	59
			METHODOLOGY FOR DECISION-MAKING									
			MARKETING									
		CAPSTONE	REFRESHER AND INTEGRATION SEMINARS									
			RESEARCH									
			TOTAL									**80**

TC MX	80
TC USA	40

MASTER'S DEGREE IN

LAW

MODALITY: Online education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/01/1022/2013

ACADEMIC PROGRAM PURPOSE

It trains Masters in Law, through the study of Mexican and Western legal culture, the methodologies of legal argumentation, analysis and research, as well as the relationship of the discipline of law with adjacent areas such as economics, computer science and philosophy, to contribute to the solution of problems in the practice of law, integrating in a holistic and systematic way the skills that will allow them to perform in the labor market with excellence, and contribute positively to the integral development of the legal profession in the country and abroad.

ENTRY PROFILE

Knowledge

- Distinguishes the basic concepts in the discipline of law.

- Analyzes legal systems.

- Distinguishes basic knowledge regarding the professional practice of law.

Abilities and/or skills

- Writes, reads and speaks English at a basic level.

- Formulates practical solutions to problems related to the discipline of law.

- Works in teams.

- Creates interdisciplinary collaborative networks for the solution of problems related to the discipline of law.

- Interprets documentation written with legal terminology.

- Manages information and communication technologies in virtual environments.

Attitudes and/or values

- Promotes a humanistic vision of the person.

- Promotes justice in the exercise of their profession.

- Appeals to the democratic tradition and its values in their professional life.

- Participates in problem solving.

- Shows pleasure in working through virtual platforms and media.

Habits

- Reading habits.

- Performs his activities with diligence and vocation of service.

- Cultivates a critical and reflective habit, analyzing the various ideas presented to him/her.

THE GRADUATION PROFILE FOR THE MASTER IN LAW

- Uses technical tools and research methodologies to generate documents of high technical value from which he analyzes specific problems of social reality and proposes concrete solutions in accordance with the law.

- Generates interdisciplinary collaboration networks in order to generate social analyses that take into consideration the different aspects involved in socio-political and legal problems.

- Develops analyses on the evolution of legal institutions in Mexico and in different countries, based on the concept of legal culture, with the purpose of offering proposals, solutions and ideas that show consonance and harmony with the evolution of the discipline.

- Evaluates different social problems using economic models and theories that, together with legal justifications and foundations, allow the generation of public policies, recommendations, laws, etc., that positively impact the lives of the less advantaged in society.

- Conducts research with the use of specialized legal language, favoring the use of Latin and legal English, in order to provide such work with an advanced linguistic level.

- Uses the latest trends in the study of law, both in Mexico and in the world, to analyze the various socio-political problems of the moment and proposing various options for their solution.

- Promotes the value of the dignity of the human being, as well as the fundamental human rights of the person, in order to contribute to the strengthening of democratic societies.

- Privileges mathematical and econometric tools in decision making, as well as their complementary function in the design of legal arguments and elements, in order to provide his work with a scientific character.

He uses technologies as a tool for continuous learning

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

MASTER'S DEGREE IN LAW
ONLINE EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS									TC
INSTRUMENTAL	HUMANIST, DISCIPLINARY, AND PROFESSIONAL COMPETENCIES	INSTITUTIONAL (MANDATORY)	LEGAL SPECIALIZATION	Legal Argumentation DER552								7
			HUMAN DEVELOPMENT	Leadership and Service Mission HUM560								7
			LEGAL CULTURE	Legal Culture in Mexico DER551								7
FOUNDATIONAL AND SPECIALIZED		PROFESSIONAL	LEGAL SPECIALIZATION (Minimum 1)	Elective Course in Legal Specialization								
			ECONOMICS AND LAW (Minimum 1)	Elective Course in Economics and Law								
			ECONOMICS AND PUBLIC POLICY									
			SOCIAL SCIENCES		Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	59
		CAPSTONE	REFRESHER AND INTEGRATION SEMINARS									
			RESEARCH									
			TOTAL									**80**

TC MX	80
TC USA	40

MASTER'S DEGREE IN

CHRISTIAN SOCIAL LEADERSHIP

MODALITY: Online education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/2663/2019

ACADEMIC PROGRAM PURPOSE

It trains responsible and committed Masters in Christian Social Leadership who lead and manage social changes in favor of the common good, analyzing and judging in the light of the Social Doctrine of the Church the problems, realities and contemporary social emergencies of Latin America in order to propose action projects for the integral development of the human person.

ENTRY PROFILE

Knowledge

- Reflects critically on human beings, their basic needs, their welfare and their ultimate purpose.

- Identifies the most relevant social problems in Latin America.

- Recognizes the value processes required to determine the common good.

Abilities and/or skills

- Observes the complexity of the social reality of their environment.

- Subsidiarily assists people in their individual and social problems to the extent of their possibilities.

- Seeks service in the Christian humanistic perspective.

Attitudes and/or values

- Is interested in a permanent integral formation.

- Concerned about the welfare of people.

- Values the greatness of human dignity.

THE GRADUATION PROFILE FOR THE MASTER IN CHRISTIAN SOCIAL LEADERSHIP

- Analyzes the social challenges of Latin America from the perspective of the common good.

- Promotes a Christian vision of leadership.

- Anticipates future events and are able to creatively solve challenges.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

MASTER'S DEGREE IN CHRISTIAN SOCIAL LEADERSHIP
ONLINE EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS						TICH	TOCH	TC
FOUNDATIONAL	INSTITUTIONAL, PROFESSIONAL, AND COURSE	PROFESSIONAL FOUNDATIONS	FUNDAMENTALS OF LEADERSHIP	Christian Social Leadership and Innovation LSC100					0	96	6
			THEORY OF KNOWLEDGE	Research Methodologies LSC101					0	96	6
			CHRISTIAN SOCIAL THINKING IN LATIN AMERICA	Introduction to the Study of Social Issues LSC102	Christian Vocation and Intervention Opportunities LSC103				0	192	12
DISCIPLINARY		PROFESSIONAL	CHRISTIAN THEOLOGY		Christology, Pneumatology, and Ecclesiology LSC200		Theology of History and Social Commitment LSC201		0	192	12
			APPLIED CHRISTIAN SOCIAL THINKING				Governing for the Common Good LSC202	Elective OSC001	0	176	11
			TOOLS FOR INTERVENTION			Elective OSC002		Moral, Political, and Economic Judgement LSC207	0	192	12
			CHRISTIAN SOCIOLOGY			The Church's Social Doctrine as a Tradition for Interpreting Social Reality LSC208		Relational Anthropology founded upon Christian Social Thinking LSC209	0	192	12
		CAPSTONE	GRADUATION					Research Seminar LSC400	0	64	4
TOTAL				**3**	**2**	**2**	**2**	**3**	**1**	0	1200	75

TC MX	75
TC USA	38

DOCTORATE DEGREE IN

LAW

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/01/1027/2013

ACADEMIC PROGRAM PURPOSE

It trains Doctors of Law, with broad and deep competence in the study of Mexican and Western legal culture and the methodologies of legal argumentation, analysis and research, as well as the relationship of the discipline of law with adjacent areas such as economics, computer science and philosophy, being capable of legal reasoning and argumentation that allows them to integrate in a holistic and systemic way their skills in the theoretical and investigative field, in accordance with the educational model that characterizes our institution, with the purpose of being able to carry out high quality and high performance research in the main lines of legal studies, as well as to participate with excellence in the different forums of legal research and in a transversal way to incur with innovative capacity in the integral development of the legal profession in the country and abroad.

ENTRY PROFILE

Knowledge

- Interprets the basic concepts in the discipline of law.

- Distinguishes legal systems.

- Identifies the characteristics of the legal culture.

Abilities and/or skills

- Writes, reads and speaks English at an advanced level.

- Writes scientific and technical texts for the development of divulgation and/or scientific articles.

- Builds autonomous learning processes.

- Works collaboratively.

- Uses the scientific method as a tool for research.

Attitudes and/or values

- Promotes a humanistic vision of the person.

- Values law as a discipline committed to the dignity of the individual and the importance of the social dimension of the person.

- Participates in problem solving.

- Is responsible with the environment.

Habits

- Reading habits.

- Cultivates the critical and reflective habit, analyzing the various ideas presented to him and proposing creative and efficient solutions to the problems he encounters.

- Attachment to analytical and consultative reading.

- Search for truth

THE GRADUATION PROFILE FOR THE DOCTOR IN LAW

- It produces specialized scientific articles that generate useful knowledge for legal discipline, making use of advanced methodological tools and specialized languages.

- It generates academic documents and research that reflect on the legal culture in Mexico and the West and the impact they have on the life of societies.

- It promotes the formation of interdisciplinary research groups that allow it to enrich its analysis and research, as well as to propose studies that impact the legal discipline directly and other disciplines, in a transversal way.

- It emphasizes the ideas of the dignity of the person, as well as the inalienable and inalienable rights of human beings, as the framework on which it conducts its research, in order to enrich the democratic culture in Mexico and abroad.

- It evaluates economic, social and technological problems from a legal perspective, presenting law in its research as the backdrop against which human societies are built.

- It evaluates the current problems in order to take elements for the construction of theor ies and general solutions, which allow to increase the legal acquis and academic reflection on various topics.

- It places analysis, studies and research in its discipline within the general area of social sciences, always seeking to contribute to the development of the humanist spirit in Mexico and abroad.

- Raises research questions and proposes answers in line with the latest generation of argumentative tools and research methodologies.

PROGRAM CURRICULAR LINES

The program has a number of 15 Courses that can be taken in a flexible curriculum in 5 school periods, plus one more year to conclude the research project.

Given the flexible nature and the large number of electives, the study focuses on both the study of law, economics and sociology.

It is composed of:

Theoretical Training (basic vocational curriculum):

Legal research techniques, Legal Culture in Mexico, Economic aspects of the law.

Disciplinary Training (professional core and elective core):

Being optional the student decides, there is no specific line.

Research courses (terminal curriculum lines):

There is no such way a terminal line but thesis studies are attended I to IV.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

DOCTORATE DEGREE IN LAW
GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS					TH	TC
INSTRUMENTAL	HUMANIST, DISCIPLINARY, AND PROFESSIONAL COMPETENCIES	INSTITUTIONAL (MANDATORY)	LEGAL SPECIALIZATION	Legal Research Techniques DER553				3	7
			ECONOMICS AND LAW	Economic Aspects of Law DER558				3	7
			LEGAL CULTURE	Legal Culture in Mexico DER551				3	7
			HUMAN DEVELOPMENT	Elective Course in Human Development				3	6
FOUNDATIONAL		PROFESSIONAL	LEGAL SPECIALIZATION						
			SPECIALIZED LANGUAGES						
			COMPUTER TOOLS FOR LAWYERS						
			ECONOMICS AND LAW	Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	12	24
			ECONOMICS AND FINANCE						
			SOCIAL SCIENCES						
SPECIALIZED		CAPSTONE	RESEARCH SEMINARS						
			RESEARCH	Doctoral Protocol TED113	Doctoral Research TED114			6	10
				Doctoral Dissertation I TED101	Doctoral Dissertationl II TED102	Doctoral Dissertation III TED103	Doctoral Dissertation IV TED104	12	40
			TOTAL					**42**	**101**

TC MX	101
TC USA	51

COLLEGE OF
ARTS & HUMANITIES

BACHELOR´S DEGREE

- PSYCHOLOGY
- ADVERTISING, DESIGN AND PRODUCTION
- PSYCHOPEDAGOGY
- GRAPHIC AND DIGITAL DESIGN
- PHILOSOPHY
- HUMANITIES AND CULTURAL MANAGEMENT
- ARCHITECTURE
- PEDAGOGY AND EDUCATIONAL INNOVATION
- EDUCATIONAL AND ORGANIZATIONAL PSYCHOLOGY
- EDUCATIONAL INNOVATION AND ADVISING
- PHILOSOPHY
- SOCIAL WORK

SPECIALTY DEGREE

- DIGITAL TEACHING

MASTER´S DEGREE

- ADVERTISING MANAGEMENT AND PRODUCTION
- WORK AND ORGANIZATIONAL PSYCHOLOGY
- HOUSING

- SUSTAINABLE HABITAT
- DESIGN AND INNOVATION MANAGEMENT
- INNOVATION AND EDUCATIONAL QUALITY
- MASTER'S DEGREE IN PEDAGOGY
- MATHEMATICS EDUCATION
- FAMILY ORIENTATION AND DEVELOPMENT
- HISTORICAL STUDIES
- EDUCATION AND HUMAN DEVELOPMENT
- LEADERSHIP AND EDUCATIONAL MANAGEMENT
- EDUCATION
- WORK AND ORGANIZATIONAL PSYCHOLOGY
- EDUCATIONAL TECHNOLOGY
- EDUCATIONAL TECHNOLOGY
- PEDAGOGY
- PASTORAL INNOVATION
- FAMILY SCIENCES
- EDUCATIVE INNOVATION
- VIRTUAL EDUCATION DESIGN AND MANAGEMENT

DOCTORATE DEGREE

- DOCTORATE DEGREE IN EDUCATION

COLLEGE OF ARTS AND HUMANITIES

BACHELOR'S DEGREE IN

PSYCHOLOGY

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/2080/2017

ACADEMIC PROGRAM PURPOSE

To train Bachelors in Psychology with a critical and humanistic attitude, who explain human behavior from different levels of integration -clinical, social, educational, organizational and neurocognitive-, through historical, systematic, collective and individual analysis of the current reality, to develop with responsibility and social relevance the processes of evaluation, diagnosis, intervention and psychological prevention in the face of the challenges imposed by the psychosocial evolution.

ENTRY PROFILE

Knowledge

- Analyzes basic knowledge about humanities, from the individual and social scope.

- Distinguishes basic research methodology and psychology.

- Identifies study strategies and development of cognitive skills.

- Recognizes human behavior and circumstances.

Abilities and/or skills

- Demonstrates oral and written communication skills.

- Uses information and communication technologies.

- Observational and persuasive skills.

- Applies creative, critical and reflective thinking.

Attitudes and/or values

- Interest in teamwork.

- Attitude of interdisciplinary openness and dialogue.

- Acts with respect for human dignity and values.

- Commitment to the development of the person and the common good.

- Openness to diversity and attitude of respect for it.

Habits

- Openness to continuous learning.

- Uses techniques to learn significantly.

- Critical, logical and creative thinking.

- Proactive reaction to diverse situations.

THE GRADUATION PROFILE FOR THE BACHELOR IN PSYCHOLOGY

- Experiences the biopsychosocial development of the human being from scientific evidence.

- Observe the bases of behavior through psychological methodologies to understand the biopsychosocial phenomena of the discipline.

- Integrates various theories, methods and psychological techniques according to the nature of the task to be solved within the framework of a scientific paradigm.

- Select and apply procedures and psychological instrumentation to interpret and communicate the results derived from their professional role.

- Designs psychological interventions in favor of human well-being, aligned with cutting-edge knowledge, creativity and scientific innovation and available resources.

- Uses the principles of psychoethics in the dilemmas that arise to promote the integral well-being of people and respect for diversity.

PROGRAM CURRICULAR LINES

The program has a number of 68 courses that can be taken in a flexible curriculum in 9 school periods.

General Education: It emphasizes the training of the student under the profile of the UPAEP. It has 3 curricular lines:

a) Humanist Training

b) Entrepreneurship

c) Languages

Professional basic curricular lines: It concentrates elementary courses of the curricular project and they are chosen for their multidisciplinary criteria. It has 7 curricular lines:

a) Teoric Fundaments

b) Vital Cycle

c) Social

d) Neuropsychology

e) Clinic

f) Educational

g) Integration

Professional curricular lines: They show courses of the area that allow students a training of a disciplinary nature. It has 7 curricular lines:

a) Social

b) Neuropsychology

c) Clinic

d) Educational

e) Organizational

f) Applied investigation

g) Integration

Elective curricular lines: It concentrates optional courses, in terms of specialized training in some complementary area of the discipline. It is made up of four curricular lines:

a) Entrepreneurship

b) Disciplinary area

c) Academic systems of social relevance

d) General education

The student will choose two lines of the four existing taking 4 courses, the 2 of each selected line.

Terminal curricular lines: The purpose of this lies in the development of skills for the preparation of students in their completion and graduation phase of the academic program. It is made up of 1 curricular line:

a) Research

The study plan for the Bachelor in Psychology is made up of 401 credits and 68 courses; which the student will take a minimum of 1 and a maximum of 7 courses per cycle, covering a minimum of 6 and a maximum of 56 credits per cycle.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN PSYCHOLOGY
GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS	1	2	3	4	5	6	7	8	9	TICH	TOCH	TC
FOUNDATIONAL	INSTITUTIONAL, PROFESSIONAL, AND COURSE	INSTITUTIONAL	HUMANIST FORMATION	Person and Truth FHU006	Person and Freedom FHU007	Person, Family, and Society FHU008	Person and Contemporary Culture FHU010	Person and the Mexican Identity FHU011	Person and Transcendence FHU009				288	288	36
			ENTREPRENEURSHIP							Entrepreneurship EMP026			72	40	7
			LANGUAGES	Advanced English I ING115	Advanced English II ING116	Global Perspective ING117							216	264	30
		PROFESSIONAL FOUNDATIONS	THEORETICAL FOUNDATION	History of Psychology PSI131 / Theories of Personality PSI132	Psychoanalytic Approaches PSI133	Humanistic Approaches PSI134	Cognitive and Behavioral Approaches PSI135	Systemic Approaches PSI136					288	160	28
			LIFE CYCLE		Child and Adolescent Development Workshop PSI137	Adult Development Workshop PSI138							144	48	12
			SOCIAL	Social Psychology PSI139	Fundamentals of Ethnopsychology PSI140	Contemporary Social Psychology PSI141							144	48	12
			NEUROPSYCHOLOGY	Psychological Processes PSI142	Biological Basis of Human Behavior PSI143								120	40	10
			CLINICAL			Adult Psychopathology PSI144	Child and Adolescent Psychopathology PSI145						96	64	10
			EDUCATIONAL		Learning Theories in Psychology PSI146	Educational Psychology PSI147							96	32	8
			INTEGRATION	Group Dynamics PSI148	Individual and Group Behavior PSI149	Basic Methods for the Analysis of Human Behavior PSI150							120	72	12
		PROFESSIONAL	SOCIAL						Contemporary Community Models PSI242	Psychosocial Factors in the Workplace PSI243 / Psychosocial Design and Intervention PSI244			168	104	17
			NEUROPSYCHOLOGY				Child and Adolescent Neuropsychology PSI245	Adult Neuropsychology PSI246	Neuropsychological Assessment PSI247	Neuropsychological Intervention PSI248			192	160	22
			CLINICAL					Clinical Assessment PSI249	Interview and Clinical Diagnosis PSI250 / Psychopharmacology and Addictions PSI251	Family and Group Intervention Models PSI252	Clinical Intervention PSI253 / Hospital Intervention and Thanatology PSI254		312	184	31
			EDUCATIONAL				Educational and Social Inclusion LPS002	Vocational Counseling and Tutoring PSI255	Educational Counseling Intervention PSI256				168	88	16
			ORGANIZATIONAL				Organizational Psychology PSI257	Interview, Recruitment, and Selection PSI258	Talent Assessment PSI259	Intercultural Talent Management PSI260	Consulting CEI210	Organizational Intervention PSI261	360	200	35

BACHELOR'S DEGREE IN
ADVERTISING DESIGN AND PRODUCTION

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/899/2012

ACADEMIC PROGRAM PURPOSE

It trains Bachelors in Advertising Design and Production who, through the knowledge, techniques, media and new technologies of communication, marketing and advertising, provide solutions to communication problems for the productive sector, through advertising campaigns; the social sector, through the development of social campaigns that help change habits and customs that are harmful to our country and the world; and the governmental sector, by publicizing government programs and achievements, respecting the moral values of the society in which they are immersed.

ENTRY PROFILE

Knowledge

- Knows the different artistic and cultural manifestations in local, regional, national and international contexts.

- Has notions about the concepts of design and advertising communication.

- Possesses basic knowledge of information and communication technologies.

Abilities and/or skills

- Is aware of and sensitive to different artistic and cultural manifestations in local, regional, national and international contexts.

- Identifies and solves problems through critical analysis, choosing alternatives and courses of action, based on research.

- Express ideas and concepts creatively through different means and forms.

- Synthesizes and interprets information.

- Recognizes the value of dialogue as a tool to solve conflicts.

Attitudes and/or values

- Is interested in and has a disposition for information and communication technologies.

- Considers other points of view as possibilities of personal enrichment for the benefit of the social construct.

- Takes the initiative for the development of team projects.

- Defends the identity values of their own culture.

- Values other points of view as possibilities of personal enrichment for the benefit of the social construct, committing

himself/herself and his/her environment.

- Values the different artistic and cultural manifestations in local, regional, national and international contexts.
- Values the concepts of design and advertising communication.
- Is an ethical, responsible and respectful person.

Habits

- Habit of study.
- Habit of time organization.

THE GRADUATION PROFILE FOR THE BACHELOR IN ADVERISING DESIGN AND PRODUCTION

- Master theories and models of communication as the argumentative basis of the discourse of advertising communication.

- Recognizes the aesthetics and composition of the different theories and artistic currents in their different manifestations (plastic, literary, musical, etc). for the development of your advertising projects.

- Master a second language aware that globalization and interculturalization permanently influence professional practice and advertising discourse.

- Links with society, productive sector organizations and

public, private and / or governmental institutions, identifying needs, opportunities and / or communication or perception problems that arise between them and their audiences.

- Identify the advertising communication needs of a client from the analysis and diagnosis of the needs of its clients.

- Develops advertising communication strategies based on strategic documents of the client and the agency.

- Designs creative and functional advertising communication concepts based on the ethical and moral values of the society in which it is immersed to contribute to the marketing objectives set.

- Prepares media plans tailored to the client (strategic and economic) to meet the business objectives set out in the advertising strategy.

- Makes use of information and communication technologies for the production of advertisements and advertising campaigns.

PROGRAM CURRICULAR LINES

The program has a number of 62 courses that can be taken in a flexible curriculum in 10 school periods.

It trains professionals in Advertising Design and Production who, through the knowledge, techniques, media and

new technologies of communication, marketing and advertising, provide solutions to communication problems for the productive sectors, through advertising campaigns; social, from the development of social campaigns that help to change habits and customs that are harmful to our country and the world; and governmental, by publicizing programs and achievements of governments, respecting the moral values of the society in which they are immersed.

General Education. It emphasizes the training of the student under the profile of the UPAEP. It has 4 curricular lines:

a) Humanist Training

b) Entrepreneurship

c) Languages

d) Academic computing

Professional basic curricular lines. It concentrates elementary courses of the curricular project and they are chosen for their multidisciplinary criteria. It has 5 curricular lines:

a) Fundamentals of advertising design

b) Advertising design and communication

c) Artistic expression

d) Marketing Fundamentals

e) Mathematics for Social Studies

Professional curricular lines. They show courses of the area that allow students a training of a disciplinary nature. It has 5 curricular lines:

a) Advertising creativity

b) Customer service

c) Advertising production

d) Marketing strategy

e) Artistic appreciation

Elective curricular lines. It concentrates optional courses, in terms of specialized training in some complementary area of the discipline. It is made up of four curricular lines:

a) Audio advertising production

b) Video advertising production

c) Image advertising production

d) Web advertising production

The student will choose two lines of the four existing taking 4 courses, the 2 of each selected line.

Terminal Curricular lines: The purpose of this lies in the development of skills for the preparation of students in their completion and graduation phase of the academic program. It is made up of 1 curricular line:

a) Research

The study plan for the Bachelor in Advertising Design and Production is made up of 390 credits and 62 courses; which the student will take a minimum of 1 and a maximum of 7 courses per cycle, covering a minimum of 6 and a maximum of 80 credits per cycle.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN ADVERTISING DESIGN AND PRODUCTION
GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS										TH	TC
INSTRUMENTAL	GENERIC FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL COMPETENCIES	INSTITUTIONAL	COMPUTING	Digital Tools and Community COM013									4	8
			HUMANIST THINKING AND FORMATION	Fundamentals of Critical and Humanist Thinking FIL016	Structural Fundamentals of Critical Thinking LPC001	Academic Writing LPC002							9	18
				Person and Humanist Culture FHUOO4	Ethics and Social Responsibility FHU005	Humanist Formation Elective OFH001							11	22
			LANGUAGE AND CULTURE	Language and Culture Elective 1 OPI001	Language and Culture Elective 2 OPI002	Language and Culture Elective 3 OPI003	Language and Culture Elective 4 OPI004						20	40
FOUNDATIONAL		PROFESSIONAL FOUNDATIONS	FUNDAMENTALS OF ADVERTISING DESIGN		Writing for Advertising DPP110	Typography and Text Design DPP111							8	12
				Digital Advertising Art DPP112	Digital Advertising Composition DPP105								8	10
				Fundamentals of Art Direction DPP106									4	5
			ADVERTISING DESIGN AND COMMUNICATION	Introduction to Advertising Design and Production DPP107	History of Advertising DPP108								6	10
				Comunication and Society LCC022	Sensation and Perception PSI015								6	11
					Creative Thinking PSI011		Creative Concept DPP109						6	11
			ARTISTIC EXPRESSION			Latin American Literature HUM006	Contemporary Art HUM007	Liberal Arts Elective OALOO1					9	18
			FUNDAMENTALS OF MARKETING			Marketing MER100	Consumer Behavior MER101						6	12
			MATHEMATICS FOR SOCIAL SCIENCES				Statistical Methods MSH006						4	8
SPECIALIZED		PROFESIONAL	ADVERTISING CREATIVITY			Text Editing DPP217	Advertising Editing DPP218	Advertising Script DPP219					9	15
						Advertising Design Method DPP220	Semiotics DPP221		Rhetoric DGD001		Advertising Graphic Design DGD002	13	22
									Art Direction DPP222	Creative Direction DPP223			8	12
			CUSTOMER SERVICE			Public Relations DPP224	Executive Summary DPP225					Advertising Laws DER023	10	18
						Digital Advertising Animation DPP233	Advertising Web Elements DPP226	Advertising Web Design DPP227					12	15
			ADVERTISING PRODUCTION						Digital Advertising Audio DPP234				5	6
									Digital Advertising Image DPP235	Digital Advertising Video DPP236			10	12
			ENTREPRENEURSHIP							Entrepreneurial Model EMP001	Entrepreneurship Elective OEM001		7	13
										Marketing Strategies MER204			3	6
			MARKETING STRATEGY						Media Planning DPP228	Advertising and Strategy in Traditional Media DPP229			6	10
										Advertising and Strategy in Alternative Media DPP230	Promotional Advertising and Strategy DPP231	New Advertising Trends DPP232	9	16
			ARTISTIC APPRECIATION							Introduction to Cultural Music HUM109		Film Analysis CPA206	6	12
		ELECTIVE	AUDIO ADVERTISING PRODUCTION								Audio Advertising Creativity DPP302	Design and Production of Audio Advertising DPP303			
			VIDEO ADVERTISING PRODUCTION								Video Advertising Creativity DPP304	Design and Production of Video Advertising DPP305		8	10
			IMAGE ADVERTISING PRODUCTION								Image Advertising Creativity DPP306	Design and Production of Image Advertising DPP307			
			WEB ADVERTISING PRODUCTION								Web Advertising Creativity DPP308	Design and Production of Web Advertising DPP309			
		CAPSTONE	INTEGRATION									Advertising Design and Production Seminar DPP407		5	10
											Advertising Ethics DPP408	Campaign Evaluation DPP409		7	12
			RESEARCH						Market Research MER001		Pre-Graduation Seminar DPP410	Graduation and Portfolio DPP411		8	16
TOTAL				7	8	7	7	7	8	7	7	6	227	390

TC MX 390
TC USA 195

BACHELOR'S DEGREE IN

PSYCHOPEDAGOGY

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/1873/2017

ACADEMIC PROGRAM PURPOSE

It trains Bachelors in Psychopedagogy with a comprehensive humanistic approach to meet personal and social needs in the educational, family and institutional environments, through the performance of tasks involved in research, inclusion, evaluation, intervention, tutoring and consulting, based on an anthropological, pedagogical and psychological approach, to perform professionally in schools, institutions and companies to respond to the needs of the context with a critical, ethical and committed attitude that contribute to social transformation, in search of the integral development of people and the common good.

ENTRY PROFILE

Knowledge

- Distinguishes basic elements of the English language.

- Recognizes the educational difficulties that are presented in the national and international environments.

- Interprets general knowledge of human development.

Abilities and/or skills

- Demonstrates oral and written communication skills (writing and spelling rules).

- Master basic computer programs.

- Proposes solutions to difficulties.

- Analyzes, synthesizes and reflects on information.

- Works as part of a team.

Attitudes and/or values

- Is concerned about generating different learning.

- Accepts individual differences and social and cultural diversity.

- Is interested in personal improvement.

- Is inclined to honesty, commitment and spirit of service.

- Respects the human person and universal values.

Habits

- Habit of time organization.

- Habit of observation and appreciation of reality.

- Habit of self-regulating their academic activities.

THE GRADUATION PROFILE FOR THE BACHELOR IN PSYCHOPEDAGOGY

- Designs didactic proposals that improve training intentions in the various fields of education.

- Carry out psychopedagogical evaluations and interventions that promote personal and social development.

- Works in multidisciplinary teams for psycho-pedagogical counseling in favor of the person and social groups.

- Promotes the integral development of the Person and the Family through educational guidance.

- Proposes strategies for the inclusion of people with special needs in the school, business, family and social spheres.

- Participate in psycho-pedagogical projects adapted to social needs to promote integration.

PROGRAM CURRICULAR LINES

The program has a number of 52 courses that can be taken in a flexible curriculum in 8 school periods.

General Education. It emphasizes the training of the student under the profile of the UPAEP. It has 3 curricular lines:

a) Humanist Training

b) Entrepreneurship

c) Languages

Professional basic curricular lines. It concentrates elementary courses of the curricular project and they are chosen for their multidisciplinary criteria. It has 6 curricular lines:

a) History

b) Politics

c) Philosophy

d) Psychology

e) Didactics

f) Pedagogy.

Professional curricular lines. They show courses of the area that allow students a training of a disciplinary nature. It has 5 curricular lines:

a) Psychopedagogical counseling

b) Neurosciences

c) Psychopedagogical evaluation and intervention

d) Psychopedagogical counseling

e) Entrepreneurship and family counseling

Elective curricular lines. It concentrates optional courses, in terms of specialized training in some complementary area of the discipline. It is made up of four curricular lines:

a) Entrepreneurship

b) Disciplinary area

c) Academic systems of social relevance

d) General education

The student will choose two lines of the four existing taking 4 courses, the 2 of each selected line.

Terminal Curricular lines: The purpose of this lies in the development of skills for the preparation of students in their completion and graduation phase of the academic program. It is made up of 2 curricular line:

a) Research

b) Integration

The study plan for the Bachelor in Psychopedagogy is made up of 377 credits and 52 courses; which the student will take a minimum of 1 and a maximum of 7 courses per cycle, covering a minimum of 6 and a maximum of 56 credits per cycle.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS								TH	TC
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	INSTITUTIONAL	MATHEMATICS	Mathematical Reasoning MAT100							4.5	8
			HUMANIST FORMATION	Person and Truth FHU006	Person and Freedom FHU007	Person, Family, and Society FHU008	Person and Contemporary Culture FHU010	Person and the Mexican Identity FHU011	Person and Transcendence FHU009		18	36
			LANGUAGES	Advanced English I ING115	Advanced English II ING116	Global Perspective ING117					13.5	30
FOUNDATIONAL		PROFESSIONAL FOUNDATIONS	HISTORY	General Pedagogy PIE100	History of Education PIE101						9	16
			POLITICS	Mexican Education System PIE102	Education Policy PIE103						9	16
			PHILOSOPHY	Anthropology of Education FIL025	Social Dimension of Education PIE104	Philosophy of Education FIL026	Epistemology of Education FIL027				12	24
			PSYCHOLOGY	General Psychology PSI018	Developmental Psychology I PSI019	Developmental Psychology II PSI020	Psychology and Education PIE105				18	32
			DIDACTICS			Didactic Processes PIE106	Didactic Resources PIE107				9	16
			TEACHING		Teaching Skills and Tutoring PIE108	Socioemotional Processes in Learning PIE109	Fundamentals of Orientation PIE110				12	22
SPECIALIZED		PROFESSIONAL	PSYCHOPEDAGOGICAL COUNSELING				Educational and Professional Counseling LPS214	Workplace Psychopedagogy LPS215 / Human Development LPS216	Workplace Inclusion LPS217		13.5	26
			NEUROSCIENCES				Neuropsychology PSI021		Psychometrics PSI022		7.5	14
			PSYCHOPEDAGOGICAL ASSESSMENT AND INTERVENTION				Assessment and Intervention in Educational Centers LPS218	Assessment and Intervention I LPS219	Assessment and Intervention II LPS220	Assessment and Intervention III LPS221	18	32
			PSYCHOPEDAGOGICAL ADVISING					Psychopedagogical Advising LPS222		Curriculum Adaptation LPS223 / Psychopedagogical Counseling LPS224	12	22
			ENTREPRENEURSHIP					Entrepreneurial Models EMP017	Entrepreneurship Elective OEM006		7.5	13
			FAMILY ORIENTATION				Affectivity and Sexuality LPS225	Family Intervention I LPS226	Family Intervention II LPS227	Family Inclusion LPS228	12	24
		CAPSTONE	INTEGRATION				Technology Based Models LPS404			Ethical Dimension of Education PIE400	7.5	14
			RESEARCH				Descriptive Statistics MAT200	Qualitative Research LPS405	Research Projects I LPS406	Research Projects II LPS407	18	32
			TOTAL	7	7	6	5	7	7	7	6	201	377

TC MX	377
TC USA	189

BACHELOR'S DEGREE IN
GRAPHIC AND DIGITAL DESIGN

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/888/2012

ACADEMIC PROGRAM PURPOSE

The Bachelor's degree in graphic and digital design trains graduates competent in the solution of communication problems, with skills linked to the development of visual-persuasive discourses, who value as premises of design to convince and persuade, to prove and agree; through the analysis, management and coordination of design processes and the use of digital technologies both present and future, to organize and direct integral graphic communication projects, emphasizing in the digital and multimedia fields and maintaining the essential fundamentals of the design process for the solution of projects oriented to contemporary traditional graphics, developing professional skills that allow them to be linked to commercial, social, business, government and social assistance environments.

ENTRY PROFILE

Knowledge

- Linked to information technologies (TIC'S and TAC'S) at basic and/or fundamental levels.

- Basic drawing and means of expression.

- Language and writing, as well as grammar.

- Basic art history.

- Basics of English language 450 to 500 Toefl point.

Abilities and/or skills

- Observation, synthesis and logical thinking skills to process visual information.

- Organizational and hierarchical skills.

- Practice of activities related to graphic communication.

- Observation, synthesis and logical thinking skills to process visual information.

- Adequate expressive skills in oral and written form.

- Capacity and ability for two- and three-dimensional representation.

Attitudes and/or values

- Visualize technology as a changing and appropriable resource and not as an end in itself.

- To be critical and self-critical with a disposition for reading, research and self-information.

- Capacity for creative development and teamwork.

- Interest in cultural manifestations.

Habits

- Of reading and personal study.
- Listening and receiving criticism.
- Commitment and responsibility with others.

THE GRADUATION PROFILE FOR THE BACHELOR IN GRAPHIC AND DIGITAL DESIGN

- Analyze the verbal demands of communication.
- Recognizes the processes of visual communication and graphic language related to the design process.
- Coordinate the design process from semiotic, rhetorical and hermeneutical approaches.
- Transmit visual language to express graphic and digital discourses.
- Incorporate specialized design methods to manage complex visual and digital communication projects.
- Communicates and interacts with other disciplines.
- Promote the use of sustainable resources in their designs.
- Commitment to respond to social communication needs through graphic and digital media.
- Analyze new trends and technologies in design.

PROGRAM CURRICULAR LINES

The program has a number of 61 courses that can be taken in a flexible curriculum in 8 school periods.

General Education. It emphasizes the training of the student under the profile of the UPAEP. It has 3 curricular lines:

a) Humanist Training

b) Entrepreneurship

c) Languages

Professional basic curricular lines. It concentrates elementary courses of the curricular project and they are chosen for their multidisciplinary criteria. It has 5 curricular lines:

a) Art

b) Expression means

c) Design Fundaments

d) Significance and graphic persuasion of design

e) Technologic fundaments

Professional curricular lines. They show courses of the area that allow students a training of a disciplinary nature. It has 5 curricular lines:

a) Expression means

b) Technology for Design

c) Design and digital production

d) Significance and graphic persuasion of design

e) Marketing for design

Elective curricular lines. It concentrates optional courses, in terms of specialized training in some complementary area of the discipline. It is made up of four curricular lines:

a) Entrepreneurship

b) Disciplinary area

c) Academic systems of social relevance

d) General education

The student will choose two lines of the four existing taking 4 courses, the 2 of each selected line.

Terminal Curricular lines: The purpose of this lies in the development of skills for the preparation of students in their completion and graduation phase of the academic program. It is made up of 1 curricular line:

a) Research

The study plan for the Bachelor of Graphic and digital Design is made up of 388 credits and 61 courses; which the student will take a minimum of 1 and a maximum of 7 courses per cycle, covering a minimum of 6 and a maximum of 56 credits per cycle.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN GRAPHIC AND DIGITAL DESIGN
GROUNDED EDUCATION

TYPE column (vertical): INSTRUMENTAL · FOUNDATIONAL · SPECIALIZED
COMPETENCIES column (vertical): GENERIC FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL COMPETENCIES
CORE column (vertical): INSTITUTIONAL · PROFESSIONAL FOUNDATIONS · PROFESSIONAL · ELECTIVE · CAPSTONE

CORE	CURRICULUM AREAS	1	2	3	4	5	6	7	8	TH	TC
INSTITUTIONAL	COMPUTING	Digital Tools and Community COM013								4	8
INSTITUTIONAL	HUMANIST THINKING AND FORMATION	Fundamentals of Critical and Humanist Thinking FIL016	Structural Fundamentals of Critical Thinking LPC001		Academic Writing LPC002					9	18
INSTITUTIONAL	HUMANIST THINKING AND FORMATION			Person and Humanist Culture FHU004		Ethics and Social Responsibility FHU005		Humanist Formation Elective OFH001		11	22
INSTITUTIONAL	LANGUAGE AND CULTURE	Language and Culture Elective 1 OPI001	Language and Culture Elective 2 OPI002	Language and Culture Elective 3 OPI003	Language and Culture Elective 4 OPI004					20	40
PROFESSIONAL FOUNDATIONS	ART	Art Theory HUM008	Universal Art History HUM009	Contemporary Art HUM007						9	18
PROFESSIONAL FOUNDATIONS	EXPRESSION RESOURCES	Drawing Resources DGD100	Drawing and Anatomical Proportion DGD101	Painting Techniques DGD102						9	12
PROFESSIONAL FOUNDATIONS	EXPRESSION RESOURCES			Digital Advertising Video DPP236						5	6
PROFESSIONAL FOUNDATIONS	FUNDAMENTALS OF DESIGN		Visual Discourse Analysis I DGD103	Visual Discourse Analysis II DGD104						10	16
PROFESSIONAL FOUNDATIONS	FUNDAMENTALS OF DESIGN	Typographic Fundamentals DGD105	Typographic Strategies DGD106		Fundamentals of Digital Photography DPP009	Photographic Shot Design DPP010				17	25
PROFESSIONAL FOUNDATIONS	MEANING AND GRAPHIC PERSUASSION	Composition Workshop DGD107	Sign Production Workshop DGD108	Design Tools DGD109						12	18
PROFESSIONAL FOUNDATIONS	FUNDAMENTALS OF TECHNOLOGY	Fundamentals of Digital Design DGD110	Digital Edition Design DGD111	Two-Dimensional Motion Graphics DGD112	Three-Dimensional Motion Graphics DGD113					14	22
PROFESSIONAL	EXPRESSION RESOURCES				Digital Drawing DGD200	Digital Illustration DGD201	Digital Art Workshop DGD202			9	15
PROFESSIONAL	DESIGN TECHNOLOGY					Animation Post-production DGD203	Programming I LTI012	Programming II LTI013	Digital Resources Management LTI114	15	23
PROFESSIONAL	DIGITAL DESIGN AND PRODUCTION				Interaction Design and Usability DGD204	Multimedia Resources Design DGD205	Interface Design DGD206	Digital Signs Production I DGD207	Digital Signs Production II DGD208	20	35
PROFESSIONAL	MEANING AND GRAPHIC PERSUASSION				Editorial Products DGD209	Label and Poster Workshop DGD210	Information Design Workshop DGD211	Scenography and Expositions Workshop DGD212	Image and Identity Workshop DGD213	25	35
PROFESSIONAL	MARKETING FOR DESIGN				Marketing MER100	Market Research MER001	Consumer Behavior MER101			9	18
PROFESSIONAL	ENTREPRENEURSHIP						Entrepreneurial Model EMP001	Entrepreneurship Elective OEM001	Entrepreneurship Elective OEM002	10	19
ELECTIVE	EDITORIAL DESIGN						Editorial Design Strategies I DGD300	Editorial Design Strategies II DGD301			
ELECTIVE	REPRESENTATION TECHNIQUES						Mixed Media Illustration Techniques DGD302	Airbrush DGD303			
ELECTIVE	MARKETING						Ethnography and Social Anthropology MER301	Emergent Strategies for Market Research MER302			
ELECTIVE	CREATIVITY						Creative Thinking PSI011	Creativity and Innovation PSI117		8	10
ELECTIVE	ART						Latin American Art of XIX-XX Centuries HUM210	Selected Topics in Art HUM211			
ELECTIVE	SOUND PRODUCTION						Creativity in Audio Advertising DPP302	Design and Production of Audio Advertising DPP303			
ELECTIVE	VIDEO PRODUCTION						Creativity in Video Advertising DPP304	Design and Production of Advertising Video DPP305			
CAPSTONE	INTEGRATION							Integrated Graphic Communications Systems DGD400	Portfolio and Customer Pitching DGD401	6	12
CAPSTONE	RESEARCH						Research Seminar DGD402	Integrated Project Seminar I DGD403	Integrated Project Seminar II DGD404	8	16
	TOTAL	8	8	8	8	7	8	8	6	230	388

TC MX 388
TC USA 194

BACHELOR'S DEGREE IN

PHILOSOPHY

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: 20192096

ACADEMIC PROGRAM PURPOSE

It trains ethical and humanistic Philosophy Bachelors who dialogue with other fields of knowledge, integrating a realistic metaphysics of the person and critical reasoning, to guide philosophical reflection towards a unity of knowledge that generates proposals capable of responding to contemporary challenges.

ENTRY PROFILE

Knowledge

- Has a sufficient command of his/her own language

- Recognizes topics of art, history, science and culture in general.

- Distinguishes and associates ideas to formulate questions.

Abilities and/or skills

- Communicates effectively orally and in writing.

- Possesses dialogic skills.

- Collaborates and works as part of a team.

Attitudes and/or values

- Possesses philosophical inquisitiveness.

- Motivated to formulate deep questions.

- Acts critically.

- Behaves with restlessness and desire to know.

- Respects the diversity of approaches to the same course.

THE GRADUATION PROFILE FOR THE BACHELOR IN PHILOSOPHY

- Reconstructs arguments to evaluate their logical-truthfulness, through a critical analysis of texts and speeches.

- Formulates questions that allow locating and recognizing the origin of a certain situation, both in the philosophical sphere and in areas common to different areas.

- Uses critical dialogue as a model for problem solving and seeking the truth in different contexts.

- Demonstrates commitment to truth, good and beauty in philosophical work.

- Generates academic products of various kinds according to a philosophical methodology capable of dialogue with other disciplines.

- Develops philosophical-formative proposals in different educational fields.

PROGRAM CURRICULAR LINES

The program has a number of 58 courses that can be taken in a flexible curriculum in 8 school periods.

General Education. It emphasizes the training of the student under the profile of the UPAEP. It has 3 curricular lines:

a) Humanist Training

b) Entrepreneurship

c) Languages

Professional basic curricular lines. It concentrates elementary courses of the curricular project and they are chosen for their multidisciplinary criteria. It has 6 curricular lines:

a) Classical languages

b) History of Philosophy

c) Logic

d) Fundamental Philosophy

e) Basic epistemology

f) Academic writing

Professional curricular lines. They show courses of the area that allow students a training of a disciplinary nature. It has 4 curricular lines:

a) Advanced fundamental philosophy

b) Professional skills

c) Advanced epistemology

d) Philosophical problems

Elective curricular lines. It concentrates optional courses, in terms of specialized training in some complementary area of the discipline. It is made up of four curricular lines:

a) Entrepreneurship

b) Disciplinary area

c) Academic systems of social relevance

d) General education

The student will choose two lines of the four existing taking 4 courses, the 2 of each selected line.

Terminal Curricular lines: The purpose of this lies in the development of skills for the preparation of students in their completion and graduation phase of the academic program. It is made up of 1 curricular line:

a) Research

The study plan for the Bachelor in Humanities and Cultural Management is made up of 367 credits and 58 courses; which the student will take a minimum of 1 and a maximum of 8 courses per cycle, covering a minimum of 6 and a maximum of 59 credits per cycle.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN PHILOSOPHY
ONLINE EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS	Courses													TICH	TOCH	TC
FOUNDATIONAL	INSTITUTIONAL, PROFESSIONAL, AND COURSE	INSTITUTIONAL	HUMANIST FORMATION	Person and Freedom FHU003; Study Methods for the Development of Thought and Language I IAE001	Humanist Formation Elective; Study Methods for the Development of Thought and Language II IAE002												0	384	24
		PROFESSIONAL FOUNDATIONS	CLASSICAL LANGUAGES			Greek Language and Literature FIL100	Latin Language and Literature FIL101										0	224	14
			HISTORY OF PHILOSOPHY		History of Philosophy from Presocratics to Plato FIL102	History of Philosophy from Aristotle to Hellenism FIL103											0	224	14
			LOGICAL-EPISTEMOLOGICAL			Fundamentals of Critical and Humanist Thinking FIL104	Mathematical Logic FIL105										0	224	14
			FUNDAMENTAL METAPHYSICS	Introduction to Philosophy FIL106			Philosophy of Nature FIL107	Metaphysics FIL108	Philosophical Anthropology FIL109								0	448	28
DISCIPLINARY		PROFESSIONAL	ADVANCED LOGICAL-EPISTEMOLOGICAL					Argumentation Theory FIL200	Epistemology FIL201								0	224	14
			PHILOSOPHY OF ACTION							Ethics FIL202	Social and Political Philosophy FIL203		Aesthetics FIL204				0	336	21
			ADVANCED METAPHYSICS									Current Issues of the Theory of Knowledge FIL205		Theodicy FIL206			0	224	14
			PHILOSOPHICAL TOPICS			IAE106				Philosophy of Education FIL209		Philosophy of Religion FIL207	Philosophy of History FIL208	Philosophy of Science FIL211	Philosophy of Culture FIL210	Structure and Planning of the Didactic Process IAE106	0	688	43
			HISTORY OF ADVANCED PHILOSOPHY			History of Philosophy from the High Middle Ages FIL212		History of Philosophy from the Scientific Revolution to the Enlightment FIL218	History of Philosophy from Kant to the German Idealism FIL215	History of Post-Hegelian Philosophy FIL216		History of Continental and Analytic Philosophy FIL217		Mexican Philosophy FIL213			0	672	42
			HUMANITIES									History Seminar HUM001	Selected Topics in Art HUM002	Humanities Seminar HUM003			0	336	21
		CAPSTONE	INTEGRATION			Plato Seminar FIL300	Metaphysics Seminar FIL301	Medieval Philosophy Seminar FIL302		Problems of Knowledge Seminar FIL303	Modern Philosophy Seminar FIL304		XIX Century Philosophy Seminar FIL305		Contemporary Philosophy Seminar FIL306		0	784	49
			RESEARCH								Documentary Research Methodology FIL307		Philosophical Research Methodology FIL308				0	224	14
			TOTAL	3	3	3	3	3	3	3	3	3	3	3	2	3	2	2	0	4992	312

TC MX	312
TC USA	156

BACHELOR'S DEGREE IN
HUMANITIES AND CULTURAL MANAGEMENT

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: 20192094

ACADEMIC PROGRAM PURPOSE

It trains Bachelors in Humanities and Cultural Management to manage and promote culture with critical and interdisciplinary knowledge, through the planning, execution and evaluation of cultural projects of social relevance, to contribute to its democratization from a transforming leadership.

ENTRY PROFILE

Knowledge

- Possesses basic notions of history, art, literature and philosophy.

- Relates facts, phenomena and ideas in the fields of history, philosophy, art and culture.

- Distinguishes the relationship between culture and society.

Abilities and/or skills

- Master reading and writing skills.

- Manages information and communication technologies.

- Establishes interpersonal relationships.

Attitudes and/or values

- Shows openness to the creative experience.

- Is interested in the practical development of an artistic discipline.

- Respects cultural and artistic manifestations of other spatial and temporal spheres.

THE GRADUATION PROFILE FOR THE BACHELOR IN HUMANITIES AND CULTURAL MANAGEMENT

- Innovate the ways and means of seeing, evaluating and interpreting one's own cultural tradition and that of others within a framework of respect that promotes intercultural dialogue.

- Prepares strategies for the implementation, dissemination and evaluation of projects in the cultural field with a humanistic vision.

- Designs and evaluates interdisciplinary cultural management projects with a humanistic approach that promotes culture at the service of the common good and peace.

- Consolidate an integral panorama of culture associating knowledge of history, art, letters and philosophy that allows the encounter and the diffusion of the truth.

- Investigate and discursively shape his ideas with solid foundations to take a position with a humanistic vision in the face of the challenges of culture today.

Interacts in a multicultural world with a posture of respect and empathy through which collaborative projects are generated.

PROGRAM CURRICULAR LINES

The program has a number of 52 courses that can be taken in a flexible curriculum in 8 school periods.

General Education. It emphasizes the training of the student under the profile of the UPAEP. It has 3 curricular lines:

a) Humanist Training

b) Entrepreneurship

c) Languages

Professional basic curricular lines. It concentrates elementary courses of the curricular project and they are chosen for their multidisciplinary criteria. It has 4 curricular lines:

a) History and thought

b) Literature

c) Art and history

d) Humanities and local culture

Professional curricular lines. They show courses of the area that allow students a training of a disciplinary nature. It has 5 curricular lines:

a) Philosophical approaches to culture

b) Humanities in the digital age

c) Artistic skills

d) Cultural management

e) Research in the humanities

Elective curricular lines. It concentrates optional courses, in terms of specialized training in some complementary area of the discipline. It is made up of four curricular lines:

a) Entrepreneurship

b) Disciplinary area

c) Academic systems of social relevance

d) General education

The student will choose two lines of the four existing taking 4 courses, the 2 of each selected line.

Terminal Curricular lines: The purpose of this lies in the development of skills for the preparation of students in their completion and graduation phase of the academic program. It is made up of 1 curricular line:

a) Research

The study plan for the Bachelor in Humanities and Cultural Management is made up of 377 credits and 52 courses; which

the student will take a minimum of 1 and a maximum of 8 courses per cycle, covering a minimum of 6 and a maximum of 59 credits per cycle.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN HUMANITIES AND CULTURAL MANAGEMENT

GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS									TICH	TOCH	TC
FOUNDATIONAL	INSTITUTIONAL, PROFESSIONAL, AND COURSE	INSTITUTIONAL	COMPUTING	Digital Tools and Community COM013								72	56	8
			HUMANIST FORMATION	Person and Truth FHU006	Person and Freedom FHU007	Person, Family, and Society FHU008			Person and Transcedence FHU009			192	192	24
			ENTREPRENEURSHIP						Entrepreneurship EMP026			72	40	7
			LANGUAGES	Language Elective 1 OPI009	Language Elective 2 OPI010	Global Perspective ING117						216	264	30
		PROFESSIONAL FOUNDATIONS	HISTORY AND THOUGHT	History of Thought in Ancient Times HGC100	History of Thought in the Middle Ages HGC101	History of Thought in Modern Times HGC102	History of Contemporary Thought HGC103					192	192	24
			LITERATURE	Ancient Literature HGC104	Medieval Literature HGC105	Renaissance and Golden Age Literature HGC106	Enlightenment to the Vanguard Literature HGC107	Literary Theory and Criticism HGC108				240	240	30
			ART AND HISTORY	Ancient Art HGC109	Medieval Art HGC110	Renaissance and Barroque Art HGC111	Eighteenth to Twentieth Century Art HGC112 / Musical Culture HGC114	Current Trends in Art HGC113				288	288	36
			HUMANITIES AND LOCAL CULTURE		Mesoamerican Cultural Studies HGC115	New Spain Cultural Studies HGC116	Latin American Cultural Studies HGC117	Globalization, Multiculturality, and Identity in Mexico HGC118				192	192	24
DISCIPLINARY		PROFESIONAL	PHILOSOPHICAL APPROACHES TO CULTURE					Aesthetics FIL237	The Philosophy of Culture FIL241			96	96	12
			HUMANITIES IN THE DIGITAL ERA						Digital Humanities HGC200	Interactive Software Design for Museums COM015	Information, Documentation, and Resource Centers HGC201	144	144	18
			ARTISTIC SKILLS				Artistic Skill I HGC202	Artistic Skill II HGC203	Artistic Skill III HGC204	Artistic Skill IV HGC205	Art Festivals HGC206	336	272	38
			CULTURAL MANAGEMENT				Current Trends in Management Projects HGC207	Cultural Production, Consumption, and Policies HGC208	Comunication, Marketing and Digital Culture HGC209	Museum Management and Cultural Heritage HGC210	Financing and Marketing of Cultural Enterprises HGC211	240	240	30
			HUMANITIES RESEARCH				Writing Techniques for the Humanities HGC212	Research Methodology in the Humanities HGC213	Descriptive Statistics MAT200			168	152	20
		ELECTIVE	ENTREPRENEURSHIP							Entrepreneurship Elective 1 OEM007	Entrepreneurship Elective 2 OEM008			
			DISCIPLINARY AREA							Selected Topics in Humanities and Cultural Management I HGC300	Selected Topics in Humanities and Cultural Management II HGC301	192	192	24
			ACADEMIC SYSTEMS OF SOCIAL PERTINENCE							Integrative Project of Social Relevance I VAS001	Integrative Project of Social Relevance II VAS002			
			GENERAL EDUCATION							General Education Elective 1 VAS003	General Education Elective 2 VAS004			
		CAPSTONE	RESEARCH							Humanities and Cultural Management Pre-Graduation Seminar I HGC400	Humanities and Cultural Management Pre-Graduation Seminarl II HGC401	96	96	12
			TOTAL	6	6	6	8	7	7	6	6	2736	2656	337

TC MX 337
TC USA 169

Students must choose two elective lines from the four existing lines and study four courses, two for each selected line.

BACHELOR'S DEGREE IN

ARCHITECTURE

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: 20192913

ACADEMIC PROGRAM PURPOSE

It trains Bachelor of Architecture graduates with an ethical and humanistic vision, who provide innovative solutions to the phenomenon of human habitation, proposing architectural projects that integrate the understanding of construction techniques, socio-cultural and historical processes and creative force, to contribute to the improvement of environmental and economic processes, with the person and his environment as the guiding axis.

ENTRY PROFILE

Knowledge

- Identifies basic concepts of technical drawing.

- Recognizes basic concepts of mathematics and physics.

- Distinguishes general concepts of history, art history and fine arts.

Abilities and/or skills

- Presents ability for the perception of three-dimensional spaces.

- Shows capacity for observation, analysis and synthesis.

- Demonstrates disposition for collaborative work.

- Presents communication skills.

Attitudes and/or values

- Appreciates the importance of autonomous learning.

- Shows service vocation and spirit of self-improvement.

- Is concerned about the constant search for information that will help him/her in his/her tasks.

- Shows empathy, creativity.

- Values the importance of honesty, congruence and respect in their academic formation.

THE GRADUATION PROFILE FOR THE BACHELOR IN ARCHITECTURE

- Develops imaginative, creative, innovative and leadership ability in the design process, to formulate action strategies in an architectural or urban project.

- Analyzes the social, cultural, economic, natural and historical and patrimonial context, in which the built environments are sought, to develop relevant architectural proposals for society as a whole.

- Applies technical design processes and the integration of technologies of structures, construction and service systems as a functionally effective set in architectural projects.

- Analyze the commercial, financial and legal conditions, in the field of Architecture, to identify the potential roles of architects in conventional and innovative areas within a national and international context.

- Locate opportunity areas that to apply manual or electronic technique, to communicate solutions to the urban architectural problem.

PROGRAM CURRICULAR LINES

The program has a number of 62 courses that can be taken in a flexible curriculum in 10 school periods.

The structure of the Bachelor degree in Architecture, seeks the incorporation of courses in different curricular liness and curricular lines whose purposes favors the development of institutional, professional and individual competencies from a flexible and integrative approach.

The curricular lines represent the graduation of the courses in the course of the curricular project and are made up of various curricular lines or areas of knowledge.

General Education. It emphasizes the training of the student under the profile of the UPAEP. It has 3 curricular lines:

a) Humanist Training

b) Entrepreneurship

c) Languages

Professional basic curricular lines. It concentrates elementary courses of the curricular project and they are chosen for their multidisciplinary criteria. It has 5 curricular lines:

a) Architectural Design

b) Physics-Mathematics

c) Graphic Communication

d) History

e) Theory

Professional curricular lines. They show courses of the area that allow students a training of a disciplinary nature. It has 9 curricular lines:

a) History

b) Architectural Design

c) Graphic Communication

d) Sustainability

e) Construction

f) Facilities

g) Structures

h) Administration and Management

i) Urbanism

Elective curricular lines. It concentrates optional courses, in terms of specialized training in some complementary area of the discipline. It is made up of four curricular lines:

a) Entrepreneurship

b) Disciplinary area

c) Academic systems of social relevance

d) General education

The student will choose two lines of the four existing taking 4 courses, the 2 of each selected line.

Terminal Curricular lines: The purpose of this lies in the development of skills for the preparation of students in their completion and graduation phase of the academic program. It is made up of 1 curricular line:

a) Research

The study plan for the Bachelor of Architecture is made up of 433 credits and 62 courses; which the student will take a minimum of 1 and a maximum of 7 courses per cycle, covering a minimum of 6 and a maximum of 56 credits per cycle.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS										TC	TICH	TOCH	TC	TTC
FOUNDATIONAL		INSTITUTIONAL	HUMANIST FORMATION	Person and Truth FHU006	Person and Freedom FHU007	Person, Family, and Society FHU008	Person and Contemporary Culture FHU010	Person and the Mexican Identity FHU011	Person and Transcedence FHU009					18	18	36	36
			ENTREPRENEURSHIP					Entrepreneurship EMP026						4.5	2.5	7	7
			LANGUAGES	Advanced English I ING115	Advanced English II ING116	Global Perspective ING117								13.5	16.5	30	18
	INSTITUTIONAL, PROFESSIONAL AND COURSE	PROFESSIONAL FOUNDATIONS	ARCHITECTURE DESIGN	Architecture Design Studio I ARQ123	Architecture Design Studio II ARQ124	Architecture Design Studio III ARQ125								18	12	30	24
			PHYSICS-MATHEMATICS				Mathematics for Architecture MAT116	Statics FIS034						10.5	6.5	17	14
			VISUAL COMMUNICATION	Architectural Representation I ARQ126	Architectural Representation II ARQ127	Architectural Representation III ARQ128								18	0	18	32
				Geometry ARQ129	CAD ARQ130									10.5	2.5	13	
			HISTORY		Introduction to the Theory and History of Architecture ARQ131	Contemporary Architecture ARQ132	Classical Antiquity and Middle Ages ARQ133							9	9	18	12
DISCIPLINARY		PROFESIONAL	THEORY	Design Process Methodology ARQ134										3	3	6	14
					Architectural Assessment ARQ135	City Assessment ARQ136								6	6	12	
			HISTORY				Modernity and Neoclassicism in Europe ARQ245	History of Pre-Hispanic and Viceregal Mexico ARQ246	History of Independent and Contemporary Mexico ARQ247					9	9	18	12
			ARCHITECTURE DESIGN			Architecture Design Studio IV ARQ248	Architecture Design Studio V ARQ249	Architecture Design Studio VI ARQ250	Architecture Design Studio VII ARQ251	Architecture Design Studio VIII ARQ252	Architecture Design Studio IX ARQ253	Architecture Design Studio X ARQ254	8	42	28	70	62
									Community Design ARQ255					3	3	6	
			VISUAL COMMUNICATION			Virtual Models I ARQ256	Virtual Models II ARQ257							12	0	12	16
			SUSTAINABILITY				Sustainable Architecture ARQ258							6	0	6	6
			CONSTRUCCTION				Construction Materials and Processes ARQ259	Masonry Construction ARQ260	Concrete Construction ARQ261	Prefabricated Materials Construction ARQ262	Construction Workshop ARQ263			22.5	7.5	30	30
			FACILITIES					Basic Facilities ARQ264	Advanced Facilitiess ARQ265	Facilities Workshop ARQ266				9	9	18	18
			STRUCTURES					Masonry Structural Design Criteria CIV016	Concrete Structural Design Criteria CIV017	Steel Structural Design Criteria CIV018	Complex Structural Design Criteria CIV019			12	12	24	24
			ADMINISTRATION AND MANAGEMENT								Organization and Construction Administration I ARQ267	Organization and Construction Administration II ARQ268	6	9	5	14	18
												Construction Management ARQ269	6	3	3	6	
			URBANISM						Landscape Architecture ARQ270		Urban Architectural Criticism ARQ271			6	6	12	12
		ELECTIVE	ENTREPRENEURSHIP								Selected Topics in Entrepreneurship I OEM007	Selected Topics in Entrepreneurship II OEM008	6				
			DISCIPLINARY AREA								Selected Topics in Human Dwelling I ARQ313	Selected Topics in Human Dwelling II ARQ314	6	12	12	24	24
			ACADEMIC SYSTEMS OF SOCIAL RELEVANCE								Integrative Project of Social Relevance I VAS001	Integrative Project of Social Relevance II VAS002	6				
			GENERAL EDUCATION								General Education Elective I VAS003	General Education Elective2 VAS004	6				
		CAPSTONE	RESEARCH							Pre-Graduation Seminar ARQ422				3	3	6	6
			TOTAL	6	7	7	7	6	6	7	5	6	5	32	259.5	173.5	433	385

TC MX	385
TC USA	193

BACHELOR'S DEGREE IN
PEDAGOGY AND EDUCATIONAL INNOVATION

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: 20192742

ACADEMIC PROGRAM PURPOSE

It trains critical, ethical and humanistic Bachelors in Pedagogy and Educational Innovation who design, manage and evaluate educational proposals involving theoretical bases, pedagogical proposals and technological tools in the diverse formative areas of the human being, with the purpose of allowing them to act with leadership in the transformation of society, the educational reality and the living conditions of people.

ENTRY PROFILE

Knowledge

- Identifies the importance of education as a way of social development for the country.

- Distinguishes in a basic way the office and web 2.0 tools.

Abilities and/or skills

- Communicates effectively both orally and in writing.

- Manages the English language at a basic level.

- Collaborates and works as part of a team.

Attitudes and/or values

- Is interested in everything related to Education.

- Acts with openness and willingness.

- Responsibility and commitment.

THE GRADUATION PROFILE FOR THE BACHELOR IN PEDAGOGY AND EDUCATIONAL INNOVATION

- Designs didactic proposals that improve training intentions in the various fields of education

- Uses innovative methodologies for curriculum design, development and evaluation

- Proposes and manages Educational Evaluation processes for accreditation, certification and institutional development purposes.

- Plans organizational development through leadership strategies

- Implements pedagogical solutions using technological tools in the various fields of Education

- Designs, implements and evaluates training proposals in formal and non-formal settings

- Develops research processes that allow providing solutions to the problems of Education.

PROGRAM CURRICULAR LINES

The program has a number of 51 courses that can be taken in a flexible curriculum in 8 school periods.

General Education. It emphasizes the training of the student under the profile of the UPAEP. It has 3 curricular lines:

a) Humanist Training

b) Entrepreneurship

c) Languages

Professional basic curricular lines. It concentrates elementary courses of the curricular project and they are chosen for their multidisciplinary criteria. It has 6 curricular lines:

a)   History

b)   Politics

c)   Philosophy

d)   Psychology

e)   Didactics

f)   Pedagogy.

Professional curricular lines. They show courses of the area that allow students a training of a disciplinary nature. It has 5 curricular lines:

a)   Curriculum

b)   Assessment

c)   Educational innovation

d)   Business pedagogy

e)   Social pedagogy

Elective curricular lines. It concentrates optional courses, in terms of specialized training in some complementary area of the discipline. It is made up of four curricular lines:

a) Entrepreneurship

b) Disciplinary area

c) Academic systems of social relevance

d) General education

The student will choose two lines of the four existing taking 4 courses, the 2 of each selected line.

Terminal Curricular lines: The purpose of this lies in the development of skills for the preparation of students in their completion and graduation phase of the academic program. It is made up of 2 curricular line:

a)   Research

b)   Integration

The study plan for the Bachelor in Pedagogy and Educational Innovation is made up of 383 credits and 51 courses; which the student will take a minimum of 1 and a maximum of 7 courses per cycle, covering a minimum of 6 and a maximum of 56 credits per cycle.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN PEDAGOGY AND EDUCATIONAL INNOVATION
GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS									TICH	TC
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY AND PROFESSIONAL	INSTITUTIONAL	MATHEMATICS	Mathematical Reasoning MAT100								4.5	8
			HUMANIST FORMATION	Person and Truth FHU006	Person and Freedom FHU007	Person, Family, and Society FHU008	Person and Contemporary Culture FHU010	Person and the Mexican Identity FHU011		Person and Transcendence FHU009		18	36
			LANGUAGES	Advanced English I ING115	Advanced English II ING116	Global Perspective ING117						13.5	30
FOUNDATIONAL		PROFESSIONAL FOUNDATIONS	HISTORY	General Pedagogy PIE100	History of Education PIE101							9	16
			POLITICS	Mexican Education System PIE102	Education Policy PIE103							9	16
			PHILOSOPHY	Anthropology of Education FIL025	Social Dimension of Education PIE104	Philosophy of Education FIL026	The Epistemology of Education FIL027					12	24
			PSYCHOLOGY	General Psychology PSI018	Developmental Psychology I PSI019	Developmental Psychology II PSI020	Psychology and Education PIE105					18	32
			DIDACTICS			Didactic Processes PIE106	Didactic Resources PIE107					9	16
			TEACHING		Teaching Skills and Tutoring PIE108	Socioemotional Processes in Learning PIE109	Fundamentals of Orientation PIE110					12	22
SPECIALIZED		PROFESSIONAL	CURRICULUM					Curriculum Design PIE200	Curriculum Development PIE201	Assessment and Curriculum Innovation PIE202		13.5	24
			ASSESSMENT					Learning Assessment PIE203	Educational Assessment PIE204	Accreditations and Certifications PIE205		13.5	24
			EDUCATIONAL INNOVATION					Educational Innovation PIE206	Pedagogical Design for New Technologies PIE207	Virtual Platforms PIE208	Educational Software COM014	18	32
								Educational Organization and Management PIE209	Entrepreneurship Models EMP017	Entrepreneurship Elective OEM006	Education Economics PIE210	15	27
			BUSINESS PEDAGOGY					Education and Business PIE211	Training Designs PIE212		Organizational Leadership LAE004	12	22
			SOCIAL PEDAGOGY					Pedagogy and Social Education PIE213		Design and Intervention of Socio-educational Projects PIE214	Assessment of Socio-educational Projects PIE215	13.5	24
		CAPSTONE	INTEGRATION								Ethical Dimension of Education PIE400	3	6
			RESEARCH						Descriptive Statistics MAT200	Research Seminar I PIE401	Research Seminar II PIE402	13.5	24
			TOTAL	7	7	6	5	7	6	7	6	207	383

TC MX	383
TC USA	192

ICH= WEEKLY IN CLASS HOURS   C= CREDITS

BACHELOR'S DEGREE IN

EDUCATIONAL AND ORGANIZATIONAL PSYCHOLOGY

MODALITY: Semi-grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/2023/2017

ACADEMIC PROGRAM PURPOSE

It trains Bachelors in Educational and Organizational Psychology with an ethical and humanistic vision, who implement prevention and intervention strategies in the educational and organizational fields, through diagnosis, analysis and action in the different needs related to the behavior and development of people within an educational institution or organization, in order to promote the integral development of human beings and their well-being.

ENTRY PROFILE

Knowledge

- Recognizes the processes of human development.
- Explains the basic elements of biology.
- Relates current social conflicts in their environment to behavioral issues.
- Demonstrates elementary knowledge of the English language.

Abilities and/or skills

- Manages information and communication technologies (ICT's).
- Demonstrates oral and written communication skills (writing and spelling rules).
- Works collaboratively.
- Employs critical and creative thinking.
- Shows analytical capacity for inquiry.

Attitudes and/or values

- Shows high appreciation for human values.
- Shows strong inclination towards behavioral sciences.
- Involved in the needs of their environment.
- Is concerned about respecting diversity.
- Acts with a vocation of service.

Habits

- Self-study (self-directed learning) and team learning.
- Uses techniques to learn significantly
- Organizes and distributes study time
- Takes responsibility for academic work.

THE GRADUATION PROFILE FOR THE BACHELOR IN EDUCATIONAL AND ORGANIZATIONAL PSYCHOLOGY

- Applies psychological procedures and instruments to interpret and communicate the results derived from his/her professional function.

- Evaluates, diagnoses and intervenes in behavioral problems from a scientific perspective.

- Develops psychological research projects that contribute to the construction of the field of knowledge of the discipline.

- Executes adequate procedures for the selection, elaboration, application and evaluation of strategies that allow him/her to give psychological orientation in the educational and organizational environments.

- Proposes solutions for the development, welfare and effectiveness of individuals, groups and organizations.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN EDUCATIONAL AND ORGANIZATIONAL PSYCHOLOGY
SEMI-GROUNDED EDUCATION

COMPETENCIES	CORE	CURRICULUM AREAS									TICH	TOCH	TC
FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	INSTITUTIONAL	HUMANIST FORMATION	Person and Truth FHU006		Person, Family, and Society FHU007		Person and Transcendence FHU008						
	PROFESSIONAL FOUNDATIONS PROFESIONAL	PHILOSOPHY	Philosophical Anthropology LCF103		Social Philosophy LCE001		Epistemological and Philosophical Foundations of Psychology PEO100						
		THEORETICAL BASIS	General Psychology PEO101		Trends in Educational Psychology PEO102	Interviewing Techniques PEO104	Trends in Organizational Psychology PEO103	Child and Adolescent Psychology PEO105	Adult Psychology PEO106				
		PSYCHOBIOLOGY		Psychobiology PEO107		Early Stimulation PEO108		Child Psychoneurology PEO109	Adult Psychoneurology PEO110	Adicctions PEO111			
		LIFE CYCLE		Life Cycle I PEO112		Life Cycle II PEO113		Life Cycle III PEO114	Affectivity and Sexuality LCF219				
	PROFESIONAL	ORIENTATION								Educational Orientation PEO200			
		PSYCHOSOCIAL											
		EDUCATIONAL PSYCHOLOGY							Educational Psychology Paradigm PEO205				
		ORGANIZATIONAL PSYCHOLOGY							Organizational Psychology PEO212				
	CAPSTONE	INTEGRATION											
		RESEARCH											
		TOTAL	3	2	3	3	3	3	3	2	2	336	1968	144

TC MX	144
TC USA	72

BACHELOR'S DEGREE IN
EDUCATIONAL INNOVATION AND ADVISING

MODALITY: Online education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/2083/2017

ACADEMIC PROGRAM PURPOSE

It trains Bachelors with a humanistic, ethical and scientific approach in the field of innovation and educational counseling, considering the current needs in the school, non-school, family, work and social contexts, in order to advise, direct, guide, evaluate and intervene in these, in an inter and transdisciplinary way with the strategic use of technology, both in the regional, national and international environment.

ENTRY PROFILE

Knowledge

- Recognizes the use of technology tools that allow access to new ways of learning.

- Identifies the process for research.

Abilities and/or skills

- Shows oral and written skills for information management.

- Uses skills for observation, analysis and evaluation of the problems of their context.

Attitudes and/or values

- Shows disposition for self-regulated learning.

- Demonstrates empathy to work with others

- Shows interest in problem solving and decision making.

- Values the importance of honesty in their academic and professional life.

Habits

- Reading habits.

- Study habits.

THE GRADUATION PROFILE FOR THE BACHELOR IN EDUCATIONAL INNOVATION AND ADVISING

- Applies research in educational processes for transformation in school, non-school, family, work and social contexts.

- Designs educational actions for counseling people with special needs in a comprehensive manner.

- Strategically executes information technology for innovation and educational counseling.

- Implements learning evaluation strategies and processes in different educational contexts.

- Integrates proposals in an inter and transdisciplinary way, for innovation and educational counseling in different environments.

- Promotes training in companies, to enhance the integral development of people.

- Proposes guidance strategies for school, personal, family, vocational and professional contexts.

- Supports their professional action in humanistic values and social responsibility throughout life.

- Values diversity and multiculturalism as a way to enrich work and professional life.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN EDUCATIONAL INNOVATION AND ADVISING

ONLINE EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS															TICH	TOCH	TC
FOUNDATIONAL	INSTITUCIONAL, PROFESSIONAL, AND COURSE	INSTITUTIONAL	DIGITAL COMPETENCIES	Digital Learning Tools ATI001														0	96	6
			HUMANIST THINKING AND FORMATION	Study Methods for the Development of Thought and Language I IAE001	Study Methods for the Development of Thought and Language II IAE002													0	192	12
				Person and Freedom FHU005	Humanist Formation Elective OFH001													0	192	12
		PROFESSIONAL FOUNDATIONS	LANGUAGE AND CULTURE		Intercultural Management LCI111													0	96	6
			PHILOSOPHY	Philosophy of Education FIL001	Social Anthropology FIL002													0	256	16
			PSYCHOPEDAGOGY	Psychopedagogical Basis IAE100	Cognitive Development I IAE101	Cognitive Development II IAE102												0	384	24
					Childhood Knowledge IAE103	Adolescence Knowledge IAE104	Adulthood Knowledge IAE105											0	384	24
					Structure and Planning of the Didactic Process IAE106	Curriculum Design, Development and Assessment IAE107	Methodology of the Teaching, Learning, and Evaluation Processes IAE108											0	384	24
					Applied Technology in Education ATI002		New Learning Environments IAE109											0	192	12
			INCLUSIVE EDUCATION			Inclusive Education IAE110	People with Disabilities IAE111	Learning Disabilities IAE112										0	384	24
DISCIPLINARY		PROFESSIONAL	COMPETENCY-BASED APPROACH					Competency-Based Education IAE200		Competency-Based Assessment IAE201								0	256	16
			EUCATIONAL ADVISING					Educational Orientation IAE202	Personal and Family Orientation IAE203	School Orientation IAE204	Vocational and Professional Counseling IAE205							0	384	24
			PSYCHOPEDAGOGICAL INTERVENTION						Approaches to Psychopedagogical Assessment IAE206	Psychopedagogical Assessment IAE207								0	192	12
											Psychopedagogical Intervention IAE208	Psychopedagogical Intervention in Educational Areas IAE209	Psychopedagogical Intervention with People with Disabilities IAE210					0	288	18
			EDUCATIONAL INNOVATION								Innovation and Heutagogy Processes IAE211	Lifelong Learning IAE212	Informal Education IAE213					0	288	18
			ORGANIZATIONAL ADVISING									Detection of Training Needs in Organizations IAE214	Design of Training Plans in Organizations IAE215					0	192	12
		CAPSTONE	ORIENTATION AND FAMILY											Family Dynamics IAE216		Case Studies in Family Orientation IAE217		0	192	12
			INTEGRATION											Professional Integration in Educational Innovation IAE300	Professional Integration in the Family IAE301	Professional Integration in Organizations IAE302		0	320	20
			RESEARCH											Quantitative and Qualitative Research IAE306	Pre-Graduation Seminar I IAE307	Pre-Graduation Seminar II IAE308		0	288	18
			TOTAL	3	3	3	3	3	3	3	2	3	3	3	3	2	3	0	4960	310

	TC
TC MX	310
TC USA	155

BACHELOR'S DEGREE IN

PHILOSOPHY

MODALITY: Online education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/2126/2018

ACADEMIC PROGRAM PURPOSE

It trains Bachelor of Philosophy graduates who integrate the dignity of the human person as a core value, from the philosophical disciplines, through the application of modes of argumentation and dialogue, the generation of inter-trans-disciplinary projects and the use of new information technologies, to be agents of metaphysical thought in culture and society.

ENTRY PROFILE

Knowledge

- Spanish, linguistics, arts, mathematics, experimental sciences and social sciences.

- Contemporary history, literature and philosophy.

- Identifies information and communication technologies.

Abilities and/or skills

- Analyzes texts and articles.

- Possesses argumentative skills.

- Discerns the differences between sciences and methods.

- Formulates arguments.

- Expresses his thoughts orally and in writing.

Attitudes and/or values

- Enjoys the knowledge of something new.
- Seeks knowledge of the truth
- Is honest
- Is analytical
- Values research

Habits

- Reads daily
- Asks for arguments before accepting any position.
- Concentrates and follows the argumentation of texts.
- Studies daily.

THE GRADUATION PROFILE FOR THE BACHELOR IN PHILOSOPHY

- Constructs arguments based on philosophical positions that support answers to existential questions.

- Develops investigations under the philosophical method.

- Uses metaphysical, logical-epistemological and ethical principles for the analysis of concrete reality.

- Questions the essence, causes and meaning of current problems.

- Uses the genres of writing and academic discourse to express arguments.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN PHILOSOPHY
ONLINE EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS	Courses	TICH	TOCH	TC
FOUNDATIONAL / DISCIPLINARY	INSTITUTIONAL, PROFESsIONAL, AND COURSE	INSTITUTIONAL	HUMANIST FORMATION	Person and Freedom FHU003; Humanist Formation Elective; Study Methods for the Development of Thought and Language I IAE001; Study Methods for the Development of Thought and Language II IAE002	0	384	24
		PROFESSIONAL FOUNDATIONS	CLASSICAL LANGUAGES	Greek Language and Literature FIL100; Latin Language and Literature FIL101	0	224	14
			HISTORY OF PHILOSOPHY	History of Philosophy from Presocratics to Plato FIL102; History of Philosophy from Aristotle to Hellenism FIL103	0	224	14
			LOGICAL-EPISTEMOLOGICAL	Fundamentals of Critical and Humanist Thinking FIL104; Mathematical Logic FIL105	0	224	14
			FUNDAMENTAL METAPHYSICS	Introduction to Philosophy FIL106; Philosophy of Nature FIL107; Metaphysics FIL108; Philosophical Anthropology FIL109	0	448	28
		PROFESSIONAL	ADVANCED LOGICAL-EPISTEMOLOGICAL	Argumentation Theory FIL200; Epistemology FIL201	0	224	14
			PHILOSOPHY OF ACTION	Ethics FIL202; Social and Political Philosophy FIL203; Aesthetics FIL204	0	336	21
			ADVANCED METAPHYSICS	Current Issues of the Theory of Knowledge FIL205; Theodicy FIL206	0	224	14
			PHILOSOPHICAL TOPICS	Philosophy of Education FIL209; Philosophy of Religion FIL207; Philosophy of History FIL208; Philosophy of Science FIL211; Philosophy of Culture FIL210; Structure and Planning of the Didactic Process IAE106	0	688	43
			HISTORY OF ADVANCED PHILOSOPHY	History of Philosophy from the High Middle Ages FIL212; History of Philosophy from the Scientific Revolution to the Enlightment FIL218; History of Philosophy from Kant to the German Idealism FIL215; History of Post-Hegelian Philosophy FIL216; History of Continental and Analytic Philosophy FIL217; Mexican Philosophy FIL213	0	672	42
			HUMANITIES	History Seminar HUM001; Selected Topics in Art HUM002; Humanities Seminar HUM003	0	336	21
		CAPSTONE	INTEGRATION	Plato Seminar FIL300; Metaphysics Seminar FIL301; Medieval Philosophy Seminar FIL302; Problems of Knowledge Seminar FIL303; Modern Philosophy Seminar FIL304; XIX Century Philosophy Seminar FIL305; Contemporary Philosophy Seminar FIL306	0	784	49
			RESEARCH	Documentary Research Methodology FIL307; Philosophical Research Methodology FIL308	0	224	14
			TOTAL	3 3 3 3 3 3 3 3 3 3 2 3 2 2	0	4992	312

TC MX 312
TC USA 156

BACHELOR'S DEGREE IN
SOCIAL WORK

MODALITY: Online education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/2059/2017

ACADEMIC PROGRAM PURPOSE

It trains Bachelors in Social Work with a critical and proactive sense and social sensitivity from a humanistic and ethical approach, through the analysis of the different individual and social problems of the population, as well as the application of theoretical-methodological and procedural elements of social work, to promote human dignity and solve problems in public and private organizations and vulnerable groups of society.

ENTRY PROFILE

Knowledge

- Recognizes the use of information technology tools that allow access to new ways of learning.

- Identifies elements related to social problems.

Abilities and/or skills

- Demonstrates oral and written ability to manage information.

- Observes the social problems generated in their environment.

Attitudes and/or values

- Shows disposition for self-regulated learning.

- Is concerned about the resolution of social problems.

- Values the importance of ethics in their academic and social life.

Habits

- Reading habits.

- Study habits

THE GRADUATION PROFILE FOR THE BACHELOR IN SOCIAL WORK

- Proposes alternative solutions to individuals, families, groups, organizations and communities, to promote their well-being and welfare.

- Uses Social Work methods and models to address changes in people's needs.

- Prevents crisis situations and channels them to the necessary authorities to deal with individual and social problems and conflicts.

- Carries out campaigns to prevent public health situations.

- Implements action plans to follow up on the cases and problems of the community or organization where it is inserted.

- Provides guidance to individuals, families, groups, organizations and communities to promote changes and improve living conditions.

- Ethically promotes the integral development of the person from birth to death.

- Uses technological and administrative tools in organizations, to favor the management of social work.

- Integrates concepts and research strategies for the resolution of social problems in their context.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN SOCIAL WORK

ONLINE EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS	Courses	TICH	TOCH	TC
FOUNDATIONS	INSTITUTIONAL, PROFESSIONAL, AND COURSE	INSTITUTIONAL	DIGITAL COMPETENCIES	Digital Learning Tools ATI001	0	96	6
			HUMANIST THINKING AND FORMATION	Person and Freedom FHU004; Humanist Formation Elective OFH001	0	192	12
				Study Methods for the Development of Thought and Language I IAE001; Study Methods for the Development of Thought and Language II IAE002	0	192	12
		PROFESSIONAL FOUNDATIONS	PSYCHOLOGY	General Psychology IAE003; Childhood Knowledge IAE103; Adolescence Knowledge IAE104; Adulthood Knowledge IAE105; Group Dynamics IAE004	0	608	38
			SOCIAL SCIENCES	Social Anthropology FIL002; Sociology LTS100	0	192	12
			COMPUTING	Spreadsheet I GTI001; Spreadsheet II GTI002	0	256	16
			ECONOMIC ADMINISTRATIVE	Statistics LAE020; Economics LAE019; Administrative Processes I LAE021; Administrative Processes II LAE022	0	512	32
DISCIPLINARY		PROFESSIONAL	SOCIAL WORK	Social Work LTS200; Institutions and Social Work LTS201; Social Work Models LTS202; Social Work Supervision LTS203; Social Research Techniques LTS217	0	640	40
			LAW	Human Rights DER005; Family Law DER006; Labor Law DER007; Criminal Law DER008	0	512	32
			ORIENTATION AND ADVISING	Human Development LTS204; Family Dynamics IAE216; Social Intervention Techniques LTS206; Family Orientation LTS207; Logotherapy and Thanatology LTS208	0	608	38
			WELFARE	Public Health LTS209; Life Quality LTS210; Psychopharmacology and Addictions LTS211; Health Promotion LTS212	0	512	32
			SANITARY ASSISTANCE	Bioethics LTS213; Assistance to People in Vulnerable Situations LTS214	0	256	16
			COMMUNITY ASSISTANCE	Poverty and Social Development in Mexico LTS215; Migratory Phenomena and Assistance to Migrants LTS216	0	256	16
		CAPSTONE	INTEGRATION	Elaboration of Social Projects LTS300; Evaluation of Social Projects LTS301	0	256	16
			RESEARCH	Pre-Graduation Seminar I IAE307; Pre-Graduation Seminar II IAE308	0	192	12
			TOTAL	3 3 3 3 3 3 3 3 3 3 3 3 3 3 2	0	5280	330

TC MX	330
TC USA	165

SPECIALITY DEGREE IN
DIGITAL TEACHING

MODALITY: Online education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/1533/2016

ACADEMIC PROGRAM PURPOSE

It trains Digital Teaching Specialists who integrate learning technologies and knowledge in their educational practice, through the development of strategies and resources for teaching, learning and evaluation, to influence the improvement of the educational process, with a humanistic and ethical vision.

ENTRY PROFILE

Knowledge

- Identifies the basic functions of office.
- Recognizes the basic elements to navigate on the Internet.
- Distinguishes in a basic way the web 2.0 tools.

- Identifies social networks.
- Recognizes contemporary educational models.

Abilities and/or skills

- Uses electronic devices in a basic way.
- Manages information on the web (world wide web).
- Navigates the Internet.
- Manages groups as a teacher.
- Demonstrates ability in planning the educational process.

Attitudes and/or values

- Values the importance of the integration of technology in educational practice.
- Shows service attitude.
- Is concerned about using the Internet and its applications in an ethical manner.
- Is honest.
- Is interested in innovating his/her educational practice.

Habits

- Habit of discipline.
- Habit of organization and order.
- Habit of independent study and autonomous work.
- Openness to continuous learning.

THE GRADUATION PROFILE FOR THE SPECIALIST IN DIGITAL TEACHING

- Applies computer skills to integrate technologies in educational innovation projects.

- Selects, stores and publishes educational information on the Web (global computer network).

- Develops strategies and resources for digital teaching, learning and evaluation.

- Manages communication codes in digital media in the educational context.

- Implements projects and programs that integrate technology at any level and educational modality, based on the integral development of the student.

- Collaborates in the construction of knowledge in virtual and digital learning environments.

- Uses digital devices, personally and as a group learning environment.

- Manages the Internet responsibly and ethically, applying integrity and security criteria in their educational environment.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

SPECIALTY IN DIGITAL TEACHING
ONLINE EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS				TC
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	PROFESSIONAL FOUNDATIONS	FOUNDATIONS OF DIGITAL EDUCATION	Person and Digital Literacy EDD102			5
INSTRUMENTAL		PROFESSIONAL FOUNDATIONS	FOUNDATIONS OF DIGITAL EDUCATION	New Educational Models EDD103			5
FOUNDATIONAL		PROFESSIONAL	DIGITAL DIDACTICS	Teaching Strategies for New Generations EDD205	Applied Digital Didactics EDD206		13
FOUNDATIONAL		PROFESSIONAL	HEUTAGOGY	Web 2.0 Tools and Educational Applications EDD207	Design and Construction of Multimedia Resources EDD208	Virtual and Digital Learning Environments EDD209	19
SPECIALIZED		CAPSTONE	RESEARCH			Integrative Seminar EDD301	6
TOTAL				2	2	2	2	**48**

TC MX	48
TC USA	24

MASTER'S DEGREE IN
ADVERTISING MANAGEMENT AND PRODUCTION

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/978/2013

ACADEMIC PROGRAM PURPOSE

It trains Masters in Advertising Management and Production with a comprehensive vision, based on the processes that make up the dynamics and the advertising task, with leadership skills, innovation and competitiveness; through the development of critical thinking and creativity; the use of argumentative techniques and the adoption of new technologies; from a humanistic and ethical approach to contribute to the solution of advertising communication problems in the different sectors that make up contemporary society.

ENTRY PROFILE

Knowledge

- Identifies advertising concepts.
- Analyzes communication concepts.
- Summarizes marketing concepts.
- Describes design concepts.
- Shows a general culture and current information of the world.

Abilities and/or skills

- Manages oral and written language in Spanish and a second language.
- Prepares a creative advertising design.
- Demonstrates the ability to analyze and synthesize.
- Applies observation and listening skills to detect needs.
- Proves his/her strategic and investigative leadership (expresses in writing the ability or abilities related to this idea).

Attitudes and/or values

- Shows observation and listening skills to make judgments.
- Is proactive in problem solving.
- Is inclined to reflection, evaluation and negotiation.
- Values the use of information and communication technologies (ICT).
- Respects other points of view as possibilities of personal enrichment for the benefit of the social construct.
- Takes the initiative for the development of team projects.

- Defends the identity values of their own culture.

- Values the different artistic and cultural manifestations in local, regional, national and international contexts.

- Shows him/herself as an ethical, responsible and respectful person.

- Values the concepts of design and advertising communication.

Habits

- Attachment to analytical, focused and consultative reading.

- Habit of conservation and reflection.

- Considers culture as a source of growth.

- Habit of effective communication.

THE GRADUATION PROFILE FOR THE MASTER IN ADVERTISING MANAGEMENT AND PRODUCTION

- Designs creative advertising communication messages in different contexts, with the appropriate media, codes and tools for advertising production.

- Develops strategies for decision making during advertising management, planning, creation and evaluation.

- Advises advertising communication agencies, or clients in matters related to advertising in any of its forms, or in the exercise of teaching with the research method of the scientific discipline and with adherence to the ethics of the profession to generate the critical thinking in the discipline.

- He works under pressure, he is proactive, determined, skilled at dealing with all types of clients and at leading work groups.

- Values their work in the different stages: diagnosis, implementation (communication) and evaluation.

- It uses communication technologies and techniques, in the different media or combined and interactive media systems (multimedia).

- He is objective, committed to his profession and to the society of truth; respectful, supportive, informed and fair in the performance of their work.

PROGRAM CURRICULAR LINES

The program has a number of 12 courses that can be taken in a flexible curriculum in 4 school periods.

General Education. It emphasizes the training of the student under the profile of the UPAEP. It has 1 curricular line:

a) Human Development

Fundamental, disciplinary and professional curricular lines. It concentrates elementary courses of the curricular project and they are chosen for their multidisciplinary criteria. It has 4 curricular lines:

a) Production

b) Creation

c) Direction

d) Evaluation

e) Creative processes

f) Skills for direction, planning and management

g) Media production

h) Tools and aids for advertising

i) Advertising projects

Terminal Curricular lines: The purpose of this lies in the development of skills for the preparation of students in their completion and graduation phase of the academic program. It is made up of 1 curricular line:

a) Research

The study plan for the Master in Advertising Direction and Production program is made up of 77 credits and 12 courses; which the student will take a minimum of 1 and a maximum of 3 courses per cycle, covering a minimum of 6 and a maximum of 18 credits per cycle.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

MASTER'S DEGREE IN ADVERTISING MANAGEMENT AND PRODUCTION

GOUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS							TH	TC
INSTRUMENTAL	HUMANIST, DISCIPLINARY, AND PROFESSIONAL COMPETENCIES	INSTITUTIONAL (MANDATORY)	HUMAN DEVELOPMENT	Leadership and Service Mission HUM560						3	7
			PRODUCTION	Advertising Production and Execution DPP510						3	7
			CREATION	Discourse Creation and Argumentation DPP550						3	6
			MANAGEMENT	Agency: Direction and Management DPP514						3	6
FOUNDATIONAL		PROFESSIONAL	EVALUATION (MINIMUM 1)	Assessment Elective						3	6
			MEDIA PRODUCTION								
			CREATIVE PROCESSES								
			DIRECTION, PLANNING, AND MANAGEMENT SKILLS	Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	Complementary Elective		15	30
			ADVERTISING TOOLS AND AIDS								
SPECIALIZED		CAPTSONE	ADVERTISING PROJECTS						Capstone Elective Course 1	Capstone Elective Course 2	6	15
			RESEARCH								
			TOTAL							36	77

TC MX	77
TC USA	39

MASTER'S DEGREE IN

WORK AND ORGANIZATIONAL PSYCHOLOGY

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/2684/2019

ACADEMIC PROGRAM PURPOSE

It trains Masters in Work and Organizational Psychology, with an ethical and humanistic sense, who manage organizational projects, through diagnosis, intervention, research-action and transformation of the management of people, teams and organizations, to prevent and contribute to the solution of human problems with social impact and welfare.

ENTRY PROFILE

Knowledge

- Explain basic concepts of organizational psychology.

- Identifies statistical and research processes.

- Points out facts and situations through clear written and verbal communication.

- English proficiency level of at least 450 points.

Abilities and/or skills

- Applies observation and analysis processes.

- Demonstrates judgment, reasoning, as well as logical and systemic thinking.

- Uses computer packages

- Works as part of a team

- Proposes actions of change for transformation within their environment.

Attitudes and/or values

- Reacts in a respectful and assertive manner.

- Acts with discipline and adapts to change.

- Appreciates healthy coexistence.

- Values the search for the common good.

Habits

- Reading habits

- Habit of order

- Habit of analysis.

THE GRADUATION PROFILE FOR THE MASTER IN WORK AND ORGANIZATIONAL PSYCHOLOGY

- Develops a strategic and entrepreneurial approach to psychological intervention with a vision systemic, comprehensive and person-centered, with social impact, for organizational change and innovation.

- Optimizes human and management processes to generate spaces for health and quality of life, using their ethical capacity and promoting productivity.

- Develops human talent, with a systemic, comprehensive and person-centered vision that improves self-concept, self-efficacy and skills for collaborative management, which generates positive results.

- Exercise responsible leadership that facilitates self-actualization, and harmonizes your life plan personal and work.

- Promotes the development of a healthy and ethical organizational culture, through projects innovative and local and global transformation.

- Carries out Applied Research in the field of Work and Organizational Psychology.

- Practice Consultancy in Work and Organizational Psychology and present products that evidence the acquisition of the Graduate Profile.

PROGRAM CURRICULAR LINESULAR LINES

The program has a number of 12 courses that can be taken in a flexible curriculum in 6 school periods.

General Education. It emphasizes the training of the student under the profile of the UPAEP. It has 1 curricular line:

a) Lidership

Professional basic curricular line: It concentrates elementary courses of the curricular project and they are chosen for their multidisciplinary criteria. It has 4 curricular line:

a) Organizational culture and well-being

b) Talent management and development

c) Psychosocial Transformation

d) Integration of advanced consulting projects

Terminal curricular line: The purpose of this lies in the development of skills for the preparation of students in their completion and graduation phase of the academic program. It is made up of 1 curricular line:

a) Research

The study plan for the Master in Work and Organizational Psychology is made up of 75 credits and 12 courses; which the student will take a minimum of 1 and a maximum of 3 courses per cycle, covering a minimum of 6 and a maximum of 18 credits per cycle.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

MASTER'S DEGREE IN WORK AND ORGANIZATIONAL PSYCHOLOGY
GROUNDED EDUCATION

TYPE	COMPETENCES	CORE	CURRICULUM AREAS						TICH	TOCH	TC
FOUNDATIONAL	INSTITUTIONAL, PROFESSIONAL, AND COURSE	INSTITUTIONAL	LEADERSHIP	Transformational Leadership AYH601					48	48	6
DISCIPLINARY		PROFESSIONAL	FUNDAMENTALS OF WORK AND ORGANIZATIONAL PSYCHOLOGY	Anthropological, Ethical and Social Dimension of Work and Organizations PSI530					48	48	6
				Work and Organizational Psychology PSI531					48	48	6
			PSYCHOSOCIAL TRANSFORMATION				Professional Topics Elective PTP601	Professional Topics Elective PTP602	96	96	12
		(MUST BE CHOSEN ACCORDING TO THE LGAC)	LGAC 1 ORGANIZATIONAL CULTURE AND WELL-BEING	Organizational Leadership, Culture, and Climate PSI532	Strategic Change Planning and Management PSI534	High Performance Equipment PSI535					
				Workplace Well-being and Occupational Health PSI 533					192	192	24
			LGAC 2 TALENT MANAGEMENT AND DEVELOPMENT	Talent Planning and Attraction PSI536	Talent Development PSI538	Talent Retention Strategies PSI539					
				Leadership and Team Coaching PSI 537							
		CAPSTONE	INTEGRATION					Advanced Consulting Projects PSI540	48	64	7
			CAPSTONE	Master's Thesis in Work and Organizational Psychology I PSI630				Master's Thesis in Work and Organizational Psychology II PSI631	96	128	14
			TOTAL	3	3	1	2	2	1	576	624	75

TC MX	75
TC USA	38

MASTER'S DEGREE IN
HOUSING

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/1529/2016

ACADEMIC PROGRAM PURPOSE

It trains Housing Masters with a humanistic sense, who generate integral solutions to the housing problem at local, national and international levels, integrating the economic, political, social and environmental factors that affect it, in order to improve housing opportunities and therefore the quality of life of people.

ENTRY PROFILE

Knowledge

- Recognizes the problems in the real estate and construction sector.
- Identifies areas of opportunity in housing and its environment.
- Relates the business environment to housing.
- Recognizes housing production processes.

Abilities and/or skills

- Makes decisions based on the analysis of the context.
- Works in interdisciplinary teams to achieve projects.
- Proposes improvement solutions based on the user.
- Uses technology in the development of projects.

Attitudes and/or values

- Values the country's efforts to improve housing.
- Is concerned about the quality of life of society.
- Is empathetic.
- Is respectful.
- Assumes a spirit of self-improvement.

Habits

- Methodical and hierarchical work.
- Interest in constant updating.
- Autonomous work.
- Reading and analyzing information.

THE GRADUATION PROFILE FOR THE MASTER IN HOUSING

- Carries out the planning and strategic management of the real estate business environment.

- It raises proposals for the improvement of housing that integrate state and national policies.

- Develops housing projects from a comprehensive and transdisciplinary approach.

- Generates ergonomic, sustainable and quality spaces that transform the concept of minimal housing in Mexico.

- Implements economic and feasibility studies for the development and promotion of housing.

- Integrate technology in the intelligent design of environments and closed spaces.

- Incorporates international standards on the use of strategies aimed at the sustainability of buildings in project design.

- Demonstrates an ethical and responsible stance in proposals that address the housing problem in Mexico.

PROGRAM CURRICULAR LINES

The program has a number of 12 courses that can be taken in a flexible curriculum in 4 school periods.

These new areas of opportunity generate the need for specific studies on the course of housing, with the consequent preparation of professionals who deal in a specialized way with the housing problem in Mexico.

General Education. It emphasizes the training of the student under the profile of the UPAEP. It has 1 curricular line:

a) Human Development

Fundamental, disciplinary and professional curricular line. It concentrates elementary courses of the curricular project and they are chosen for their multidisciplinary criteria. It has 4 curricular lines:

a) Financial planning, housing policies and management

b) Design, technology and sustainability

c) Housing and habitat

d) Update and integration seminar

Terminal Curricular line: The purpose of this lies in the development of skills for the preparation of students in their completion and graduation phase of the academic program. It is made up of 1 curricular line:

a) Research

The study plan for the Master in Housing program is made up of 77 credits and 12 courses; which the student will take a minimum of 1 and a maximum of 3 courses per cycle, covering a minimum of 6 and a maximum of 18 credits per cycle.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

MASTER'S DEGREE IN HOUSING GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS							TH	TC
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	COMMON (MANDATORY)	**HUMAN DEVELOPMENT**	Leadership and Service Mission HUM560						3	7
			HOUSING FINANCIAL PLANNING, POLICIES, AND MANAGEMENT	Housing Problems VIV008	Real Estate Promotion VIV003					6	12
			DESIGN, TECHNOLOGY, AND SUSTAINABILITY	Fundamentals for the Study of Housing VIV001						3	6
FOUNDATIONAL		PROFESSIONAL	**HOUSING FINANCIAL PLANNING, POLICIES, AND MANAGEMENT (MINIMUM 1)**	Housing Financial Planning, Policies, and Management Elective							
			DESIGN, TECHNOLOGY, AND SUSTAINABILITY (MINIMUM 2)			Design, Technology, and Sustainability Elective	Design, Technology, and Sustainability Electivey	Complementary Elective Course	Complementary Elective Course	18	36
			HOUSING AND HABITAT (MINIMUM 1)			Housing and Habitat Elective					
			REFRESHER AND INTEGRATION SEMINARS								
SPECIALIZED		CAPSTONE	**CAPSTONE PROJECT**			Capstone Project I HAB005			Capstone Project II HAB006	6	16
		TOTAL		3	2	2	2	1	2	**36**	**77**

TC MX	77
TC USA	39

MASTER'S DEGREE IN
SUSTAINABLE HABITAT

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/01/1248/2015

ACADEMIC PROGRAM PURPOSE

To train Masters in sustainable habitat that address the environmental, socio-economic and cultural problems generated by the phenomenon of human habitation, through the development of sustainable habitat projects that provide interdisciplinary solutions from a systemic approach, to contribute to improve, in an ethical manner, the environmental, social, economic and developmental processes of people in their habitat.

ENTRY PROFILE

Knowledge

- Recognizes social, economic and environmental problems of the habitat.

- Identifies areas of opportunity in the generation of sustainable projects in the public and private sector.

- Interprets the business environment.

- Distinguishes technological tools.

Abilities and/or skills

- Visualizes spaces in a three-dimensional way.

- Observes social, economic and environmental phenomena of habitat.

- Proposes solutions to the phenomenon of human habitat.

- Generates creative ideas.

- Works in teams.

Attitudes and/or values

- Shows sensitivity to social needs.
- Communicates assertively.
- Is empathetic.
- Shows willingness to learn.
- Is honest.
- Shows vocation of service.
- Is congruent.
- Is respectful.
- Assumes a spirit of self-improvement.
- Shows an attitude of constant search.

Habits

- Methodical and hierarchical work.
- Interest in constant updating.
- Autonomous work.
- Reading and analyzing information.

THE GRADUATION PROFILE FOR THE MASTER IN SUSTAINABLE HABITAT

- Implement sustainable habitat projects in a transdisciplinary manner based on strategic planning within the business environment.

- Manages habitat projects that improve the social and economic development of communities.

- Manages federal, state and municipal funds and resources for the development of habitat improvement projects.

- Make proposals that address the social problems of the habitat, considering the environmental and humanistic approach.

- It proposes environmental urban development projects that generate business opportunities.

- Applies the methodology of participatory design in the development of projects to raise awareness of the social needs of the habitat.

- Demonstrates an ethical and responsible stance in the structuring, development and management of sustainable habitat projects.

PROGRAM CURRICULAR LINES

The program has a number of 12 courses that can be taken in a flexible curriculum in 4 school periods.

General Education. It emphasizes the training of the student under the profile of the UPAEP. It has 1 curricular line:

a) Human Development

Fundamental, disciplinary and professional curricular line. It concentrates elementary courses of the curricular project and they are chosen for their multidisciplinary criteria. It has 5 curricular lines:

a) Sustainable habitat

b) Social development

c) Economic development

d) Sustainable development

e) Updating and integration seminars

Terminal Curricular line: The purpose of this lies in the development of skills for the preparation of students in their completion and graduation phase of the academic program. It is made up of 1 curricular line:

a) Research

The study plan for the Master in Sustainable Habitat is made up of 78 credits and 12 courses; which the student will take a minimum of 1 and a maximum of 3 courses per cycle, covering a minimum of 6 and a maximum of 18 credits per cycle.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

MASTER'S DEGREE IN SUSTAINABLE HABITAT
GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS						TH	TC
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	INSTITUTIONAL (MANDATORY)	HUMAN DEVELOPMENT		Leadership and Service Mission HUM560				3	7
			SUSTAINABLE HABITAT	Fundamentals of Sustainable Habitat HAB001	Design Methodology for Sustainable Habitat Projects HAB002				6	13
			SOCIAL DEVELOPMENT		Participatory Design Methodology HAB003				3	6
			ECONOMIC DEVELOPMENT	Sustainable Project Management HAB004					3	6
FOUNDATIONAL		PROFESSIONAL	SUSTAINABLE HABITAT (MINIMUM 1)		Sustainable Habitat Elective					
			SUSTAINABLE DEVELOPMENT (MINIMUM 1)			Sustainable Development Elective				
			SOCIAL DEVELOPMENT (MINIMUM 1)				Social Development Elective	Complementary Elective Course	Complementary Elective Course	15	30
			ECONOMIC DEVELOPMENT							
			REFRESHER AND INTEGRATION SEMINARS							
SPECIALIZED		CAPSTONE	CAPSTONE PROJECT				Capstone Project I HAB005		Capstone Project II HAB006	6	16
			TOTAL							**36**	**78**

TC MX	78
TC USA	39

MASTER'S DEGREE IN

DESIGN AND INNOVATION MANAGEMENT

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/1532/2016

ACADEMIC PROGRAM PURPOSE

It trains Masters, with an ethical and humanistic vision, who manage design and innovation processes, through the application of theories, methodologies, technologies and iterative and innovative processes of design thinking and strategic designs focused on the user experience, to generate solutions that meet the needs of the recipients of products and services of the creative and cultural industries that produce value within the creative economy.

ENTRY PROFILE

Knowledge

- Identifies basic concepts of strategic design.
- Recognizes creative process management methodologies.
- Enunciates the phases of user-centered design.

- Interprets management processes.

- Describes concepts, theories and methodologies of the design thinking discipline.

Abilities and/or skills

- Proposes creative and innovative solutions to typical design problems.

- Uses language, oral and written, in Spanish in an academic manner.

- Demonstrates reading and listening comprehension of the English language at an advanced level.

- Performs in a self-taught manner.

- Applies observation and listening skills to detect user needs.

- Plans his/her personal and professional time.

Attitudes and/or values

- Is interested in inquiry and experimentation.

- Acts according to what he/she says, feels and thinks.

- Is fair, upright and upright.

- Assumes an ethical, responsible and respectful position.

- Motivates his collaborators to take the initiative and give their best in their work.

- Takes a proactive stance to create and maintain a work/life balance for both self and co-workers.

Habits:

- Attachment to reference reading.

- Habit of observation and reflection.

- Openness to continuous updating.

- Habit of independent study.

- Habit of effective communication.

THE GRADUATION PROFILE FOR THE MASTER IN DESIGN AND INNOVATION MANAGEMENT

- Identify basic concepts of strategic design.

- Recognizes creative process management methodologies.

- State the phases of user-centered design.

- Interpret management processes.

- Describes concepts, theories, and methodologies of the discipline of design thinking.

- It proposes creative and innovative solutions to typical design problems.

- Employs the language, oral and written, in Spanish academically.

- Demonstrates reading comprehension and listening to the English language at an advanced level.

- He works in a self-taught way.

- It applies its ability to observe and listen to the detection of user needs.

PROGRAM CURRICULAR LINES

The program has a number of 12 courses that can be taken in a flexible curriculum in 4 school periods.

General Education. It emphasizes the training of the student under the profile of the UPAEP. It has 1 curricular line:

a) Human Development

Fundamental, disciplinary and professional curricular line. It concentrates elementary courses of the curricular project and they are chosen for their multidisciplinary criteria. It has 5 curricular lines:

a) Theories of design and innovation

b) Strategic design for the creative economy

c) Management of the creative and cultural industry

d) Design focused on user experience

e) Projects for the creative and cultural industry

Terminal Curricular line: The purpose of this lies in the development of skills for the preparation of students in their completion and graduation phase of the academic program. It is made up of 1 curricular line:

a) Research

The study plan for the Master Innovation Design and Management is made up of 77 credits and 12 courses; which the student will take a minimum of 1 and a maximum of 3 courses per cycle, covering a minimum of 6 and a maximum of 18 credits per cycle.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

MASTER'S DEGREE IN DESIGN AND INNOVATION MANAGEMENT

GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS							TH	TC
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	INSTITUTIONAL (MANDATORY)	HUMAN DEVELOPMENT	Leadership and Service Mission HUM560						3	7
			CREATIVE PROCESSES FOR INNOVATION	Strategic Design Methods and Processes DGI502	Design Process for Innovation Workshop DGI503	User Centered Design Laboratory DGI504				9	19
			CREATIVE AND CULTURAL INDUSTRY MANAGEMENT	Creative and Cultural Industries Management Processes DGI501						3	7
FOUNDATIONAL		PROFESSIONAL	DESIGN AND INNOVATION THEORIES (MINIMUM1)		Elective Course in Design and Innovation Theories						
			STRATEGIC DESIGN FOR THE CREATIVE ECONOMY (MINIMUM 1)			Elective Course in Strategic Design for the Creative Economy					
			CREATIVE AND CULTURAL INDUSTRY MANAGEMENT (MINIMUM 1)				Elective Course in Creative and Cultural Industry Management	Complementary Elective Course	Complementary Elective Course	15	30
			USER CENTERED DESIGN								
			REFRESHER AND INTEGRATION SEMINARS								
SPECIALIZED		CAPSTONE	RESEARCH								
			PROJECTS FOR THE CREATIVE AND CULTURAL INDUSTRY				Capstone Elective 1		Capstone Elective 2	6	14
		TOTAL		3	2	2	2	1	2	**36**	**77**

TC MX	77
TC USA	39

MASTER'S DEGREE IN
INNOVATION AND EDUCATIONAL QUALITY

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/01/1268/2015

ACADEMIC PROGRAM PURPOSE

It trains Masters in Educational Innovation and Quality committed to education, characterized by the argumentation, design and development of pedagogical proposals, through the application of models of innovation, quality and research from a humanistic, innovative, multidisciplinary and transcendent approach, in order to have an impact on the improvement of educational processes.

ENTRY PROFILE

Knowledge

- Explains the basic elements of statistics.

- Argues the nature and logical consistency of the knowledge he/she possesses.

- Analyzes texts in English.

Abilities and/or skills

- Uses oral and written language.

- Uses teaching and learning strategies.

- Leads educational processes of teaching, learning, evaluation and school management.

Attitudes and/or values

- Is interested in current educational and social needs.
- Shows empathy for teamwork.
- Possesses a spirit of service to society
- Values discipline in their activities.
- Shows responsibility in all its commitments

Habits

- Reading
- Writing
- Orderliness
- Punctuality

THE GRADUATION PROFILE FOR THE MASTER IN INNOVATION AND EDUATIONAL QUALITY

- Adapts and develops study and research methods, to contrast the theoretical results with the reality that it intends to innovate.

- Explains educational problems, based on current educational theories of quality in education.

- It incorporates in a pedagogical way the current information and communication technologies in the processes of innovation and educational quality.

- Works collaboratively and participates in inter- and multidisciplinary academic networks for the development of educational research and innovation projects.

- Respects the members of the educational community as people, attending to their bodily, cognitive, affective and transcendent dimensions.

PROGRAM CURRICULAR LINES

The program has a number of 11 courses that can be taken in a flexible curriculum in 7 school periods.

General Education. It emphasizes the training of the student under the profile of the UPAEP. It has 1 curricular line:

a) Lidership

Professional basic curricular line. It concentrates elementary courses of the curricular project and they are chosen for their multidisciplinary criteria. It has 3 curricular line:

a)   Educational processes

b)   Management and Social Development

c)   Ethics and autonomy

Terminal Curricular line: The purpose of this lies in the development of skills for the preparation of students in their completion and graduation phase of the academic program. It is made up of 1 curricular line:

a) Research

The study plan for the Master in Innovation and Educational Quality is made up of 84 credits and 11 courses; which the student will take a minimum of 1 and a maximum of 3 courses per cycle, covering a minimum of 6 and a maximum of 18 credits per cycle.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

MASTER'S DEGREE IN INNOVATION AND EDUCATIONAL QUALITY
GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS							TH	TC
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	INSTITUTIONAL	HUMAN DEVELOPMENT	Elective Course in Human Development						3	6
INSTRUMENTAL		PROFESSIONAL	PHILOSOPHICAL FOUNDATIONS OF EDUCATION	Contemporary Trends in Education ICE001						3	6
FOUNDATIONAL		PROFESSIONAL	INNOVATION AND EDUCATIONAL QUALITY	Models of Educational Innovation ICE002		Models of Educational Quality ICE005				6	12
SPECIALIZED		ELECTIVE	EDUCATIONAL PROCESSES								
SPECIALIZED		ELECTIVE	MANAGEMENT AND SOCIAL DEVELOPMENT			Elective Course		Elective Course		6	12
SPECIALIZED		ELECTIVE	ETHICS AND AUTONOMY								
SPECIALIZED		CAPSTONE	RESEARCH	Educational Research Methodology ICE003	Academic Communication for Research ICE004	Quantitative Data Analysis ICE006	Qualitative Data Analysis ICE007	Thesis I ICE013	Thesis II ICE014	24	48
		TOTAL								42	84

TC MX	84
TC USA	42

MASTER'S DEGREE IN
PEDAGOGY

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/2667/2019

ACADEMIC PROGRAM PURPOSE

It trains Masters in Pedagogy with an ethical and humanistic vision, based on philosophical, anthropological and psycho-pedagogical foundations, through the reflection of its teaching practice and the valuation and inclusion of the main actors of the educational process in all its stages and modalities, to meet the educational needs of the context in which it operates.

ENTRY PROFILE

Knowledge

- Recognizes the phases of the educational process from its design to its evaluation.

- Distinguishes the need to professionalize their educational practice.

- Identifies social problems related to the educational field.

Abilities and/or skills

- Uses oral and written language effectively.

- Uses teaching, learning and evaluation strategies.

- Establishes interpersonal relationships and collaborative work.

- Shows basic use of technological tools (SCHOOL).

- Manages his/her learning process through technological tools (NOT SCHOOLED).

Attitudes and/or values

- Is committed to the integral development of the human being.

- Is interested in current educational and social needs.

- Possesses a spirit of service to society.

- Values discipline in their activities.

- Writing

- Orderliness

- Punctuality

THE GRADUATION PROFILE FOR THE MASTER IN PEDAGOGY

- Applies the reflective approach in their educational practice to address the complexity of education and its context.

- Employs strategies in educational processes from an inclusive vision, improving learning experiences and relationships of stakeholders in the educational community.

- Contributes to the construction of complex learning by making use of information and communication technology in academic environments.

Transform your teaching practice using intervention plans that solve educational problems in your context.

PROGRAM CURRICULAR LINES

The program has a number of 12 courses that can be taken in a flexible curriculum in 7 school periods.

The redesign in the Master's program focused its attention on only two lines to attend to the professionalization in the areas of teaching and inclusion. The modifications focus on contents that allow responding to the needs in the area of didactics (teaching) and the understanding of concepts related to inclusion that allow the necessary changes in educational institutions.

General Education. It emphasizes the training of the student under the profile of the UPAEP. It has 1 curricular line:

a) Lidership

Professional basic curricular line. It concentrates elementary courses of the curricular project and they are chosen for their multidisciplinary criteria. It has 2 curricular line:

a) Pedagogical foundations

b) Current trends in education

Elective curricular line. It concentrates elementary courses of the curricular project and they are chosen for their multidisciplinary criteria. It has 2 curricular lines:

a) Teaching

b) Inclusion

Terminal Curricular line: The purpose of this lies in the development of skills for the preparation of students in their completion and graduation phase of the academic program. It is made up of 1 curricular line:

a) Research

The study plan for the Master in Pedagogy program is made up of 75 credits and 12 courses; which

the student will take a minimum of 1 and a maximum of 3 courses per cycle, covering a minimum of 6 and a maximum of 18 credits per cycle.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

MASTER'S DEGREE IN PEDAGOGY

GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM LINES							TICH	TOCH	TC
FOUNDATIONAL	INSTITUTIONAL, PROFESSIONAL, AND COURSE	INSTITUTIONAL	EDUCATIONAL LEADERSHIP		Transformational Leadership AYH601							
DISCIPLINARY		PROFESSIONAL	FUNDAMENTALS OF PEDAGOGY	Fundamentals of Education PED601	Contemporary Trends in Education PED602					96	96	12
			CURRENT TRENDS IN EDUCATION		Education Policy PED603			Current Trends in Education Elective		96	96	12
		ELECTIVE	TEACHING			Planning and Assessment of the Learning Process PED604	Comprehension Strategies PED608					
						Curriculum Analysis PED605			Technology Integration in the Learning Process PED610	192	192	24
			INCLUSION			Approaches to Inclusive Education PED606	Vulnerability and Inequality in Education PED609					
						Evaluation and Intervention in Inclusive Scenarios PED607			Changes and Improvements in Inclusive Education PED611			
		CAPSTONE	RESEARCH	Academic Communication and Writing AYH602			Reflection on the Professional Practice AYH603		Transformation of the Professional Practice AYH604	144	192	21
TOTAL				2	2	1	2	2	1	2	576	624	75

TC MX	75
TC USA	38

MASTER'S DEGREE IN
MATHEMATICS EDUCATION

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/2668/2019

ACADEMIC PROGRAM PURPOSE

To train Mathematics Education Masters with an ethical, humanistic vision and with deep disciplinary and pedagogical knowledge, who promote ambitious and equitable teaching, learning and evaluation processes, reflecting on the influence that their teaching practice has on the learning of mathematics, in order to assume themselves as agents of change that respond to the educational needs of students in their context.

ENTRY PROFILE

Knowledge

- Distinguishes elementary math concepts in arithmetic, algebra, geometry and data management.

- Recognizes the development and learning processes of their students.

- Identifies the educational purposes, study contents and didactic approach of the mathematics course program at the level he/she teaches.

Abilities and/or skills

- Uses basic information and communication technologies, such as word processors, Internet browsers and e-mail.

- Communicates ideas effectively orally and in writing.

- Leads teaching, learning and evaluation processes in the course of mathematics in elementary, middle and high school classrooms.

- Plans teaching, learning and evaluation processes in the course of mathematics.

- Works collaboratively in educational and social environments.

Attitudes and/or values

- Assumes teaching as a personal and professional vocation.

- Is aware of the importance of their professionalization for the transformation of their teaching practice.

- Is concerned about the educational needs of their students.

- Values education as a means to meet current social needs.

THE GRADUATION PROFILE FOR THE MASTER IN MATHEMATICS EDUCATION

- Poses and solves complex mathematical problems that involve key concepts of the discipline.

- Reflects on their teaching practice to carry out transformations in the process of teaching, learning and evaluating mathematics that respond to the educational needs of their students in their context.

- Designs and implements ambitious forms of intervention in the classroom that promote mathematical learning with understanding in all its students.

PROGRAM CURRICULAR LINES

The program has a number of 12 courses that can be taken in a flexible curriculum in 7 school periods.

General Education. It emphasizes the training of the student under the profile of the UPAEP. It has 1 curricular line:

a) Lidership

Professional basic curricular line. It concentrates elementary courses of the curricular project and they are chosen for their multidisciplinary criteria. It has 3 curricular line:

a) Mathematical Thinking

b) Mathematics didactics

c) Topics in education

Terminal Curricular line: The purpose of this lies in the development of skills for the preparation of students in their completion and graduation phase of the academic program. It is made up of 1 curricular line:

a) Research

The study plan for the Master in Mathematics Education is made up of 75 credits and 12 courses; which the student will take a minimum of 1 and a maximum of 3 courses per cycle, covering a minimum of 6 and a maximum of 18 credits per cycle.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

MASTER'S DEGREE IN MATHEMATICS EDUCATION
GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS							TICH	TOCH	TC
FOUNDATIONAL	INSTITUTIONAL, PROFESSIONAL, AND COURSE	INSTITUTIONAL	**LEADERSHIP**			Transformational Leadership AYH601				48	48	6
DISCIPLINARY		PROFESSIONAL	**MATHEMATICAL THINKING**	Arithmetic and Algebraic Thinking MEM601	Geometric, Trigonometric, and Analytical Thinking MEM602		Variational Thinking MEM604		Information Literacy and Stochastic Thinking MEM606	192	192	24
			DIDACTICS OF MATHEMATICS		Knowing and Learning in Mathematics MEM603			Mathematical Modeling and Problem Solving MEM605		96	96	12
			TOPICS IN EDUCATION				Planning and Assessment of the Learning Process PED604		Topics in Education Elective	96	96	12
		CAPSTONE	**RESEARCH**	Academic Communication and Writing AYH602				Reflection on the Professional Practice AYH603	Transformation of the Professional Practice AYH604	144	192	21
			TOTAL	2	2	1	2	2	1	2	576	624	75

TC MX	75
TC USA	38

MASTER'S DEGREE IN

FAMILY ORIENTATION AND DEVELOPMENT

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/2669/2019

ACADEMIC PROGRAM PURPOSE

To train Masters in family orientation and development who, from their own reflection, accompany the members of the family in their environment as the basis of society, favoring the personal, socioemotional and healthy development of its members, from a psycho-pedagogical and social approach, with the purpose of promoting transformation in their context through the elaboration of educational projects of orientation at individual, group, community and institutional levels with an ethical and humanistic sense.

ENTRY PROFILE

Knowledge

- Identifies fundamental concepts of family theory.

- Recognizes the essential elements of the educational process.

Abilities and/or skills

- Manages basic computer elements (Word, Power Point, Excel, information search).

- Develops basic communicative processes (oral, written and technological).

- Plans their learning and actions in an autonomous manner.

Attitudes and/or values

- Is aware of the importance of the dignity of the person and of the family as the natural institution.

- Shows a spirit of service to society.

- Is empathetic with collaborative work.

- Perseveres in the achievement of goals.

THE GRADUATION PROFILE FOR THE MASTER IN FAMILY ORIENTATION AND DEVELOPMENT

- Relates the theoretical - practical foundations of the principles and the function of the family, with its guiding action from a pedagogical, philosophical, sociological, psychological and legal perspective with a comprehensive humanistic approach.

- Generate strategies and specific tools for monitoring the family guidance and accompaniment processes.

- Develops psychoeducational projects adapted to current needs, relating its guiding action to the instances of support for the diversity of family problems with an ethical and responsible attitude.

- Generate processes of personal and community improvement, valuing the dignity of the person, the family and their social environment.

PROGRAM CURRICULAR LINES

The program has a number of 12 courses that can be taken in a flexible curriculum in 7 school periods.

This UPAEP postgraduate course allows us to enter an area of professional action from the "orientation" with a psychopedagogical and social approach, where programs focused on family education are developed from the various areas where our graduates develop, allowing reflection, prevention, proposal of real projects with concrete actions at the group level, as well as a first-rate accompaniment in the personal sphere.

General Education. It emphasizes the training of the student under the profile of the UPAEP. It has 1 curricular line:

a) Lidership

Professional basic curricular line. It concentrates elementary courses of the curricular project and they are chosen for their multidisciplinary criteria. It has 1 curricular line:

a) Anthropological and social foundations of the family

Fundamental, disciplinary and professional curricular line. It concentrates elementary courses of the curricular project and they are chosen for their multidisciplinary criteria. It has 4 curricular lines:

a) Professional topics

b) Auxiliary disciplines of family orientation

c) Family psychology

d) Education and family

Terminal Curricular line: The purpose of this lies in the development of skills for the preparation of students in their completion and graduation phase of the academic program. It is made up of 1 curricular line:

a) Research

The study plan for the MA in Counseling and Family Development program is made up of 75 credits and 12 courses; which the student will take a minimum of 1 and a maximum of 3 courses per cycle, covering a minimum of 6 and a maximum of 18 credits per cycle.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

MASTER'S DEGREE IN FAMILY ORIENTATION AND DEVELOPMENT

GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS	Courses							TICH	TOCH	TC
FOUNDATIONAL	INSTITUTIONAL, PROFESSIONAL, AND COURSE	INSTITUTIONAL	LEADERSHIP			Transformational Leadership AYH601					48	48	6
		PROFESSIONAL FOUNDATIONS	ANTHROPOLOGICAL AND SOCIAL FUNDAMENTALS OF THE FAMILY	Fundamentals of Marriage and the Family FAM601							48	48	6
					Contemporary Family and Society FAM602						48	48	6
DISCIPLINARY		PROFESSIONAL	PROFESSIONAL TOPICS						Elective Course		48	48	6
			AUXILIARY DISCIPLINES OF FAMILY GUIDANCE				Family Law FAM604	Family Well-being FAM606			96	96	12
			FAMILY PSYCHOLOGY		Couple, Marriage, and Family Dynamics FAM603					Strategies for Family Orientation FAM607	96	96	12
			EDUCATION AND FAMILY				Family, School, and Society FAM605				48	48	6
		CAPSTONE	RESEARCH	Academic Communication and Writing AYH602				Reflection on the Professional Practice AYH603		Transformation of the Professional Practice AYH604	144	192	21
			TOTAL	2	2	1	2	2	1	2	576	624	75

TC MX	75
TC USA	38

MASTER'S DEGREE IN
HISTORICAL STUDIES

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/01/1246/2015

ACADEMIC PROGRAM PURPOSE

It trains Masters in Historical Studies, with a humanistic sense, who develop research projects, analyzing historical aspects of political, ecclesiastical and artistic order of the Latin American scenario, in order to provide society with trainers and researchers who contribute to the strengthening of the Hispanic American identity and the development of historical science.

ENTRY PROFILE

Knowledge

- Distinguishes the fundamentals of Mexican and Latin American History.

- Recognizes those basic primary sources in historical research.

Abilities and/or skills

- Handles analysis and synthesis tools

- Writes simple texts.

- Uses the English language to communicate in written form.

Attitudes and/or values

- Interest Interest in expanding their historical knowledge.

- Appreciates the importance of research in history.

- Is aware of the importance of reading.

Habits

- Taste for reading

- Proactive

- Search for truth.

THE GRADUATION PROFILE FOR THE MASTER IN HISTORICAL STUDIES

- Intercultural Knowledge and Competence. It innovates the ways and means of seeing, evaluating and interpreting one's own cultural tradition and that of others.

- Creative Thinking. Develops strategies for the implementation, dissemination and evaluation of projects in the cultural field.

- Inquiry and Analysis. Designs and evaluates interdisciplinary cultural management projects.

- Integrative Learning. Consolidate a comprehensive panorama of culture associating knowledge of history, art, literature and philosophy.

- Written Communication. He discursively investigates and expresses his ideas with solid foundations to take a position in the face of the challenges of culture today.

- Global Learning. Interact in a multicultural world from a position of respect and empathy.

PROGRAM CURRICULAR LINES

The program has a number of 13 courses that can be taken in a flexible curriculum in 7 school periods.

General Education. It emphasizes the training of the student under the profile of the UPAEP. It has 1 curricular line:

a) Human development

Professional basic course. It concentrates elementary courses of the curricular project and they are chosen for their multidisciplinary criteria. It has 6 curricular lines:

a) History training and research

b) Civil history

c) Ecclesiastical history

d) History of art

e) History training

f) Historiography

Terminal Course: The purpose of this lies in the development of skills for the preparation of students in their completion and graduation phase of the academic program. It is made up of 1 curricular line:

a) Research

The study plan for the Master in Historical Studies is made up of 87 credits and 13 courses; which the student will take a minimum of 1 and a maximum of 3 courses per cycle, covering a minimum of 6 and a maximum of 18 credits per cycle.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

MASTER'S DEGREE IN HISTORICAL STUDIES
GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS							TH	TC
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	INSTITUTIONAL	HUMAN DEVELOPMENT	Leadership and Service Mission HUM560	Man and History HIS001					5	12
FOUNDATIONAL		PROFESSIONAL	DEVELOPMENT AND RESEARCH IN HISTORY			History Didactics HIS002	Trends in Contemporary Historiography HIS003			6	12
			CIVIL HISTORY	Latin America During the Spanish Rule HIS004	Independent Latin America HIS005					6	12
			ECCLESIASTICAL HISTORY	History of the Evangelization of Latin America HIS006	The Church and the New Nation-States HIS007					6	12
			ART HISTORY			Latin American Art Styles HIS008	History of Latin American Literature HIS009			6	12
SPECIALIZED		ELECTIVE	HISTORY TRAINING					Communication and Educational Technology TEED001	Cognitive Aspects of History Learning HIS010	Teaching, Learning, and Assessment Strategies PED006	12	27
										Project Management Seminar PED022		
			HISTORIOGRAPHY					Historical Research Seminar HIS011	Master's Thesis I TEM011	Historical Document Analysis HIS012		
										Master's Thesis II TEM012		
			TOTAL	3	3	1	2	2	1	2	41	87

TC MX 87
TC USA 44

MASTER'S DEGREE IN
EDUCATION AND HUMAN DEVELOPMENT

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/2670/2019

ACADEMIC PROGRAM PURPOSE

It trains Masters in Human and Educational Development, with an ethical and humanistic sense, who promote accompaniment strategies oriented to the development and integration of socioemotional skills, through the analysis of the approaches to human development and education, in order to promote both personal and group growth, coexistence and improvement of interpersonal relationships in educational environments.

ENTRY PROFILE

Knowledge

- Recognizes the characteristics and potentialities of the human being as an individual and as a member of a society.

- Identifies social and educational problems related to the development of the human being.

- Recognizes human development as a starting point for the improvement of interpersonal relationships.

Abilities and/or skills

- Works collaboratively in educational and social environments.

- Manages their learning process through technological tools.

- Uses oral and written language in a structured way to share ideas.

Attitudes and/or values

- Assumes his/her profession as a personal and professional vocation.

- Is committed to the integral development of the human being.

- Is aware of the importance of human development, in the educational, community and social spheres.

Habits

- Reading habits.

- Habit of organization.

- Habit of reflection on their practice.

THE GRADUATION PROFILE FOR THE MASTER IN EDUCATION AND HUMAN DEVELOPMENT

- Integrate human development approaches to educational processes, considering the school, family and social environments in which it is immersed.

- Generates support strategies to promote personal and / or group growth, attending to the development of socio-emotional skills.

- Transform your educational practice starting from processes of personal and professional reflection.

PROGRAM CURRICULAR LINES

The program has a number of 12 courses that can be taken in a flexible curriculum in 7 school periods.

General Education. It emphasizes the training of the student under the profile of the UPAEP. It has 1 curricular line:

a) Educational lidership

Professional basic course. It concentrates elementary courses of the curricular project and they are chosen for their multidisciplinary criteria. It has 3 curricular line:

a) Fundamentals of human development in education

b) Accompaniment in training processes

c) Human Development in educational settings

Terminal Course: The purpose of this lies in the development of skills for the preparation of students in their completion and graduation phase of the academic program. It is made up of 1 curricular line:

a) Research

The study plan for the Master in Human and Educational Development is made up of 75 credits and 12 courses; which the student will take a minimum of 1 and a maximum of 3 courses per cycle, covering a minimum of 6 and a maximum of 18 credits per cycle.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

MASTER'S DEGREE IN EDUCATION AND HUMAN DEVELOPMENT

GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS								TICH	TOCH	TC
FOUNDATIONAL	INSTITUTIONAL, PROFESSIONAL, AND COURSE	INSTITUTIONAL	EDUCATIONAL LEADERSHIP			Transformational Leadership AYH601					48	48	6
		PROFESSIONAL FOUNDATIONS	FUNDAMENTALS OF HUMAN DEVELOPMENT IN EDUCATION	Fundamentals of Education PED601	Fundamentals of Human Development DHE601						96	96	12
DISCIPLINARY		PROFESSIONAL	ACCOMPANIMENT IN TRAINING PROCESSES		Emotional Education DHE602		Accompaniment Strategies in Training Processes DHE603				96	96	12
			HUMAN DEVELOPMENT IN THE FIELD OF EDUCATION				Human Development and Education Theories DHE604	Educational Intervention DHE605	Elective Course in Human Development in the Field of Education	Professional Ethics in Education DHE606	192	192	24
		CAPSTONE	RESEARCH	Academic Communication and Writing AYH602				Reflection on the Professional Practice AYH603		Transformation of the Professional Practice AYH604	144	192	21
	TOTAL			2	2	1	2	2	1	2	576	624	75

TC MX	75
TC USA	38

MASTER'S DEGREE IN
LEADERSHIP AND EDUCATIONAL MANAGEMENT

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/2671/2019

ACADEMIC PROGRAM PURPOSE

It trains Masters in Leadership and Educational Management, with ethical and humanistic sense, who lead multidisciplinary teams in educational institutions, through the management of organizational processes where the global, strategic and technological vision is involved with the generation of added value, to promote and renew organizations from a focus on quality and service to the community.

ENTRY PROFILE

Knowledge

- Identifies administrative concepts.

- Recognizes social aspects of education.

- Distinguishes basic concepts of mathematics.

Abilities and/or skills

- Uses oral and written language to communicate with his/her team.

- Performs strategic planning in their work context.

- Works collaboratively.

- Makes proposals for the solution of problems.

Attitudes and/or values

- Is committed to quality service.

- Reacts positively to change.

- Appreciates the responsibility of their actions in the service to the community.

- Respects the ideas of his work team.

Habits

- Habit of independent study and autonomous work.

- Openness to continuous learning

- Habit of effective communication

THE GRADUATION PROFILE FOR THE MASTER IN LEADERSHIP AND EDUCATIONAL MANAGEMENT

- Support in the development of the socio-affective and academic professional environment

- Execute mechanisms of evaluation and intervention in the organization of the institution

- Build a systemic and future vision for the institution it manages, generating improvement and growth projects for the institution and the people under its charge.

- Apply educational projects of different sectors and sizes, both local and national.

PROGRAM CURRICULAR LINES

The program has a number of 12 courses that can be taken in a flexible curriculum in 7 school periods.

General Education. It emphasizes the training of the student under the profile of the UPAEP. It has 1 curricular line:

a) Lidership

Professional basic course. It concentrates elementary courses of the curricular project and they are chosen for their multidisciplinary criteria. It has 2 curricular line:

a) Pedagogical foundations

b) Current trends in education

Elective course. It concentrates elementary courses of the curricular project and they are chosen for their multidisciplinary criteria. It has 2 curricular lines:

a) Teaching

b) Inclusion

Terminal Course: The purpose of this lies in the development of skills for the preparation of students in their completion and graduation phase of the academic program. It is made up of 1 curricular line:

a) Research

The study plan for the Master in Educational Leadership and Management program is made up of 75 credits and 12 courses; which the student will take a minimum of 1 and a maximum of 3 courses per cycle, covering a minimum of 6 and a maximum of 18 credits per cycle.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

MASTER'S DEGREE IN LEADERSHIP AND EDUCATIONAL MANAGEMENT

GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS							TICH	TOCH	TC
FOUNDATIONAL	INSTITUTIONAL, PROFESSIONAL AND SUBJECT	INSTITUTIONAL	EDUCATIONAL LEADERSHIP			Transformational Leadership AYH601				48	48	6
		PROFESSIONAL FOUNDATIONS	LEADERSHIP AND MANAGEMENT	Leadership and Talent Management LGE601						48	48	6
					Financial Decision-Making LGE602					48	48	6
DISCIPLINARY		PROFESSIONAL	PLANNING AND MANAGEMENT			Political, Economic, and Social Aspects of Education LGE603	Strategic Planning LGE605	Leadership and Management Elective		144	144	18
					Learning Planning and Assessment PED604	Administration and Management of Educational Institutions LGE604			Educational Evaluation and Supervision LGE606	144	144	18
		CAPSTONE	RESEARCH	Academic Communication and Writing AYH602			Reflection on the Professional Practice AYH603		Transformation of the Professional Practice AYH604	144	192	21
		TOTAL		2	2	1	2	2	1	2	**576**	**624**	**75**

TC MX	75
TC USA	38

MASTER'S DEGREE IN
EDUCATION

MODALITY: Grounded education

CAMPUS: TEHUACÁN

RVOE: SEP-SES/21/156/04/1715/2017

ACADEMIC PROGRAM PURPOSE

It trains Masters in Education with a humanistic approach and transformational leadership based on philosophical, sociological, pedagogical and psycho-pedagogical foundations that contribute to the solution of educational problems in different contexts, integrating the elements of the educational process and its link with the main actors of this, to develop proposals for intervention from its design to its evaluation and thus influence the formation of society.

ENTRY PROFILE

Knowledge

- Identifies the theoretical references of education.

- Recognizes the fundamentals of the educational process.

- Analyzes the educational needs of their environment.

Abilities and/or skills

- Builds social and interpersonal relationships taking into account the contexts.

- Demonstrates collaborative and interdisciplinary work in their area of work.

- Manages basic computer software.

Attitudes and/or values

- Is interested in the integral development of people.

- Is inclined to give service to others.

- Is concerned about research on topics related to education.

Habits

- Active participation in problem solving.

- Punctuality.

- Inquiry of the truth.

THE GRADUATION PROFILE FOR THE MASTER IN EDUCATION

- Evaluates the educational process in formal and non-formal settings.

- Generates educational intervention projects that meet specific needs of the environment.

- Solves educational needs based on research.

- Applies educational strategies according to the level of concreteness addressed.

- Generates creative learning spaces that promote the use of technologies applied to education.

- Develops orientation and tutoring programs according to the needs of each student.

- Performs educational management in support of teaching.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

MASTER'S IN EDUCATION
GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS		H	C					TH	TC
INSTRUMENT	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	INSTITUTIONAL	LEADERSHIP	Leadership and Service Mission HUM001							3	5
BASIC		PROFESSIONAL FOUNDATIONS	EDUCATION FUNDAMENTALS	Theories of Education EDU102	Educational Policy EDU103	3	4	Educational Orientation EDU104			9	12
			EDUCATIONAL TECHNOLOGY AND TEACHING		Use of Technology in Educational Processes EDU105	3	4	Teaching Talent Management EDU106			6	8
SPECIALIZED		PROFESSIONAL	EDUCATIONAL PROCESS MANAGEMENT					Creative Development of Learning Environments EDU203		Strategic Management of Educational Centers EDU204	6	10
			ORIENTATION AND EDUCATIONAL DEVELOPMENT					Learning and Teaching Management EDU205		Tutoring Process EDU206	6	9
			CURRICULUM AND TEACHING					Curricular Processes EDU207	Curricular Innovation EDU208	Educational Evaluation EDU209	9	13
		CAPSTONE	INTEGRATION							Current Topics in Education EDU303	3	4
			RESEARCH							Research Methodology INV001 / Pre-Graduation Seminar EDU304	6	15
TOTAL				2	2	6	8	2	2	2	48	76

TC MX 76
TC USA 38

MASTER'S DEGREE IN
EDUCATIONAL TECHNOLOGY

MODALITY: Semi-grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/2665/2019

ACADEMIC PROGRAM PURPOSE

It trains Masters in Educational Technology with an ethical and humanistic approach that design, develop and implement educational projects supported by digital technology in different educational environments, through the incorporation of models, methodologies and innovative teaching strategies, to generate significant learning and academic performance supported by technological resources.

ENTRY PROFILE

Knowledge

- Identifies basic technology and internet skills such as searching and selecting information as well as office automation and using digital media for communication.

- Describes the importance of using technology in learning.

Abilities and/or skills

- Demonstrates proficiency in the use of digital technologies general technological devices.

- Applies assertive analysis on didactic material, focusing on the media and resources used in teaching and learning in different educational modalities.

Attitudes and/or values

- Shows responsibility and honesty.

- Acts with disposition for teamwork.

- Appreciates participation and collaboration in the teaching, learning and evaluation process.

- Values creativity and the spirit of service to society.

THE GRADUATION PROFILE FOR THE MASTER IN EDUCATIONAL TECHNOLOGY

- Applies educational technology in academic environments to generate innovative learning environments.

- Develops creativity and critical thinking through the use of technological tools in search of the responsible use of technology in society.

- Evaluates the impact of technological tools through the use of cutting-edge models and methodologies within educational processes.

- Manages the innovative design of didactic proposals supported by digital technologies with multidisciplinary teams in different areas and educational modalities of

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

MASTER'S DEGREE IN EDUCATIONAL TECHNOLOGY

SEMI-GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS							TICH	TOCH	TC
FOUNDATIONAL	INSTITUTIONAL, PROFESSIONAL, AND COURSE	INSTITUTIONAL	**LEADERSHIP**			Transformational Leadership AYH601M				16	80	6
		PROFESSIONAL FOUNDATIONS	**FUNDAMENTALS OF TECHNOLOGY IN EDUCATION**	Educational Technology TEED101	Technology Mediated Teaching Models TEED102					32	160	12
DISCIPLINARY		PROFESSIONAL	**PEDAGOGY**		Tutoring Management TEED103		Technology Integration in the Curriculum TEED104		Elective Course in Professional Topics	48	240	18
			TECHNOLOGY				Design and Production of Educational Applications TEED105	Techno-Pedagogical Design TEED106	Virtual Learning Environments TEED107	48	240	18
		CAPSTONE	**RESEARCH**	Academic Communication and Writing AYH602M				Reflection of the Professional Practice AYH603M	Transformation of the Professional Practice AYH604M	48	288	21
			TOTAL	3	3	1	2	3	1	2	192	1008	75

TC USA	75
TC USA	38

MASTER'S DEGREE IN
EDUCATIONAL TECHNOLOGY

MODALITY: Online education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/01/2728/2019

ACADEMIC PROGRAM PURPOSE

It trains Masters in Educational Technology with an ethical and humanistic approach that design, develop and implement educational projects supported by digital technology in different educational environments, through the incorporation of models, methodologies and innovative teaching strategies, to generate significant learning and academic performance supported by technological resources.

ENTRY PROFILE

Knowledge

- Identifies basic technology and internet skills such as searching and selecting information as well as office automation and using digital media for communication.

- Describes the importance of using technology in learning.

Abilities and/or skills

- Demonstrates proficiency in the use of digital technologies general technological devices.

- Applies assertive analysis on didactic material, focusing on the media and resources used in teaching and learning in different educational modalities.

Attitudes and/or values

- Shows responsibility and honesty.

- Acts with disposition for teamwork.

- Appreciates participation and collaboration in the teaching, learning and evaluation process.

- Values creativity and the spirit of service to society.

THE GRADUATION PROFILE FOR THE MASTER IN EDUCATIONAL TECHNOLOGY

- Applies educational technology in academic environments to generate innovative learning environments.

- Develops creativity and critical thinking through the use of technological tools in search of the responsible use of technology in society.

- Evaluates the impact of technological tools through the use of cutting-edge models and methodologies within educational processes.

- Manages the innovative design of didactic proposals supported by digital technologies with multidisciplinary teams in different areas and educational modalities of

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

MASTER'S DEGREE IN EDUCATIONAL TECHNOLOGY

ONLINE EDUCATION

COMPETENCIES	CORE	CURRICULUM AREAS							TICH	TOCH	TC
INSTITUTIONAL, PROFESSIONAL, AND COURSE	INSTITUTIONAL	**LEADERSHIP**			Transformational Leadership AYH601M				0	96	6
	PROFESSIONAL FOUNDATIONS	**FUNDAMENTALS OF TECHNOLOGY IN EDUCATION**	Educational Technology TEED101	Technology Mediated Teaching Models TEED102					0	192	12
	PROFESSIONAL	**PEDAGOGY**		Tutoring Management TEED103		Technology Integration in the Curriculum TEED104		Elective Course in Professional Topics	0	288	18
	PROFESSIONAL	**TECHNOLOGY**				Design and Production of Educational Applications TEED105	Techno-Pedagogical Design TEED106	Virtual Learning Environments TEED107	0	288	18
	CAPSTONE	**RESEARCH**	Academic Communication and Writing AYH602M				Reflection of the Professional Practice AYH603M	Transformation of the Professional Practice AYH604M	0	336	21
			2	2	1	2	2	1	2	0	1200	75

TC MX	75
TC USA	38

MASTER'S DEGREE IN
PEDAGOGY

MODALITY: Online education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/01/2710/2019

ACADEMIC PROGRAM PURPOSE

It trains Masters in Pedagogy with an ethical and humanistic vision, based on philosophical, anthropological and psycho-pedagogical foundations, through the reflection of its teaching practice and the valuation and inclusion of the main actors of the educational process in all its stages and modalities, to meet the educational needs of the context in which it operates.

ENTRY PROFILE

Knowledge

- Recognizes the phases of the educational process from its design to its evaluation.

- Distinguishes the need to professionalize their educational practice.

- Identifies social problems related to the educational field.

Abilities and/or skills

- Uses oral and written language effectively.

- Uses teaching, learning and evaluation strategies.

- Establishes interpersonal relationships and collaborative work.

- Manages their learning process through technological tools.

Attitudes and/or values

- Is committed to the integral development of the human being.

- Is interested in current educational and social needs.

- Possesses a spirit of service to society.

- Values discipline in their activities.

THE GRADUATION PROFILE FOR THE MASTER IN PEDAGOGY

- Applies a reflective approach in their educational practice to address the complexity of education and its context.

- Employs strategies in educational processes from an inclusive vision to improve learning experiences and the relationships of the actors of the educational community.

- Contributes to the construction of complex learning by making pedagogical use of information and communication technology in academic environments.

- Transforms their teaching practice, using intervention plans that solve educational problems in their context.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

MASTER'S DEGREE IN PEDAGOGY

ONLINE EDUCATION

COMPETENCIES	CORE	CURRICULUM LINES								TICH	TOCH	TC
INSTITUTIONAL, PROFESSIONAL, AND COURSE	INSTITUTIONAL	EDUCATIONAL LEADERSHIP			Transformational Leadership AYH601					0	96	6
	PROFESSIONAL	FUNDAMENTALS OF PEDAGOGY	Fundamentals of Education PED601	Contemporary Trends in Education PED602						0	192	12
		CURRENT TRENDS IN EDUCATION	Education Policy PED603					Current Trends in Education Elective		0	192	12
	ELECTIVE	TEACHING			Planning and Assessment of the Learning Process PED604	Comprehension Strategies PED608						
					Curriculum Analysis PED605			Technology Integration in the Learning Process PED610		0	384	24
		INCLUSION			Approaches to Inclusive Education PED606	Vulnerability and Inequality in Education PED609						
					Evaluation and Intervention in Inclusive Scenarios PED607			Changes and Improvements in Inclusive Education PED611				
	CAPSTONE	RESEARCH	Academic Communication and Writing AYH602			Reflection on the Professional Practice AYH603		Transformation of the Professional Practice AYH604		0	336	21
		TOTAL	2	2	1	2	2	1	2	0	1200	75

TC MX	75
TC USA	38

Note: Students choose one of the two elective areas (Teaching and Inclusion) and take the four corresponding courses, as presented in the map, excluding the courses from the other area.

MASTER'S DEGREE IN
PASTORAL INNOVATION

MODALITY: Online education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/01/1253/2015

ACADEMIC PROGRAM PURPOSE

Form Masters in Pastoral Innovation capable of channeling processes of integral human development with a solid human and spiritual vision, through a theological-pastoral approach based on dialogue, collaboration and intercultural participation in communities of learning and service for the archdioceses, to promote social intervention projects in favor of peace, respect and justice.

Knowledge

- Reflects on human beings and their needs.

- Identifies the most relevant social problems.

- Recognizes the basic elements of biblical and ecclesiastical language.

- Distinguishes the emerging cultural and religious elements.

Abilities and/or skills

- Is mentally and affectively sensitive to the needs of others.

- Engages in dialogue for unity, peace and justice.

- Examines the diversity of religious symbols and beliefs.

- Demonstrates basic research and innovation skills.

Attitudes and/or values

- Is interested in life, faith and social engagement.

- Is inclined toward leadership and mission of service.

- Values religious experience.

- Is interested in theological-pastoral research.

Habits

- Considers culture as a source of growth.

- Habit of observation and reflection

- Habit of independent study and autonomous work.

THE GRADUATION PROFILE FOR THE
MASTER IN PASTORAL INNOVATION

- Manages pastoral processes of discernment and personal accompaniment.

- Designs formative itineraries appropriate to personal and community needs.

- Plans assistance, promotion and development programs in the community.

- Exercises leadership in his community in favor of peace and social development.

- Manages strategic solutions in concrete pastoral situations.

- Executes innovative pastoral projects.

- Develops pastoral communication campaigns with the support of new technologies.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

MASTER'S DEGREE IN PASTORAL INNOVATION

ONLINE EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS					TC
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	INSTITUTIONAL	HUMAN DEVELOPMENT	Integral Human Development and Mission PAS001		Leadership and Service Mission HUM560		13
INSTRUMENTAL		INSTITUTIONAL	THEOLOGICAL-PASTORAL METHODOLOGY	Theological Synthesis PAS002	Pastoral Synthesis PAS003			12
FOUNDATIONAL		PROFESSIONAL	PLANNING AND LEADERSHIP			Elective Course in Planning and Leadership		6
FOUNDATIONAL		PROFESSIONAL	COMMUNITY INTERVENTATION AND INNOVATION				Elective Course in Community Intervention and Innovation	6
FOUNDATIONAL		PROFESSIONAL	COMMUNICATION				Elective Course in Communication	6
SPECIALIZED		ELECTIVE	PLANNING AND LEADERSHIP			Analysis of Reality and Pastoral Action PAS005	Pastoral Planning, Innovation, and Mission PAS006 — Innovative Pastoral Project Management PAS007	18
SPECIALIZED		ELECTIVE	COMMUNITY INTERVENTATION AND INNOVATION			Intercultural Dialogue and Participation PAS008	Pedagogy of Action and Innovation PAS009 — Church, Community, and Mission PAS010	
SPECIALIZED		CAPSTONE	RESEARCH SEMINAR	Research Seminar I: Self-Discernment PAS011			Research Seminar II: Accompaniment PAS012	14
		TOTAL						75

TC MX	75
TC USA	38

MASTER'S DEGREE IN

FAMILY SCIENCES

MODALITY: Online education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/01/1266/2015

ACADEMIC PROGRAM PURPOSE

It trains Masters in Family Sciences, promoters and managers of the family as a fundamental element of society; prioritizing the personal, social, educational, economic, legal, technological and political nature of the family; with the purpose of demonstrating the influence of the quality of the family environment in the marital relationship and the education of children and its impact on social welfare.

ENTRY PROFILE

Knowledge

- Generalizes the theoretical foundations of the sciences related to the family.

- Describes the basic elements of the humanities with emphasis on anthropology, education and areas related to family and marriage.

- Recognizes current problems related to family sciences.

- Identifies the constitutive elements of the family, marriage and their needs.

Abilities and/or skills

- Observes the needs of family members both in general and in particular.

- Manifest ability to manage human relationships and service to others.

- Manages educational and communication technologies in virtual educational environments.

- Develops innovative proposals and formative processes related to family and marriage.

Attitudes and/or values

- Is interested in having a critical vision of the phenomena related to family and marriage.

- Initiative and creativity.

- Shows responsibility and commitment to the learning process and the topics related to family sciences.

Habits

- Keeps up to date on topics related to family sciences.

- Self-regulated learning and openness to online learning.

- Critical and reasoned reading.

- Time organization.

THE GRADUATION PROFILE FOR THE MASTER IN FAMILY SCIENCES

- Collaborates in a coordinated manner in interdisciplinary teams, to meet the needs and problems in the areas in which families in general and their members in particular develop.

- Generates in different environments, necessary conditions that promote anthropological, legal, economic and social principles related to family and marriage.

- Diagnoses, designs, develops and applies research processes and methods related to the education of children, the media and ethics related to the family.

- Shows initiative and innovation in dealing with families in their different environments such as social, political, cultural and educational, being creative, transformative and formative.

- Critically evaluates contemporary perspectives related to family sciences.

- Promotes the publication, dissemination and application of their projects and research on the family and marriage, both to specialized and non-specialized audiences.

- Exercises autonomous and continuous learning on disciplines related to the family.

- Uses technology as a tool for continuous learning and professional performance.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

MASTER'S DEGREE IN FAMILY SCIENCES
ONLINE EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS						TC
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	INSTITUTIONAL	**HUMAN PERSON**	Fundamentals of Anthropolgy CPF001					5
				The Essence of Human Love CPF002					5
				Affectivity CPF003					5
FOUNDATIONAL		PROFESSIONAL FOUNDATIONS	**SEXUALITY**		Physiology of Sexuality CPF100				4
					Anthropology of Human Sexuality CPF101				4
					Sexuality CPF102				4
		PROFESSIONAL	**MARRIAGE**			Legal Dimensions of Marriage CPF200			4
						Anthropology of Marriage CPF201			4
						Family and Marriage Counseling CPF202			4
SPECIALIZADED			**FAMILY AND ITS ENVIRONMENT**				Family and Economy CPF203	Family and Communications Media CPF204	8
							Bioethics and the Family CPF205	Family and the Sociopolitical Environment CPF206	8
			FAMILY EDUCATION					Anthropology of Childhood CPF207	4
								Children's Education CPF208	4
			PROFESSIONAL TOPICS				Elective Course	Elective Course	8
		CAPSTONE	**RESEARCH**					Integration Seminar MEL715	6
		TOTAL							77

TC MX	77
TC US	39

MASTER'S DEGREE IN
EDUCATIVE INNOVATION

MODALITY: Online education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/1718/2017

ACADEMIC PROGRAM PURPOSE

To train Masters in Educative Innovation, from an ethical and humanistic approach, who develop competencies in the design and implementation of innovative strategies in the disciplines of Humanities and Social Sciences, Mathematics, Communication and Language, Experimental Sciences and Special Education at any educational level, through the integration of technology, the application of practices aimed at self-directed learning, the analysis of new models and educational environments, to meet the challenges in the integral formation of current generations.

ENTRY PROFILE

Knowledge

- Recognizes information and communication technologies in virtual environments.

- Distinguishes the axiological principles of the course he/she teaches.

- Analyzes innovative training processes.

- Distinguishes the main 2.0 tools, the elements to navigate on the Internet as well as the different office tools.

- Recognizes the elements and general characteristics, needs, interests and determining environments of the development of their students in the formative process.

Abilities and/or skills

- Shows ability in problem solving in the face of a given learning situation.

- Navigates the Internet and interacts in social networks.

- Shows ability in the management of groups in their educational work.

- Demonstrates ability in the educational planning process.

- Exercises leadership in decision making.

Attitudes and/or values

- Respects the human person in his/her dignity and freedom.

- Shows attitude of service.

- Shows interest in community projects in schools, companies and institutions.

- Shows attitude of collaboration and openness to change.

Habits

- Reading habits.
- Study habits.
- Time management.
- Methodical work.

THE GRADUATION PROFILE FOR THE MASTER IN EDUCATIONAL INNOVATION

- Decodes knowledge in virtual and digital learning environments, for the development of logical thinking.

- Manages skills and knowledge through the use of technologies for learning and empowerment.

- Develops digital materials with pedagogical approach, to innovate their teaching practice.

- Uses new trends in education for the planning of educational strategies.

- Implements innovative strategies in the learning process to improve the educational quality of their context.

- Promotes the use of communication codes in digital media for students.

- Implements innovative projects of meaningful learning.

- Promotes collaborative learning in the discipline where he/she performs his/her educational work.

- Applies innovative educational strategies, integrating Learning and Knowledge Technologies (LKT) in disciplines such as Humanities and Social Sciences, Mathematics, Language and Communication, Experimental Sciences and Special Education.

- Plans innovative educational processes, based on current educational trends and policies in their educational context.

- Values the student as an integral being and with competencies to develop, respecting functional diversity.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

MASTER'S DEGREE IN EDUCATIONAL INNOVATION
ONLINE EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS							TC
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY, AND COURSE	INSTITUTIONAL	HUMANIST FORMATION	Mission, Service, and Leadership HUM001						7
FOUNDATIONAL		PROFESSIONAL FOUNDATIONS	PSYCHOPEDAGOGY	Philosophy and Human Development WED100	Cognitive Development WED101					12
					Pedagogical Approaches and Teacher Training Models WED102	Inclusive Education WED103				12
		PROFESSIONAL	EDUCATIONAL INNOVATION			Trends in Education and Educational Policy WED200				6
							Innovative Strategies in the Learning Process WED201	Technologies for Learning and Empowerment I WED202	Technologies for Learning and Empowerment II WED203	18
		ELECTIVE	MATH				Development of Mathematical Logical Thinking WED300	Strategies for Teaching Mathematics WED301	Didactics Applied to Mathematics WED302	18
			COMMUNICATION AND LANGUAGE				Communication and Language Development WED303	Strategies for Teaching Communication and Language WED304	Didactics Applied to Communication and Language WED305	
			EXPERIMENTAL SCIENCES				Development of Scientific Thinking and Reasoning WED306	Strategies for Teaching Experimental Sciences WED307	Didactics Applied to Experimental Sciences WED308	18
			SOCIAL SCIENCES AND HUMANITIES				Development of Sociocultural and Philosophical Thinking WED309	Strategies for the Teaching of Social Sciences and Humanities WED310	Didactics Applied to Social Sciences and Humanities WED311	
			INCLUSIVE EDUCATION				Functional Diversity WED312	Intellectual Functional Diversity WED313	Sensory and Motor Functional Diversity WED314	
SPECIALIZED		CAPSTONE	RESEARCH						Integration Seminar MEL400	6
		TOTAL		2	2	2	2	2	1	79

TC MX	79
TC US	40

MASTER'S DEGREE IN
VIRTUAL EDUCATION DESIGN AND MANAGEMENT

MODALITY: Online education

CAMPUS: PUEBLA

RVOE: 20200019

ACADEMIC PROGRAM PURPOSE

To train Masters in Virtual education design and management, from an ethical and humanistic approach, who develop digital teaching competencies, through the design, implementation and evaluation of programs in Virtual Education and with the management and integration of technologies to education, to meet educational challenges, satisfy current training needs and provide comprehensive advice to institutions and companies.

Knowledge

- Recognizes Information and Communication Technologies (ICT), elements to navigate the Internet and Office functions.

- Recognizes web 2.0 tools in educational environments.

- Analyzes the main characteristics of social networks.

- Distinguishes the different virtual educational environments.

Abilities and/or skills

- Displays skills to navigate the internet or the web.

- Interacts in groups in an active way.

- Shows decision-making skills in certain situations.

- Manages basic virtual learning environments.

Attitudes and/or values

- Shows service attitude.

- Is concerned about promoting the ethical use of the Internet and its applications.

- Shows leadership attitude.

THE GRADUATION PROFILE FOR THE MASTER IN VIRTUAL EDUCATIO DESIGN AND MANAGEMENT

- Integrates computer skills and knowledge related to the use of technology in education with his professional experience.

- Designs proposals and educational strategies to carry out projects in Virtual Education.

- Develops digital teaching materials, to apply them in the virtual context in which he/she works.

- Manages and interprets communication codes in digital media, to manage support systems in Virtual Education.

- Implements projects that involve the use of Technologies for Learning and Knowledge (TAC), promoting research in design or consulting in Virtual Education.

- Generates and implements strategies in virtual and digital learning environments, to promote the educational quality of its context.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

MASTER'S DEGREE IN DESIGN AND MANAGEMENT IN VIRTUAL EDUCATION

ONLINE EDUCATION

COMPETENCIES: INSTITUTIONAL, DISCIPLINARY, AND COURSE

CORE	CURRICULUM AREAS	Courses			TICH	TOCH	TC
INSTITUTIONAL	HUMANIST FORMATION	Mission, Service, and Leadership HUM001			7	105	7
PROFESSIONAL FOUNDATIONS	VIRTUAL EDUCATION	Fundamentals of Virtual Education MEL100			7	105	7
PROFESSIONAL FOUNDATIONS	EDUCATIONAL INNOVATION	Technology for Learning and Knowledge MEL101	Paradigm Shift in Education Agents MEL102		14	210	14
PROFESSIONAL	VIRTUAL EDUCATION	Virtual Training Spaces MEL200	Quality and Ethics in Virtual Education MEL201		14	210	14
PROFESSIONAL	VIRTUAL EDUCATION		Systemic Design for Virtual Education MEL202		7	105	7
PROFESSIONAL	EDUCATIONAL INNOVATION	Management of Multimedia Resources in Education MEL203	Teaching in Virtual Education MEL204		14	210	14
ELECTIVE	DESIGN AND MANAGEMENT OF VIRTUAL EDUCATION COURSES	Management and Student Support Systems MEL300	Training Programs Design MEL301	Selected Topics in Training Management and Instructional Design MEL302	21	315	21
ELECTIVE	CONSULTING IN VIRTUAL EDUCATION	Virtual Education Consulting MEL303	Intervention Strategies in Virtual Education MEL304	Selected Topics in Virtual Education Consulting MEL305			
CAPSTONE	RESEARCH			Integration Seminar MEL400	28	84	7
		2 2 2 2 2 1 2			112	1344	91

TC MX 91
TC USA 46

DOCTORATE DEGREE IN
EDUCATION

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/01/1270/2015

ACADEMIC PROGRAM PURPOSE

It trains Doctors of Education committed to quality, from a humanistic, innovative, prospective and transcendent vision, through the integration of different scientific methodologies, with the purpose of designing, developing and evaluating research from an interdisciplinary and multidisciplinary approach that promotes the improvement of education.

ENTRY PROFILE

Knowledge

- Analyzes by means of statistical concepts problems related to education.

- Argues his writings and discourse of the current disciplines that study educational phenomena.

- Critically compares the main educational currents

- Identifies the relevant bibliography on the thematic area in which the interest of his/her research is located.

- Analyzes academic texts in English in the educational area.

Abilities and/or skills

- Manages mathematical and statistical reasoning.

- Applies reasoning, analysis and synthesis skills to solve problems in the field of education.

- Argue in writing and orally their ideas.

- Evaluates scientific-pedagogical texts.

- Designs educational research projects based on conceptual management.

- Manages approaches, methods, techniques and elementary instruments of educational research.

Attitudes and/or values

- Assume with responsibility their commitments.

- Shows a favorable attitude towards research.

- Confronts with interest, sensitivity and reflection the reality of social, political and economic movements that have an impact on education.

- Works individually and collaboratively.

- Is independent and self-regulated.

- Values service to others.

Habits

- Reading and writing

- Punctuality

- Observation and reflection.

THE GRADUATION PROFILE FOR THE DOCTOR IN EDUCATION

- Constructs theoretical, global and coherent explanations from research methods that generate knowledge, to solve educational problems.

- Integrates creative, divergent, critical and reflective thinking in the research processes that it develops.

- Innovate, individually or as a team, the various resources used in the educational research processes in which it participates.

- Respect everyone involved in the research processes, recognizing them as people in their bodily, cognitive, affective and transcendent dimensions.

- Develops educational research, in which respect for cultural and theoretical diversity in interdisciplinary and transdisciplinary environments is assumed.

PROGRAM CURRICULAR LINES

The program has a number of 14 courses that can be taken in a flexible curriculum in 8 school periods.

The academic program was developed based on the requirements of the industry / organizations / government / corporations education of graduates with professional competencies in the area of education.

General Education. It emphasizes the training of the student under the profile of the UPAEP. It has 1 curricular line:

a) Human Development

Professional basic curricular line. It concentrates elementary courses of the curricular project and they are chosen for their multidisciplinary criteria. It has 4 curricular line:

a) Educational streams

b) Education

c) Ethics and autonomy

d) Educational processes

e) Management and social development

Terminal Curricular line: The purpose of this lies in the development of skills for the preparation of students in their completion and graduation phase of the academic program. It is made up of 1 curricular line:

a) Research

The study plan for the PhD in education is made up of 106 credits and 14 courses; which the student will take a minimum of 1 and a maximum of 3 courses per cycle, covering a minimum of 6 and a maximum of 18 credits per cycle.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

DOCTORATE DEGREE IN EDUCATION

GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS								TH	TC
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	INSTITUTIONAL	**HUMAN DEVELOPMENT**			Ethics and Leadership in Education EDU003					3	6
			EDUCATIONAL TRENDS	Contemporary Educational Trends EDU001							2	4
		PROFESSIONAL	**EDUCATION**			Education Policy EDU005			Current Trends in Educational Innovation EDU009		4	8
FOUNDATIONAL			**ETHICS AND AUTONOMY**									
		ELECTIVE	**EDUCATIONAL PROCESSES**				Elective Course	Elective Course			4	8
			MANAGEMENT AND SOCIAL DEVELOPMENT									
SPECIALIZED		CAPSTONE	**RESEARCH PROCESS**	Research Protocol Seminar EDU002	Documentary Research Seminar EDU004	Quantitative Research Seminar EDU006	Qualitative Research Seminar EDU007	Research Instrument Design Seminar EDU008	Results Analysis Seminar EDU010	Research Integration Seminar EDU011	Research Evaluation Seminar EDU012	40	80

TOTAL

	TH	TC
	53	106
TC MX		106
TC USA		53

COLLEGE OF
HEALTH SCIENCES

BACHELOR´S DEGREE

- DENTISTRY
- NUTRITION
- PHYSICAL THERAPY

SPECIALTY DEGREE

- RESTORATIVE DENTISTRY
- PERIODONTICS
- ORTHODONTICS

MASTER´S DEGREE

- CLINICAL NUTRITION
- HEALTH SCIENCES
- PUBLIC HEALTH
- HEALTHCARE MANAGEMENT
- PUBLIC HEALTH

COLLEGE OF HEALTH SCIENCES

BACHELOR'S DEGREE IN

DENTRISTY

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/1433/2015

ACADEMIC PROGRAM PURPOSE

It trains Bachelors in Dentistry with a humanistic sense and professional ethics, capable of diagnosing, prognosticating and preventing oral cavity pathologies and their systemic effects as well as rehabilitating and intervening in surgical procedures; developing clinical practice, analysis techniques and dental procedures in prevention and rehabilitation, which allow them to educate and encourage habits in the population and solve the problems of each patient; all this being aware of their leadership and commitment to oral health in the regional, national and international environment for the benefit of the community.

ENTRY PROFILE

Knowledge

- Health Sciences

- English language

- Computer skills

Abilities and/or skills

- Ability to establish interpersonal relationships

- Observation and analysis skills

- Spatial sense

Attitudes and/or values

- Interest in aesthetics

- Service attitude

- Creative and dynamic personality

- Willingness to work collaboratively

Habits:

- Independent study

- Responsible and ethical

- Continuous search for solutions

THE GRADUATION PROFILE FOR THE BACHELOR IN DENTRISTY

- Applies the methods of dental clinical diagnosis.

- Diagnose the different pathologies from the dental disciplinary areas.

- Develops prevention and rehabilitation plans considering the different alternatives for oral health.

- Interacts with the areas of dental specialties in an interdisciplinary manner.

- Communicates to the patient his/her health condition and treatment alternatives.

- Executes clinical procedures to restore the health, function and esthetics of the oral cavity.

- Uses dental materials, instruments and equipment to develop the professional practice.

- Implements technology in dental equipment for their professional work.

- Applies the official norms that govern the dental profession.

- Develops administrative and management practices in the dental office.

- Designs research projects based on dental evidence.

- Becomes aware of the existing needs in their environment, recognizing their social commitment.

- Educates in prevention and promotes oral health in the population.

- Is permanently updated in the study of the dental area and specialization.

- Exercises his/her profession in a responsible, humanistic, ethical and professional manner.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

LICENCIATURA EN ODONTOLOGÍA

CURRICULUM AREAS	1	2	3	4	5	6	7	8	9	TH	TC
CÓMPUTO ACADÉMICO	Herramientas y Comunidad Digital COM013									4	8
PENSAMIENTO Y FORMACIÓN HUMANISTA	Fundamentos del Pensamiento Crítico y Humanista FIL016		Fundamentos Estructurales del Pensamiento Crítico LPC001		Escritura Académica LPC002					9	18
		Persona y Cultura Humanista FHU004			Ética y Responsabilidad Social FHU005	Optativa de Formación Humanista OFH001				11	22
LENGUA Y CULTURA	Optativa de Lengua y Cultura 1 OPI001	Optativa de Lengua y Cultura 2 OPI002	Optativa de Lengua y Cultura 3 OPI003	Optativa de Lengua y Cultura 4 OPI004						20	40
MORFOLOGÍA	Anatomía de Cabeza y Cuello ODO	Histología y Embriología Bucodental ODO			Anatomía Patológica General MED					14	21
BIOLOGÍA	Biología Molecular de la Célula BIO003	Inmunología BIO007								8	16
	Fisiología General BIO004	Bioquímica BIO005	Farmacología General BIO010							13	26
	Anatomía Dental y Modelado ODO									5	6
ODONTOLÓGICA	Iniciación a la Clínica Odontológica ODO	Radiología Dental ODO								9	13
		Patogenia Microbiana Bucal ODO		Farmacología en Odontología ODO		Farmacología Aplicada ODO				8	15
		Materiales Dentales I ODO	Materiales Dentales II ODO							8	10
			Fundamentos de Oclusión ODO	Oclusión ODO						6	8
			Calidad en la Atención Odontológica ODO			Epidemiología y Salud Pública ODO				6	9
BIOÉTICA							Bioética FHU106			3	6
DIAGNÓSTICO			Cariología ODO	Clínica Propedéutica MED						7	11
				Clínica de Diagnóstico y Plan de Tratamiento ODO	Patología Bucal ODO	Patología Médica Estomatológica ODO				12	16
		Práctica Clínica Preventiva ODO	Preclínica ODO							7	8
			Principios de OPERATIVE Dental ODO	OPERATIVE Dental ODO	Clínica de OPERATIVE Dental ODO					13	15
				Endodoncia ODO	Clínica de Endodoncia ODO					8	9
				Prótesis Parcial Fija ODO	Prótesis Parcial Removible ODO	Clínica de Prótesis ODO				13	13
REHABILITACIÓN ORAL					Periodoncia ODO	Clínica de Periodoncia ODO				8	10
						Prostodoncia Total ODO	Prostodoncia Parcial ODO	Clínica de Prostodoncia ODO		18	21
							Clínica Integrada ODO	Clínica Multidisciplinaria ODO		20	20
								Implantología ODO		3	4
								Educación en Prevención ODO	Odontología del Adulto Mayor ODO	8	9
CIRUGÍA BUCAL				Exodoncia y Técnicas de Anestesia ODO	Exodoncia ODO	Cirugía Bucal ODO	Cirugía Maxilofacial ODO			17	21
CRECIMIENTO Y DESARROLLO							Odontología Pediátrica ODO	Clinica de Odontología Pediátrica I ODO	Clínica de Odontología Pediátrica II ODO	15	19
							Ortodoncia I ODO	Ortodoncia II ODO		6	10
ODONTOLOGÍA FORENSE									Odontología Legal y Forense ODO	3	4
TÓPICOS PROFESIONALES								Optativa	Optativa	6	12
INTEGRACIÓN									Iniciación al Ejercicio Profesional ODO	3	4
INVESTIGACIÓN							Metodología de la Investigación ODO	Investigación Odontológica ODO	Seminario de Titulación ODO	9	18
TOTALES	8	9	9	9	9	8	7	8	6	300	442

TC MX 442
TC USA 221

BACHELOR'S DEGREE

NUTRITION

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/1048/2013

ACADEMIC PROGRAM PURPOSE

It trains Bachelors in Nutrition using specific methodology in the evaluation, diagnosis and treatment of individuals and populations with particular needs, in addition to managing food programs and services, to generate proposals aimed at the implementation of actions to meet the needs of food and nutrition from the regional, national and international level with a humanistic vision and ethical sense.

ENTRY PROFILE

Knowledge

- Biology, chemistry and basic mathematics
- Basic English
- Basic computer skills
- General culture on universal and Mexican history

Abilities and/or skills

- Observe, analyze and synthesize texts.
- Lead work teams
- Expressing oneself orally and in writing
- Apply information technologies.
- Work in teams
- Think critically and creatively.
- Make decisions in an assertive manner.
- Affinity to topics related to health such as anatomy, physiology.
- Affinity to topics related to regional and global socio-cultural issues.

Attitudes and/or values

- Taste for health-related topics such as anatomy, physiology, chemistry, biochemistry and related courses.
- Interest in regional and global socio-cultural issues.
- Initiative and proactivity.
- Vocation of service and altruism.
- Sociability and empathy.
- Respect for their peers.
- Sense of responsibility.
- Ethical and moral sense.

Habits

- Habit of time organization.

- Habit of observation and appreciation of reality.

- Habit of personal leadership.

- Habit of effective communication.

- Habit of self-regulating their academic activities.

THE GRADUATION PROFILE FOR THE BACHELOR IN NUTRITION

1. Identifies the determinant factors in the health-disease process, such as psychological, social, economic and environmental factors.

2. Proposes differential diagnoses.

3. Interprets diagnostic tests.

4. Communicates the nature and severity of the condition.

5. Performs diagnostic and therapeutic procedures through anthropometric measurements.

6. Uses dietary evaluation instruments.

7. Interprets biochemical tests.

8. Prescribes nutritional treatments corresponding to each physiological or pathophysiological situation.

9. Uses scientific evidence in the practice of nutrition and development of research.

10. Applies statistical analysis of data.

11. Develops research projects related to nutrition and food.

12. Acts with curiosity, initiative and entrepreneurship.

13. Uses information and its technologies in a health context.

14. Uses nutrition software and platforms for evaluation, diagnosis, nutritional treatment as well as for research.

15. Applies ethical and legal principles in the practice of nutrition by obtaining and recording informed consent.

16. Maintains confidentiality, respects diversity and the rights of the patient, the health team and the community.

17. Provides nutritional treatment to the terminally ill patient.

18. Recognizes the different health and nutrition systems and services of the population.

19. Participates within the health team in the community.

20. Applies the health and nutrition policies and programs of the country.

21. Manages resources for health and nutrition care. 22.

22. Recognizes the epidemiological profile of the population and applies the principles of health promotion and disease prevention.

23. Respects the pertinent biosecurity norms and official standards.

24. Develops new technologies in food through the application of chemistry and food technology in sustainable development.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN NUTRITION
GROUNDED EDUCATION

TYPE: INSTRUMENTAL / FOUNDATIONAL / SPECIALIZED
COMPETENCIES: GENERIC FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL COMPETENCIES
CORE: INSTITUTIONAL / PROFESSIONAL FOUNDATIONS / PROFESSIONAL / CAPSTONE

CURRICULUM AREAS	1	2	3	4	5	6	7	8	TH	TC
COMPUTING	Digital Tools and Community COM013								4	8
HUMANIST THINKING AND FORMATION	Fundamentals of Critical and Humanist Thinking FIL016	Structural Fundamentals of Critical Thinking LPC001	Academic Writing LPC002						9	18
		Person and Humanist Culture FHU004		Ethics and Social Responsibility FHU005		Humanist Formation Elective OFH001			11	22
LANGUAGE AND CULTURE	Language and Culture Elective 1 OPI001	Language and Culture Elective 2 OPI002	Language and Culture Elective 3 OPI003	Language and Culture Elective 4 OPI004					20	40
CHEMISTRY		General Chemistry QUI020	Organic Chemistry QUI029						11	20
BIOLOGY	Cellular and Molecular Biology BIO003		Nutrient Metabolism BIO012						10	20
	General Physiology BIO004	Systemic Physiology BIO008							10	20
STATISTICS			Biostatistics MIN011						4	8
MEDICINE	Human Anatomy MED023								5	10
NUTRITION	Fundamentals of Nutrition NUT100	Anthropology of Nutrition NUT101	Physiology of Nutrition NUT102	Nutritional Epidemiology NUT103					13	26
CLINICAL MEDICINE				Physiopathology MED018					5	10
GASTRONOMY				Applied Culinary Tecniques in Nutrition GAS001					4	8
PSYCHOLOGY		Developmental Psychology PSI016							3	6
NUTRITION AND SOCIETY					Nutrition Policies and Programs NUT220	Community Nutrition Workshop NUT221			8	16
PREVENTIVE NUTRITION			Nutrition through the Life Cycle NUT222	Nutrition Education NUT223	Social Health LEN220				9	18
NUTRITION AND HEALTH					Nutritional Assessment NUT224		Health Psychology PSI014		9	16
						Dietary Intake Plan Workshop NUT225		Sports Nutrition NUT226	9	18
FOOD SCIENCE				Food Microbiology and Toxicology NUT227	Food Chemistry QUI030		Food Technology QUI026	Food Design and Innovation QUI027	20	40
					Food Safety, Hygiene, and Legislation NUT228				4	8
CLINICAL NUTRITION						Clinical Nutrition I NUT229	Clinical Nutrition II NUT230	Clinical Nutrition III NUT231	12	24
							Nutritional Support Workshop NUT232		4	8
							Applied Pharmacology for Nutrition NUT233	Eating Disorders NUT234	8	16
FOOD SERVICE					Food Services Management GAS002	Food Services and Menu Design NUT235			7	14
PROFESSIONAL TOPICS						Elective	Elective	Elective	9	18
ENTREPRENEURSHIP					Entrepreneurial Model EMP001				4	7
INTEGRATION				Food Service Internship NUT405		Community Nutrition Internship NUT406		Clinical Nutrition Internship NUT407	3	9
RESEARCH						Bioethics FHU106	Research Seminar NUT408	Pre-Graduation Seminar NUT409	9	18
TOTAL									224	446

TC MX 446
TC USA 223

BACHELOR'S DEGREE IN
PHYSICAL THERAPY

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/1393/2015

ACADEMIC PROGRAM PURPOSE

It trains Bachelors in Physical Therapy, who respond to the social needs related to the human body movement system and its alterations, applying the process of examination, evaluation, diagnosis, prognosis and intervention in the preservation, potentiation and restoration of body functions, to contribute to the bio-psycho-social welfare of the person and its context, in an integral, ethical and humanistic manner.

ENTRY PROFILE

Knowledge

- Recognizes the basic notions of Physics, Chemistry and Computers.

- Identifies main ideas in a text

Abilities and/or skills

- Analyzes texts

- Communicates orally and in writing

- Uses logical reasoning

- Shows creativity

Attitudes and/or values

- Values the dignity of the human person.

- Vocation of service.

- Interest in health sciences

- Demonstrates tolerance and openness to new ideas

Habits

- Observation and reflection

- Independent study and autonomous work

- Continuous search for solutions

- Shows openness to learning

THE GRADUATION PROFILE FOR THE BACHELOR IN PHYSICAL THERAPY

- Employs the intervention model in Physical Therapy with its components of examination, evaluation, diagnosis, prognosis and intervention.

- Applies the theoretical and methodological frameworks that support the application of methods and techniques of physical therapy.

- Performs the clinical reasoning process relating theory, research and physiotherapeutic practice.

- Promotes the well-being and health of the individual, family and community in relation to their functional potential and social participation.

- Prevents, diagnoses and treats dysfunctions related to the human body movement system in the individual and the community.

- Establishes verbal, non-verbal, written and electronic communication in their professional context.

- Establishes interdisciplinary relationships that facilitate patient/user centered collaboration.

- Engages in research activities related to Physical Therapy.

- Employs ethical, regulatory and legal principles in the professional practice of Physical Therapy.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN PHYSICAL THERAPY
GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS									TH	TC
INSTRUMENTAL		INSTITUTIONAL	COMPUTING	Digital Tools and Community COM013								4	8
			HUMANIST THINKING AND FORMATION	Fundamentals of Critical and Humanist Thinking FIL016	Structural Fundamentals of Critical Thinking LPC001	Academic Writing LPC002						9	18
						Person and Humanist Culture FHU004	Ethics and Social Responsibility FHU005	Humanist Formation Elective OFH001				11	22
			LANGUAGE AND CULTURE	Language and Culture Elective 1 OPI001	Language and Culture Elective 2 OPI002	Language and Culture Elective 3 OPI003	Language and Culture Elective 4 OPI004					20	40
FOUNDATIONAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	PROFESSIONAL FOUNDATIONS	PHYSICAL FOUNDATIONS OF MOVEMENT	General Physics FIS028	Applied Physics for Pysical Therapy FIS029							10	20
			STRUCTURAL FOUNDATIONS OF MOVEMENT	Musculoskeletal Anatomy MED026	Systemic Anatomy MED027							10	20
			THEORETICAL AND METHODOLOGICAL FOUNDATIONS OF PHYSICAL THERAPY	Introduction to Physical Therapy LFI100	Goniometry LFI101	Manual Muscular Testing LFI102						13	19
			BIOLOGICAL FUNDAMENTALS OF MOVEMENT	Cellular and Molecular Biology BIO003	Biochemistry BIO005							8	16
					Histology BIO013	Immunology BIO007						6	12
			PHYSIOLOGICAL FUNDAMENTALS OF MOVEMENT		General Physiology BIO004	Systemic Physiology BIO008						10	20
						Neuroscience BIO014	Basic Pharmacology BIO009					6	12
			CLINICAL FUNDAMENTALS OF HUMAN MOTION		Semiology in Physical Therapy MED028	Nosology MED029						9	13
SPECIALIZADED		PROFESSIONAL	ADVANCED CLINICAL SCIENCES			Physiology of Exercise LFI220						3	6
						Rheumatology Applied to Physical Therapy MED030	Orthopedics and Traumatology MED031	Diagnostic Imaging in Physical Therapy MED032				9	15
						Neurology MED033						3	5
			EXPLORATION OF THE BODY MOVEMENT SYSTEM		Kinesiology I LFI221	Kinesiology II LFI222	Motor Control LFI223					13	19
			THERAPEUTIC RESOURCES			Therapeutic Physical Agents LFI224	Therapeutic Exercise LFI225		Orthotics and Prosthetics LFI226			14	20
			THERAPEUTIC AND DIAGNOSTIC INTERVENTION OF THE MOVEMENT SYSTEM				Diagnosis and Treatment of Connective Tissue Conditions LFI227	Differential Diagnosis LFI228				8	13
							Orthopedics and Traumatology Physical Therapy LFI229	Sports Physical Therapy LFI230				7	12
							Neurologic Physical Therapy LFI231	Respiratory Physical Therapy LFI232	Cardiovascular Physical Therapy LFI233			15	21
			THERAPEUTIC INTERVENTION OF HUMAN DEVELOPMENT					Pediatric Physical Therapy LFI234	Geriatric Physical Therapy LFI235			6	10
			CLINICAL PRACTICE				Clinical Practice I LFI236	Clinical Practice II LFI237	Clinical Practice III LFI238	Clinical Practice IV LFI239		8	48
		ELECTIVE	ENTREPRENEURSHIP					Entrepreneurial Model EMP001	Entrepreneurship Elective OEM001			6	12
			EDUCATION					Teaching Skills Development EDU224	Educational Process Planning EDU225				
			CLINICAL PHYSICAL THERAPY SPECIALTIES					Pelvic Floor and Abdominal Physical Therapy LFI307	Physical Therapy for Critically Ill Patients LFI308				
		CAPSTONE	INTEGRATION				Psychology in Health Sciences PSI014	Public and Community Physical Therapy LFI402			Clinical Internship LFI403	7	37
								Bioethics FHU106				3	6
			RESEARCH						Research Seminar I LFI404	Research Seminar II LFI405		6	12
TOTAL				7	8	9	9	7	7	6	6	1	224	456

H= HOURS

TC MX 456
TC USA 228

SPECIALITY DEGREE IN
RESTORATIVE DENTRISTY

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/2067/2017

ACADEMIC PROGRAM PURPOSE

To train specialists in Restorative Dentistry with ethical and humanistic sense that develop processes of prevention, diagnosis, prognosis, treatment and prosthetic rehabilitation, through the application of state-of-the-art technology in the development of fixed, removable and implant supported prosthesis, to effectively address complex oral and dental problems, focused on restoring oral function to patients with pathologies of the oral cavity.

ENTRY PROFILE

Knowledge

- Biomedical, clinical and humanistic areas.

- Dental areas, especially restorative procedures.

- Cranio-maxillo-facial health problems within the context of the country's health.

- Participates in the interdisciplinary management of the different stomatological areas for each patient.

- Scientific bases to practice the dental profession.

- Current regulations and health and environmental standards.

Abilities and/or skills

- Locate the problems of cranio-maxillo-facial health within the context of the country's health problems.

- Applies techniques to prevent damage to stomatological health, both individual and collective.

- Recognizes and identifies the prevalent stomatological pathologies.

- Plans treatments and issues prognosis on their evolution.

- Performs manual work and laboratory procedures.

- Plans and executes actions to promote dental health, participates in disease prevention, recovery and rehabilitation.

- Properly handles instruments, material and equipment of dental medical use necessary for the practice of their profession.

- Reading and comprehension of the English language.

Attitudes and/or values

- Understands oral health as one of the fundamental values of the individual and the community.

- Is interested in continuing education and updating in the discipline.

- Adopts the dental and regulatory provisions in force regarding health and environmental standards, conducting themselves according to their own ethical and humanistic principles that require the care of the biological, physical and psychological integrity of patients.

- Presents a firm and persuasive character of conviction in dealing with the patient, as well as presenting a serene, adaptable attitude and willingness to work.

- Has full time, emotional stability and optimal health.

Habits

- Study habits.
- Habit of time organization.
- Habit of interest in discovering new knowledge.
- Habit of personal leadership.
- Habit of effective communication.

THE GRADUATION PROFILE FOR THE SPECIALIST IN RESTORATIVE DENTRISTY

- Applies the basic medical theoretical knowledge of the stomatognathic system to treat in a timely manner the different diseases related to the restoration of oral health.

- Diagnoses alterations and pathologies of the oral cavity and stomatognathic system.

- Treats the diseases of restorative dentistry and implant

dentistry in the systemic and local aspects in its different diagnostic and maintenance phases.

- Applies the surgical techniques of treatment

- Actively participates in the interdisciplinary health team, emphasizing the restorative health point of view.

- Executes comprehensive rehabilitation treatments to restore functionality, esthetics and dentomaxillofacial harmony.

- Applies the methods, techniques, instruments and procedures of scientific research, which allow him/her to propose proposals for scientific medical discovery in the area of restorative dentistry.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

SPECIALTY IN RESTORATIVE DENTISTRY
GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS						TICH	TOCH	TC
FOUNDATIONAL	INSTITUTIONAL, PROFESSIONAL, AND COURSE	INSTITUTIONAL	LEADERSHIP			Bioethics EOD501			66	46	7
		PROFESSIONAL FOUNDATIONS	MEDICAL FOUNDATIONS	Head and Neck Anatomy EOD502	Pharmacology I EOR557	Pharmacology II EOR566			132	60	12
				Biology of the Cell EOR550	Advanced Physiology EOR558				88	40	8
			BASIC ODONTOLOGIC	Gnathological Occlusion EOR551	Occlusal Practices EOR559				88	40	8
				Dental Materials I EOR552	Dental Materials II EOR560	Fundamentals of Endo-periodontics EOR567			132	60	12
				Operative Dentistry I EOR553	Operative Dentistry II EOR561	Fundamentals of Periodontics EOR568			132	60	12
				Basic Prosthodontics EOR554	Advanced Prosthodontics EOR562				88	40	8
DISCIPLINARY		PROFESSIONAL	RESTORATIVE	Fundamentals of Restorative Implantology EOR555		Restorative Implantology I EOR569	Restorative Implantology II EOR574	Restorative Implantology III EOR579	176	80	16
			CLINIC	Restorative Clinic EOR556	Restorative Clinic and Oral Implantology I EOR563	Restorative Clinic and Oral Implantology II EOR570	Restorative Clinic and Oral Implantology III EOR575	Restoration Clinic and Oral Impantology IV EOR580	2200	40	140
		CAPSTONE	INTEGRATION			Seminar in Prostho-periodontics I EOR571	Seminar in Prostho-periodontics II EOR576	Seminar in Prostho-periodontics III EOR581	132	60	12
					Interdisciplinary Seminar in Restorative Dentistry I EOR564		Interdisciplinary Seminar in Restorative Dentistry II EOD577	Interdisciplinary Seminar in Restorative Dentistry III EOR582	132	60	12
			RESERACH	Research Methodology EOD523	Case Study as a Graduation Project I EOR565	Case Study as a Graduation Project II EOR572	Case Study as a Graduation Project III EOR578	Case Study as a Graduation Project IV EOR583	220	100	20
						Biostatistics EOR573			44	20	4
TOTAL				9	9	8	6	5	3630	706	271

TC MX 271
TC USA 136

SPECIALITY DEGREE IN

PERIODONTICS

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/2071/2017

ACADEMIC PROGRAM PURPOSE

To train specialists in Periodontics with ethical and humanistic sense to prevent and detect the etiology of periodontal disease, establishing a diagnosis, prognosis and treatment plan, in order to generate alternatives to restore the health of the supporting tissues.

ENTRY PROFILE

Knowledge

- Identifies cranio maxillofacial health problems within the health context of the country.

- Points out dental preventive and surgical procedures.

- Recognizes the stomatognathic physiological processes.

- Relates the disciplines that integrate the basic dental science.

- Distinguishes the regulations in force in the area of dentistry, as well as the health standards

Abilities and/or skills

- Applies preventive methods to avoid periodontal diseases.

- Plans dental treatments.

- Develops follow-up plans to solve oral health problems.

- Performs dental surgical procedures.

- Proposes actions for the promotion of oral health.

- Handles instruments, material and equipment of dental medical use.

Attitudes and/or values

- Is interested in the development of techniques for the treatment of periodontal disease.

- Is concerned about the improvement of oral health of patients.

- Appreciates interdisciplinary work to help maintain oral health.

- Acts ethically in the application of dental treatments.

- Is interested in continuing education in his/her area of training.

Habits

- Hygiene habit.

- Habit of reading and consultation.

- Habit of observation and reflection.

- Habit of patient service.

- Habit of effective communication.

THE GRADUATION PROFILE FOR THE SPECIALIST IN PERIODONTOLOGY:

- Develops medical processes in the biomedical and clinical areas, with the necessary scientific basis to make the diagnosis and therapy of periodontal disease.

- Systematically examines the clinical history to obtain a presumptive diagnosis of the supporting tissues.

- Proposes the necessary periodontal and interdisciplinary treatment plan according to the patient's characteristics in order to avoid consequent complications.

- Applies treatments according to the periodontal disease in the systemic and local aspects in its different phases of diagnosis and maintenance.

- Uses different surgical techniques of periodontal treatment.

- Actively participates in the interdisciplinary health team, emphasizing the periodontal health point of view.

- Implements methods, techniques, instruments and procedures of scientific research, which allow him/her to make proposals of scientific medical discovery in the area of Periodontics.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

	TYPE	COMPETENCIES	CORE
	FOUNDATIONAL / DISCIPLINARY	INSTITUTIONAL, PROFESSIONAL, AND COURSE	INSTITUTIONAL · PROFESSIONAL FOUNDATIONS · PROFESSIONAL · CAPSTONE

CURRICULUM AREAS						TICH	TOCH	TC
LEADERSHIP				Bioethics EOD501		66	46	7
MEDICAL FOUNDATIONS	Head and Neck Anatomy EOD502	Pharmacology I EOR557	Pharmacology II EOR566			132	60	12
	Molecular Biology EOP551	Host-Parasite Interaction EOP554				110	50	10
	Basic Histology and Embriology EOP552					44	20	4
	Advanced Physiology EOR558					44	20	4
BASIC ODONTOLOGIC		Oral Pathology EOP555	Oral Medicine EOP562			88	40	8
	Gnathologic Occlusion EOR551	Dental Occlusion Laboratory EOP556	Mucogingival and Periodontal Plastic Surgery EOP563			132	60	12
PRECLINICAL	Periodontal Diagnosis and Prognosis EOP553	Principles in Dental Implantology EOP557	Regenerative Surgery EOP564	Reconstruction of Bone Defects I EOP567	Reconstruction of Bone Defects II EOP571	220	100	20
		Treatment Plan EOP558				44	20	4
CLINICAL		Ortho-Periodontics EOP559	Endo- Periodontics EOP565	Prostho-Periodontics EOP568		132	60	12
		Periodontal Clinic EOP560	Periodontal and Implantology Clinic I EOP566	Periodontal and Implantology Clinic II EOP569	Periodontal and Implantology Clinic III EOP572	1760	32	112
INTEGRATION			Seminar in Prostho-Periodontics I EOR571	Seminar in Prostho-Periodontics II EOR576	Seminar in Prostho-PeriodonticsIII EOR581	132	60	12
		Interdisciplinary Seminar in Periodontics I EOP561		Interdisciplinary Seminar in Periodontics II EOP570	Interdisciplinary Seminar in Periodontics III EOP573	132	60	12
RESEARCH	Research Methodology EOD523	Case Study as a Graduation Project I EOR565	Case Study as a Graduation Project II EOR572	Case Study as a Graduation Project III EOR578	Case Study as a Graduation Project IV EOR583	220	100	20
			Biostatistics EOR573			44	20	4
TOTAL	7	10	9	7	5	3300	748	253

TC MX	253
TC USA	127

SPECIALITY DEGREE IN

ORTHODONTICS

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/1947/2017

ACADEMIC PROGRAM PURPOSE

It trains Orthodontic Specialists, with ethical and humanistic sense, who attend to the prevention and/or correction of dentoalveolar, skeletal or skelicodental malocclusion problems, through the design of a global orthodontic diagnosis, in order to apply a specific treatment plan appropriate to the problems presented by the patient.

ENTRY PROFILE

Knowledge

- Recognizes the elements that integrate the clinical sciences of the dental discipline.

- Identifies the problems of cranio-maxillo-facial health within the context of the country's health.

- Continuously reviews the information generated in his/her professional field in order to be updated.

- Master the scientific concepts to practice their dental profession.

- Enunciates the rules in force, as well as the health and environmental norms in the area of orthodontics.

- Identifies the prevalent stomatological pathologies.

Abilities and/or skills

- Detects (classifies) cranio-maxillo-facial health problems within the context of the country's health problems.

- Applies techniques for the prevention of damage to stomatological health, both individual and collective.

- Executes health promotion actions.

- Manages the instruments, material and equipment of dental medical use necessary for the exercise of their profession.

- Plans the treatment to be followed in the face of detected stomatological pathologies.

- Participates in the interdisciplinary management of the different stomatological areas in patient, such as Periodontics, Maxillofacial Surgery, Restorative Dentistry and Pediatric Stomatology treatment needs.

Attitudes and/or Values

- Is interested in the oral health of the individual and the community.

- Respects the dental and regulatory provisions in force regarding health and environmental standards.

- Is aware of the ethical and humanistic principles required to care for the biological, physical and psychological integrity of patients.

- Willingness to work in multi- and interdisciplinary health teams.

Habits

- Reading habit
- Hygiene habits
- Habit of cleanliness.

THE GRADUATION PROFILE FOR THE SPECIALIST IN ORTHODONTICS:

- Develops a bioethical sense based on the care of the individual and his/her community.

- Applies the basic dental sciences of growth and development of the individual according to his/her age.

- Applies knowledge of anatomy to recognize the tissues and structures in which orthodontic treatment is applied.

- Performs orthodontic diagnostics according to the detected needs.

- Interprets the functions and cellular components to take advantage of this knowledge in the diagnosis.

- Differentiates normal maxillofacial characteristics from

pathological ones in order to make an accurate diagnosis.

- Applies orthodontic clinical techniques for comprehensive analysis.

- Proposes an adequate treatment plan for the diagnosed pathology.

- Interacts in multidisciplinary teams to perform integral treatments.

- Performs research related to the orthodontic area to innovate clinical and technological procedures.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS						TH	TC
FOUNDATIONAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	COMMON	LEADERSHIP		Bioethics SPU521				3	7
		PROFESSIONAL FOUNDATIONS	MEDICAL FOUNDATIONS	Head and Neck Anatomy EOD502		Genetics EOD517			4	8
			BASIC ODONTOLOGIC	Craniofacial Growth and Development EOD503	Oral Histology and Embryology EOD510	Specialized Physiology EOD518	Craniofacial Anomalies EOD524		8	16
DISCIPLINARY		PROFESSIONAL	PRECLINICAL	Introduction to the Clinical Program EOD504			Oral Pathology EOD525		17	34
				Diagnostic Aids and Cephalometries EOD505					2	4
				Diagnosis and Treatment Plan I EOD506	Diagnosis and Treatment Plan II EOD511				4	8
				Dental Occlusion I EOD507	Dental Occlusion II EOD512				4	8
			ORTHODONTIC	Biomechanics I EOD508	Biomechanics II EOD513	Technology Applied to Orthodontics EOD519			6	12
					Orthognathic Surgery I EOD514	Orthognathic Surgery II EOD520			4	8
					Orthodontic Clinic I EOD515	Orthodontic Clinic II EOD521	Orthodontic Clinic III EOD526	Orthodontic Clinic IV EOD529	80	111
		CAPSTONE	INTEGRATION		Interdisciplinary Seminar I EOD516		Interdisciplinary Seminar II EOD527	Interdisciplinary Seminar III EOD530	6	12
				Seminar in Orthodontics I EOD509		Seminar in Orthodontics II EOD522		Seminar in Orthodontics III EOD531	6	12
			RESEARCH			Research Methodology EOD523	Thesis Seminar I EOD528	Thesis Seminar II EOD532	6	13
			TOTAL	8	8	7	5	4	150	254

TC MX 254
TC USA 127

MASTER'S DEGREE IN
CLINICAL NUTRITION

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/1374/ 2015

ACADEMIC PROGRAM PURPOSE

It trains Masters in Clinical Nutrition who develop in interdisciplinary health teams, using the process of nutritional care individually or in groups and basic and applied research in nutrition, to generate strategies that contribute to the improvement of the health status of the individual in situations related to various pathologies.

ENTRY PROFILE

Knowledge
- Distinguishes the basic concepts in biochemistry.
- Describes the basic concepts in physiology.
- Identifies the basics in epidemiology.
- Recognizes basic computer science concepts.

Abilities and/or skills

- Analyzes and synthesizes ideas and processes.
- Manages diverse information.
- Communicates orally and in writing in the native language.
- Reads texts in English.
- Applies verbal and mathematical reasoning.
- Exposes ideas with clarity and ease.
- Listens actively.
- Integrates in team work.
- Observes in a systematized way.
- Expresses interest in the community.

Attitudes and Values
- Is aware of the importance of honesty.
- Demonstrates responsibility.
- Respects the individuality of the person.
- Acts with discipline to achieve goals.
- Manifests an ethical commitment
- Empathizes for personal contact.

Habits

- Daily reading
- Planning of activities
- Organization
- Attention to detail
- Personal and environmental hygiene

THE GRADUATION PROFILE FOR THE MASTER IN CLINICAL NUTRITION

- Evaluates the patient who presents malnutrition or nutritional risk, to diagnose the impact on metabolic expenditure.

- Estimates the nutritional requirements of the patient according to his/her clinical condition.

- Indicates nutritional therapy according to the patient's pathology in coordination with the multidisciplinary medical team.

- Proposes dietary modifications, according to the organic disorders that present the prevalent pathologies in the patient.

- Applies the latest scientific advances in nutritional therapy of prevalent pathologies in the different stages of life, but especially in the most vulnerable who are children and adults.

- Designs research in Clinical Nutrition, from a scientific approach.

- Participates in training and discussion spaces representing the specific nutritional knowledge within the health team.

- Participates actively within the health team and in the community with the principles of health promotion and prevention.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

MASTER'S DEGREE IN CLINICAL NUTRITION (GROUNDED EDUCATION)

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS							TH	TC
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	INSTITUTIONAL	HUMAN DEVELOPMENT	Bioethics SPU520						3	7
INSTRUMENTAL		INSTITUTIONAL	HEALTH EDUCATION	Health Promotion and Education SPU509	Nutrition Education NUT502					6	9
INSTRUMENTAL		INSTITUTIONAL	FUNDAMENTALS OF NUTRITION	Physiological and Anatomical Foundations of Nutrition NUT501						3	5
FOUNDATIONAL		PROFESSIONAL	EPIDEMIOLOGY			Clinical Epidemiology CSA503				3	5
FOUNDATIONAL		PROFESSIONAL	BIOSTATISTICS		Clinical Biostatistics NUT503					3	5
FOUNDATIONAL		PROFESSIONAL	ENDOCRINE SYSTEM		Macronutrient Metabolism NUT504	Micronutrient Metabolism NUT505	Endocrinology NUT508			9	12
FOUNDATIONAL		PROFESSIONAL	CLINICAL NUTRITION			Nutritional Assessment through the Life Cycle NUT506	Nutritional Therapy for Deficiency Situations NUT509	Nutritional Support for Critically Ill Patients I NUT510	Nutritional Support for Critically Ill Patients II NUT512	12	18
SPECIALIZADED		CAPSTONE	INTEGRATION					Integrative Clinical Nutrition Practices NUT511	Elective Course	6	9
SPECIALIZADED		CAPSTONE	RESEARCH			Research Methodology CSA507		Evidence-Based Medicine CSA509	Thesis Workshop CSA510	9	12
			TOTAL	3	3	3	3	3	3	54	82

TC MX	82
TC USA	41

MASTER'S DEGREE IN
HEALTH SCIENCES

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/1400/ 2015

ACADEMIC PROGRAM PURPOSE

It trains Masters in the area of health sciences, within an ethical and humanistic framework, researchers capable of solving health problems, through the integration of scientific research in relation to the structure and functions of the organism at molecular, cellular and systemic levels, with the purpose of contributing to raise the level of awareness and strategies that generate greater welfare in the population in the field of health.

ENTRY PROFILE

Knowledge

- Distinguishes the basic concepts in biochemistry.
- Describes the basic concepts in physiology.
- Identifies the basics in epidemiology.
- Recognizes basic computer science concepts.

Abilities and/or skills

- Uses verbal and mathematical reasoning.
- Shows facility in interpersonal relationships
- Demonstrates communication skills
- Willingness to work in a team
- Performs systematized observation
- Shows interest in the community
- Demonstrates critical and analytical thinking

Attitudes and Values

- Acts with honesty in his/her work and personal life.
- Performs responsibly in diverse environments
- Respects the individuality of the person
- Appreciates human values
- Acts with discipline to achieve goals
- Manifests an ethical commitment.

Habits

- Reading
- Research
- Independent study.
- Of continuous learning.

THE GRADUATION PROFILE FOR THE MASTER IN HEALTH SCIENCES

- Proposes scientifically based research projects from a complex perspective.

- Proposes solutions to diseases derived from poverty, natural disasters, epidemiological pathologies and by population sector, from a scientific, ethical and humanistic approach.

- Designs and executes programs related to health, focused on the patient or the institution.

- Communicates oral and written conclusions before specialized and non-specialized audiences.

- Acts respecting the ethical aspects of research and professional activities.

- Proposes public health projects for the prevention and control of diseases.

- Evaluates epidemiological trends to prevent risks and make decisions to improve the treatment of a pathology.

- Makes decisions, in patient care or project management, based on health sciences.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

MASTER'S DEGREE IN HEALTH SCIENCES (GROUNDED EDUCATION)

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS							TH	TC
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	INSTITUTIONAL	HUMAN DEVELOPMENT	Bioethics SPU520						3	7
INSTRUMENTAL		PROFESSIONAL FOUNDATIONS	SCIENTIFIC BASIS	Physiology CSA501						3	4
INSTRUMENTAL		PROFESSIONAL FOUNDATIONS				Biology of the Cell BIO520	Clinical Biochemistry CSA502			6	12
INSTRUMENTAL		PROFESSIONAL FOUNDATIONS	PUBLIC HEALTH	Fundamentals of Public Health SPU501	Health Economics SPU503					6	9
FOUNDATIONAL		PROFESSIONAL	EPIDEMIOLOGY		Epidemiology SPU505		Clinical Epidemiology CSA503			6	9
FOUNDATIONAL		PROFESSIONAL	BIOSTATISTICS		Biostatistics SPU504	Biostatistics and Data Processing SPU506				6	10
FOUNDATIONAL		PROFESSIONAL	BIOMEDICINE						Biomedicine CSA505	3	4
FOUNDATIONAL		PROFESSIONAL	MOLECULAR BIOLOGY					Molecular Biology CSA504	Genetics and Genomics CSA506	6	8
SPECIALIZED		CAPSTONE	INTEGRATION					Elective Course		3	4
SPECIALIZED		CAPSTONE	RESEARCH			Research Methodology CSA507	Clinical Research CSA508	Evidence-Based Medicine CSA509	Thesis Workshop CSA510	12	16
TOTAL				3	3	3	3	3	3	54	83

TC MX	83
TC USA	42

MASTER'S DEGREE IN

PUBLIC HEALTH

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/1449/ 2015

ACADEMIC PROGRAM PURPOSE

To train Masters in Public Health who intervene with proposals for policies, plans and programs of action within the framework of the essential functions of public health, through the application of methodological, social and ethical aspects that respect the human person in his dignity and freedom, in order to promote the strengthening and consolidation of health systems with an interdisciplinary approach.

ENTRY PROFILE

Knowledge

- Explains articles in English.

- Describes public health problems.

- Explains scientific texts.

- Identifies the elements of basic statistics.

- Distinguishes programs in the area of health.

Abilities and/or skills

- Uses basic computer software.

- Has the capacity to synthesize information.

- Formulates solutions to problems.

- Works in multidisciplinary teams.

Attitudes and Values

- Is committed to continuous work.

- Is an ethical, responsible and respectful person.

- Vocation for the pursuit of the welfare of individuals and groups, without discrimination.

- Is interested in public health problems.

Habits

- Critical, logical and creative thinking.

- Habit of reading in the area of public health.

- Habit of observation and reflection.

- Works in a methodical and hierarchical way.

- Habit of independent study.

THE GRADUATION PROFILE FOR THE MASTER IN PUBLIC HEALTH:

- Designs public health research projects.

- Evaluates public health programs in different contexts.

- Applies communicative strategies and proposes actions to improve the level of health based on the health diagnosis of the population.

- Designs intervention strategies promoting the improvement of healthy lifestyles.

- Develops research and divulgation articles in the area of public health.

- Assesses the distribution of environmental, biological and cultural risks.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

MASTER'S DEGREE IN PUBLIC HEALTH (GROUNDED EDUCATION)

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS							TH	TC
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	INSTITUTIONAL	PUBLIC HEALTH	Fundamentals of Public Health SPU501						3	5
INSTRUMENTAL		INSTITUTIONAL	PUBLIC HEALTH	Social Sciences in Public Health SPU502						3	5
INSTRUMENTAL		INSTITUTIONAL	HUMAN DEVELOPMENT	Bioethics SPU520						3	7
INSTRUMENTAL		INSTITUTIONAL	ECONOMICS		Health Economics SPU503					3	4
FOUNDATIONAL		PROFESIONAL	BIOSTATISTICS		Biostatistics SPU504	Biostatistics and Data Processing SPU506				6	10
FOUNDATIONAL		PROFESIONAL	HEALTH PROMOTION AND EDUCATION				Health Promotion and Education SPU509			3	4
FOUNDATIONAL		PROFESIONAL	EPIDEMIOLOGY		Epidemiology SPU505		Environmental and Occupational Health SPU510	Applied Epidemiology SPU512		9	13
FOUNDATIONAL		PROFESIONAL	MANAGEMENT			Healthcare Management SPU507	Health Systems Management SPU511		Quality and Safety in Health Care SPU515	9	15
SPECIALIZED		CAPSTONE	INTEGRATION						Elective Course	3	4
SPECIALIZED		CAPSTONE	INTEGRATION					Health Diagnosis in Field Practices SPU513	Public Health Program Evaluation SPU516	6	8
SPECIALIZED		CAPSTONE	RESEARCH			Research Methodology SPU508		Research in Public Health SPU514		6	8
			TOTAL	3	3	3	3	3	3	54	83

TC MX	83
TC USA	42

MASTER'S DEGREE IN
HEALTHCARE MANAGEMENT

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/1602/2016

ACADEMIC PROGRAM PURPOSE

It trains Masters in Healthcare management, with an integral vision, to manage organizations in the medical area, improving their competitiveness with the application of administrative strategies and the necessary skills to improve the quality of service, within an ethical and humanistic framework.

ENTRY PROFILE

Knowledge

- *Identifies basic mathematical concepts.*
- *Recognizes basic concepts of Administration.*
- *Enunciates basic accounting concepts.*
- *Describes the basic elements and the registration of operations.*
- *Distinguishes the programs in the health area.*

Abilities and/or skills

- Manages Statistical concepts.
- Uses computer packages.
- Communicates orally and in writing.
- Analyzes and synthesizes texts.
- Uses basic administrative techniques and processes.
- Formulate solutions to diverse problems.
- Works in multidisciplinary teams.

Attitudes and Values

- Commits to multidisciplinary work.
- Manages with responsibility.
- Is respectful in his/her actions with patients, colleagues and peers.
- Shows vocation for the pursuit of the welfare of individuals and groups, without discrimination.

Habits

- Critical and logical thinking.
- Habit of reading in the area of health and administration.
- Habit of observation and reflection.
- Habit of independent study.

THE GRADUATION PROFILE FOR THE MASTER IN MANAGEMENT OF HEALTH INSTITUTIONS

- Generates strategies to improve customer service by applying administrative and medical tools through research.

- Makes improvement decisions through the analysis of public health problems at state, national and global levels.

- Manages health institutions under ethical and humanistic principles for the achievement of institutional goals.

- Establishes administrative and organizational processes, through research in health units, that enhance the human and professional capacities of their team.

- Evaluates and applies quality norms and standards of the health area in the medical units.

- Establishes competitive advantages that allow him/her to reach, sustain and improve a certain position of the organization in public or private health, lucrative or not, in the socioeconomic environment.

- Manages material and financial resources and human capital effectively and efficiently in health institutions.

- Promotes an organizational culture based on a value system in which diversity is respected, open to the link with the community.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS						TH	TC
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	INSTITUTIONAL	HUMAN DEVELOPMENT	Bioethics SPU520					3	7
			MANAGEMENT AND ADMINISTRATION	Organizational Leadership and Management ORG550					3	6
			LEGAL			Legal Framework for Health Care Institutions AIS504			3	4
FOUNDATIONAL		PROFESSIONAL	PUBLIC HEALTH	Social Sciences in Public Health SPU502	Health Economics SPU503				6	9
			BIOSTATISTICS		Biostatistics SPU504	Biostatistics and Data Processing SPU506			6	10
					Epidemiology SPU505				3	4
			HEALTH CARE MANAGEMENT				Human Capital Management PSI527	Quality Management in Health Care AIS506	Hospital Management AIS503	9	16
							Health Systems Management and Administration SPU511	Corporate Finance ECO552		6	12
			HEALTH CARE ADMINISTRATION						Service and Relationship Marketing MER553	3	7
							Global Strategic Planning ADM551			3	7
SPECIALIZED		CAPSTONE	QUALITY						Elective Course	3	4
			RESEARCH		Research Methodology SPU508			Healthcare Management Research AIS509		6	8
		TOTAL		3	3	3	3	3	3	54	94

TC MX 94
TC USA 47

MASTER'S DEGREE IN
PUBLIC HEALTH

MODALITY: Grounded education

CAMPUS: TEHUACÁN

RVOE: SEP-SES/21/156/01/2115/2018

ACADEMIC PROGRAM PURPOSE

It trains Masters in Public Health who intervene with proposals for policies, plans and programs of action within the framework of the essential functions of public health, through the application of methodological, social and ethical aspects that respect the human person in his or her dignity and freedom, with the aim of promoting the strengthening and consolidation of health systems with an interdisciplinary approach.

ENTRY PROFILE

Knowledge

- Explains articles in English.

- Describes public health problems.

- Explains scientific texts.

- Identifies the elements of basic statistics.

- Distinguishes programs in the area of health.

Abilities and/or skills

- Uses basic computer software.

- Has the capacity to synthesize information.

- Formulates solutions to problems.

- Works in multidisciplinary teams.

Attitudes and Values

-Is committed to continuous work.

- Is an ethical, responsible and respectful person.

- Vocation for the pursuit of the welfare of individuals and groups, without discrimination.

- Is interested in public health problems.

Habits

- Critical, logical and creative thinking.

- Habit of reading in the area of public health.

- Habit of observation and reflection.

- Works in a methodical and hierarchical way.

- Habit of independent study.

THE GRADUATION PROFILE FOR THE MASTER IN PUBLIC HEALTH

- Designs public health research projects.

- Evaluates public health programs in different contexts.

- Applies communicative strategies and proposes actions to improve the level of health based on the health diagnosis of the population.

- Designs intervention strategies promoting the improvement of healthy lifestyles.

- Develops research and divulgation articles in the area of public health.

- Assesses the distribution of environmental, biological and cultural risks.

- Uses technologies as a tool for continuous learning and professional performance focused on the area of public health.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

MASTER'S DEGREE IN PUBLIC HEALTH (GROUNDED EDUCATION)
TEHUACAN CAMPUS

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS							TH	TC
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	INSTITUTIONAL	PUBLIC HEALTH	Fundamentals of Public Health MSP100						3	5
				Social Sciences in Public Health MSP101						3	5
			HUMAN DEVELOPMENT	Bioethics HUM002						3	7
			ECONOMICS		Health Economics MSP102					3	4
FOUNDATIONAL		PROFESSIONAL	BIOSTATISTICS		Biostatistics MSP200	Biostatistics and Data Processing MSP201				6	10
			HEALTH PROMOTION AND EDUCATION				Health Promotion and Education MSP202			3	4
			EPIDEMIOLOGY		Epidemiology MSP203		Environmental and Occupational Health MSP204	Applied Epidemiology MSP205		9	13
			MANAGEMENT			Healthcare Management MSP206	Health Systems Management MSP207		Quality and Safety in Health Care MSP208	9	15
SPECIALIZED		CAPSTONE							Elective Course OSP001	3	4
			INTEGRATION					Health Diagnosis in Field Practices MSP304	Public Health Program Evaluation MSP305	6	8
			RESEARCH			Research Methodology MSP306		Research in Public Health MSP307		6	8
		TOTAL		3	3	3	3	3	3	54	83

TC MX	83
TC USA	42

MASTER'S DEGREE IN
PUBLIC HEALTH

MODALITY: Online education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/01/1637/2016

ACADEMIC PROGRAM PURPOSE

It trains Masters in Public Health who intervene with proposals for policies, plans and programs of action within the framework of the essential functions of public health, through the application of methodological, social and ethical aspects that respect the human person in his or her dignity and freedom, with the aim of promoting the strengthening and consolidation of health systems with an interdisciplinary approach.

ENTRY PROFILE

Knowledge

- Explains articles in English.

- Describes public health problems.

- Explains scientific texts.

- Identifies the elements of basic statistics.

- Distinguishes programs in the area of health.

Abilities and/or skills

- Uses basic computer software.

- Has the capacity to synthesize information.

- Formulates solutions to problems.

- Works in multidisciplinary teams.

Attitudes and Values

-Is committed to continuous work.

- Is an ethical, responsible and respectful person.

- Vocation for the pursuit of the welfare of individuals and groups, without discrimination.

- Is interested in public health problems.

Habits:

- Critical, logical and creative thinking.

- Habit of reading in the area of public health.

- Habit of observation and reflection.

- Works in a methodical and hierarchical way.

- Habit of independent study.

THE GRADUATION PROFILE FOR THE MASTER IN PUBLIC HEALTH

- Designs public health research projects.

- Evaluates public health programs in different contexts.

- Applies communicative strategies and proposes actions to improve the level of health based on the health diagnosis of the population.

- Designs intervention strategies promoting the improvement of healthy lifestyles.

- Develops research and divulgation articles in the area of public health.

- Assesses the distribution of environmental, biological and cultural risks.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

MASTER'S DEGREE IN PUBLIC HEALTH (GROUNDED EDUCATION)

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS							TH	TC
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	INSTITUTIONAL	PUBLIC HEALTH	Fundamentals of Public Health SPU501						3	5
				Social Sciences in Public Health SPU502						3	5
			HUMAN DEVELOPMENT	Bioethics SPU520						3	7
FOUNDATIONAL		PROFESIONAL	ECONOMICS		Health Economics SPU503					3	4
			BIOSTATISTICS		Biostatistics SPU504	Biostatistics and Data Processing SPU506				6	10
			HEALTH PROMOTION AND EDUCATION				Health Promotion and Education SPU509			3	4
			EPIDEMIOLOGY		Epidemiology SPU505		Environmental and Occupational Health SPU510	Applied Epidemiology SPU512		9	13
			MANAGEMENT			Healthcare Management SPU507	Health Systems Management SPU511		Quality and Safety in Health Care SPU515	9	15
SPECIALIZED		CAPSTONE	INTEGRATION						Elective Course	3	4
								Health Diagnosis in Field Practices SPU513	Public Health Program Evaluation SPU516	6	8
			RESEARCH			Research Methodology SPU508		Research in Public Health SPU514		6	8
			TOTAL	3	3	3	3	3	3	54	83

TC MX	83
TC USA	42

COLLEGE OF ENGINEERING

BACHELOR´S DEGREE

- BIONIC ENGINEERING
- CIVIL ENGINEERING
- INDUSTRIAL ENGINEERING
- MECHATRONICS ENGINEERING
- SOFTWARE ENGINEERING
- COMPUTER SCIENCE AND SYSTEMS ENGINEERING
- INDUSTRIAL CHEMISTRY ENGINEERING
- AUTOMOTIVE DESIGN ENGINEERING
- AEROSPACE ENGINEERING
- INDUSTRIAL ENGINEERING
- NDUSTRIAL PROJECT ENGINEERING

MASTER´S DEGREE

- STRATEGIC PLANNING AND TECHNOLOGY MANAGEMENT
- LOGISTICS AND SUPPLY CHAIN MANAGEMENT
- INTEGRATED MANUFACTURING SYSTEMS AND QUALITY STRATEGIES
- MECHATRONICS ENGINEERING
- DATA SCIENCE AND BUSINESS INTELLIGENCE
- INDUSTRIAL INNOVATION ENGINEERING
- LOGISTICS AND SUPPLY CHAIN MANAGEMENT
- DATA SCIENCE AND BUSINESS INTELLIGENCE

DOCTORATE DEGREE

- STRATEGIC PLANNING AND TECHNOLOGY MANAGEMENT
- LOGISTICS AND SUPPLY CHAIN MANAGEMENT
- MECHATRONICS ENGINEERING
- INFORMATION TECHNOLOGIES AND ELECTRONIC BUSINESS
- STRATEGIC PLANNING AND TECHNOLOGY MANAGEMENT
- LOGISTICS AND SUPPLY CHAIN MANAGEMENT
- MECHATRONICS ENGINEERING
- INFORMATION TECHNOLOGIES AND ELECTRONIC BUSINESS

COLLEGE OF ENGINEERING

BACHELOR'S DEGREE IN

BIONIC ENGINEERING

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/1534/2016

ACADEMIC PROGRAM PURPOSE

It trains Bionic Engineering Bachelors, who integrate interdisciplinary improvement programs in health institutions and apply science and technology in biomedical instrumentation, in people and veterinary medicine, through innovation, design, operation and maintenance of systems and hospital equipment for diagnosis and rehabilitation, to generate proposals aimed at the implementation of technological actions that meet the needs in the field of health, in the regional, national and international context, with a humanistic vision and professional ethics.

ENTRY PROFILE

Knowledge

- Defines the basic fundamentals of the natural sciences.

- Recognizes basic science notions of mathematics, physics and chemistry.

- Identifies basic computer programs.

- Interprets basic English language.

Skills

- Observes, analyzes and synthesizes information.

- Employs analytical and synthetic reasoning.

- Solves physical-mathematical problems.

- Creativity and imagination.

Attitudes and/or values

- Values the dignity of living beings.

- Inclination for the exact sciences.

- Values collaborative and multidisciplinary work.

- Responsibility.

Habits

- Systematizes responsible actions.

- Openness to continuous learning.

- Observation and reflection.

- Order and disciplin.

THE GRADUATION PROFILE FOR THE BACHELOR IN BIONIC ENGINEERING

Solve problems related to bionic instrumentation.

Develop prosthetics and osteoses.

Provide technical support and maintenance to health-related equipment.

Prepare reports that meet the technical, safety and environmental requirements of the health sector.

Design bionic instrumentation and equipment.

Develop bionic engineering projects related to the technology of prevention and rehabilitation in people and animals

Establish procedures for the prevention, technical support and conditioning of facilities to medical equipment.

PROGRAM CURRICULAR LINES

The program has a number of 64 subjetcs that can be taken on a flexible curriculum in 9 school periods.

This second point each academic program should be developed according to its structure. The intention is not to make a description of the contents of each of the courses, but an overview of each block.

It consists of:

General Education (institutional curricular line): General courses, which consist of the integral training of the student and the study of foreign languages.

FHU006: Person and Truth; FHU007: Person and Freedom; FHU008: Person, Family and Society; FHU009: Person and Transcendence; FHU010: Contemporary Person and Culture; FHU011: Mexican Person and Identity.

OPI001: Language and culture optional 01; OPI002: Language and culture optional 02; OPI003: Language and culture optional 03; OPI004: Language and culture optional 04.

Propaedeutic Training (if any): courses to help the student improve their deficiencies and continue their academic curriculum.

University Mathematics Basics; Basic English, Intermediate English 1, Intermediate English 2

Theoretical Training (basic professional curricular line): courses that develop the theoretical skills of the student through a common university curricular line.

FIS021: Static; FIS023: Material Mechanics; FIS031: Material Mechanics; FIS024: Materials Science; FIS025: Thermodynamics; QUI020: General Chemistry; TCDD101: Programming Basics; TCD102: Data Structure; TCD202: Advanced Programming; MIN003: Mathematics I; MIN004: Mathematics II; MIN005: Mathematics III; MIN0006: Mathematics IV; MIN009: Linear Algebra; MN007: Probability and Statistics. LIB102:

Basics of Bionic Engineering; MEC105: Measurement and instrumentation; MEC104: Mechanical Drawing; BIO003: Molecular Biology; LIB103: Bioelectromagnetism.

Disciplinary training (professional curricular line and elective curricular line), specialization courses that make up the common curricular line and professional curricular line.

LIB205: Bioelectricity; LIB206: Signal Processing; LIB207: Bionic Instrumentation; LIB208: Clinical Engineering; LIB209: Biomaterials; LIB210: Biomechanics; LIB211: Prosthetic systems; LIB211: Prosthetic Design. MVZ106: Introduction to veterinary medicine and zootechnics; MED026: Skeletal Muscular Anatomy; IMA216: Metrology; IDA101: Computerized mechanical drawing, IMA002: Prototyping; MEC215: Machines and Mechanisms; MEC216: Mechanical Design; IQI005: Fluid mechanics; MEC219: Electro-Oleoneumatic Systems; IET102: Circuit analysis; IET201: Electronic Amplifiers; IET202: Electronic filters; IET400: Signal sensors and conditioners; MEC220: Electrical machines; MEC221: Power Electronics; IET204: Microprocessors and microcontrollers; MEC212: Digital Interfaces; MEC213:Embedded Systems; IET211: Fiber optic technology.

Research courses (terminal curricular line): courses with research profile and project development, which integrates a project or final work.

LIB405: Modeling of Bionic Systems.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN BIONICS ENGINEERING
GROUNDED EDUCATION

TYPE (vertical): INSTRUMENTAL · FOUNDATIONAL · SPECIALIZED
COMPETENCIES (vertical, spanning): FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL

TYPE	CORE	CURRICULUM AREAS	S1	S2	S3	S4	S5	S6	S7	S8	S9	TH	TC
INSTRUMENTAL	INSTITUCIONAL	HUMANIST FORMATION	Person and Truth FHU006		Person and Freedom FHU007	Person, Family, and Society FHU008	Person and Transcendence FHU009					12	24
				Person and Contemporary Culture FHU010	Person and the Mexican Identity FHU011							6	12
		LANGUAGE AND CULTURE	Language and Culture Elective 1 OPI001	Language and Culture Elective 2 OPI002	Language and Culture Elective 3 OPI003	Language and Culture Elective 4 OPI004						18	40
FOUNDATIONAL	PROFESSIONAL FOUNDATIONS	COMPUTING		Fundamentals of Programming TCD101	Data Structures TCD102	Numerical Programming TCD203						12	24
		MATHEMATICS	Mathematics I MIN003	Mathematics II MIN004	Mathematics III MIN005	Mathematics IV MIN006						18	40
			Linear Algebra MIN009	Probability and Statistics MIN007								9	20
		PHYSICS	Statics FIS021	Dynamics FIS022								9	20
			Materials Science FIS024	Mechanics of Materials FIS023	Thermodynamics FIS025							13.5	30
		FUNDAMENTALS OF BIONICS	Fundamentals of Bionic Engineering LIB102	Measurement and Instrumentation MEC105	Mechanical Drawing MEC104							7.5	14
			Molecular Biology of the Cell BIO003		Bioelectromagnetism LIB103							9	16
SPECIALIZED	PROFESIONAL	BIONICS INSTRUMENTATION				Bioelectricity LIB205			Biosignal Processing LIB206	Bionics Intrumentation LIB207	Clinical Engineering LIB208	18	24
		ORTHOTICS AND PROSTHETICS				Biomaterials LIB209	Biomechanics LIB210	Prosthetic Systems LIB211	Prosthetic Design LIB212			16.5	24
		MEDICINE					Introduction to Veterinary Medicine and Zootechnics MVZ106					6	12
							Musculoskeletal Anatomy MED026					4.5	10
		MECHANICS				Computer-Aided Mechanical Drawing IDA101	Metrology IMA216	Prototype Manufacturing IMA002	Machines and Mechanisms MEC215	Mechanical Design MEC216		22.5	32
							Fluid Mechanics IQI005				Electro-Pneumatic-Oil Systems MEC219	9	13
		ANALOG ELECTRONICS				Circuit Analysis IET102		Electronic Amplifiers IET201	Electronic Filters IET202	Sensors and Signal Conditioning IET400		18	24
									Electrical Machines MEC220	Power Electronics MEC221		9	12
		DIGITAL ELECTRONICS					Microprocessors and Microcontrollers IET204	Digital Interface MEC212	Embedded Systems MEC213			13.5	18
									Optical Fiber Technology IET211			4.5	6
		COMMUNICATIONS					Electromagnetic Theory IET206	Communication Systems IET207			Telemetry MEC214	13.5	18
	ELECTIVE	ENTREPRENEURSHIP						Entrepreneurial Model EMP001	Entrepreneurship Elective OEM001	Entrepreneurship Elective OEM002	Entrepreneurship Elective OEM003		
		BIOMEDIC ENGINEERING						Animal Orthopedics MVZ002	Orthotics and Prosthetics in Companion Animals MVZ003	Biosignals LIB300	Bioinstrumentation LIB301	18	24
		AUTOMATIZATION						Virtual Instrumentation MEC316	Real-Time Embedded Systems MEC317	Robotics MEC318	Medical Robotics MEC020		
	CAPSTONE	INTEGRATION									Modeling of Bionic Systems LIB405	4.5	6
TOTAL			8	8	8	8	8	6	8	5	5	271.5	463

TC MX	463
TC USA	232

BACHELOR'S DEGREE IN
CIVIL ENGINEERING

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: 20192740

ACADEMIC PROGRAM PURPOSE

It trains Bachelors in Civil Engineering, with an ethical and humanistic sense, who plan, design, build, supervise, manage and provide maintenance to civil works in any public, private or research environment, through the observation, analysis, evaluation and optimization of material, financial and human resources of civil projects, to provide solutions to problems regarding infrastructure and construction.

ENTRY PROFILE

Knowledge

- Recognizes the basic notions of mathematics, physics and chemistry.

- Distinguishes the techniques and tools of engineering.

- Analyzes the tools of information technologies

- Lists physical/natural phenomena and their effects.

Skills

- Applies observation to identify social problems and needs

- Uses English language at a basic level

- Uses common sense, creativity and inventiveness

Attitude/value

- Interested in teamwork

- Works with responsibility

- Cares for the environment

THE GRADUATION PROFILE FOR THE BACHELOR IN CIVIL ENGINEERING

Design, build and supervise infrastructure works.

Plan, schedule and control civil engineering works and services.

Direct and execute the maintenance and rehabilitation of the buildings.

Assess and mitigate the environmental impact of infrastructure works.

Direct and lead human talent, as well as manage material and financial resources in civil engineering projects.

Propose solutions that contribute to the sustainable development and resilience of buildings.

Apply knowledge of the basic sciences and sciences of civil engineering.

Use information technologies, software and tools for civil engineering.

Interact with multidisciplinary groups and provide comprehensive civil engineering solutions.

PROGRAM CURRICULAR LINES

The program has a number of 62 courses that can be taken on a flexible curriculum in 9 school periods.

This second point each academic program should be developed according to its structure. The intention is not to make a description of the contents of each of the courses but an overview of each block.

It consists of:

General Education (institutional curricular line): General courses, which consist of emphasizing student training under the UPAEP profile.

Person and Truth

Person and Freedom

Person, Family and Society

Person and Contemporary Culture

Person and the Mexican Identity

Person and Transcendence

Entrepreneurship

Advanced English I

Advanced English II

Global Perspective

Propedeutic Training (if you contemplate it) consisting of.... (same in each case)

Introduction to University Mathematics

Basic Physics

Basic English I

Basic English II

Intermediate English I

Intermediate English II

Theoretical training (basic professional curricular line), consisting of multidisciplinary elementary courses that provide the theoretical foundations of the basic sciences of engineering.

Differential calculus of one variable

Integral calculus of one variable

Multivariable calculus

Ordinary Differential Equations

Statistical methods for engineering

Linear Algebra with applications

Statics

Dynamics

Electromagnetism

Civil Engineering Tools for Analysis I

Civil Engineering Tools for Analysis II

General Chemistry

Fundamentals of Civil Engineering

Construction Materials

Concrete Technology

Engineering Drawing

Topography

Structural Behavior I

Disciplinary training (professional curricular line and elective curricular line), consisting of courses typical of the formation of civil engineering and focus on 6 curricular lines. (Construction, structures, geotechnical, hydraulics, land roads and construction management)

Construction Procedures

Electrical Installations

Sustainable Development in Civil Engineering

Executive Project Design

Planning, programming and control of the work site

Construction Project Management

Cost and Estimating

Formulation and Evaluation of Construction Projects

Structural Behavior II

Structural Analysis

Structural Design Criteria

Concrete Structure Design

Steel Structure Design

Design of Masonry Structures

Earthquake Engineering

Geology

Soil behavior

Soil Mechanics

Soil Mechanics Laboratory

Geotechnical Design of Foundation

General Hydraulics

Hydraulic Channels

Hydraulic and Sanitary Facilities

Hydrology

Hydraulic Works

Highways I

Highways II

Highways Laboratory

Transportation

Selected Topics in Civil Engineering I

Selected Topics in Civil Engineering II

Selected Topics in Entrepreneurship I

Selected Topics in Entrepreneurship II

Integrative Project of Social Relevance I

Integrative Project of Social Relevance II

General Education Electives 1

General Education Electives 2

Research courses (terminal curricular line), which consists of recognizing and applying methodological tools to raise, carry out and develop reports of research work.

Civil Engineering Pre-Graduation Seminar

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN CIVIL ENGINEERING
GROUNDED EDUCATION

TYPE: FOUNDATIONAL; DISCIPLINARY
COMPETENCIES: INSTITUTIONAL, PROFESSIONAL, AND COURSE
CORE: INSTITUTIONAL; PROFESSIONAL FOUNDATIONS; PROFESSIONAL

CURRICULUM AREAS										TICH	TOCH	TC
HUMANIST FORMATION	Person and Truth FHU006	Person and Freedom FHU007	Person, Family, and Society FHU008	Person and Contemporary Culture FHU010	Person and the Mexican Identity FHU011	Person and Transcendence FHU009				18	18	36
ENTREPRENEURSHIP					Entrepreneurship EMP026					4.5	2.5	7
LANGUAGES			Advanced English I ING115	Advanced English II ING116	Global Perspective ING117					13.5	16.5	30
MATHEMATICS	Differential Calculus of One Variable MAT111	Integral Calculus of One Variable MAT112	Multivariable Calculus MAT113	Ordinary Differential Equations MAT114						18	11	29
MATHEMATICS		Statistical Methods for Engineering MAT205		Linear Algebra with Applications MAT115						9	7	16
PHYSICS		Statics FIS034	Dynamics FIS035		Electromagnetism FIS036					13.5	7.5	21
BASIC TECHNOLOGICAL TOOLS FOR CIVIL ENGINEERING		Analysis Tools for Civil Engineering CIV105	Analysis Tools for Civil Engineering II CIV106							9	5	14
CHEMISTRY	General Chemistry QUI033									4.5	3.5	8
CIVIL ENGINEERING	Fundamentals of Civil Engineering CIV107									3	2	5
CIVIL ENGINEERING	Construction Materials CIV108	Concrete Technology CIV109								9	5	14
CIVIL ENGINEERING	Engineering Drawing CIV110	Surveying CIV111	Structural Behavior I CIV112							10.5	7.5	18
CONSTRUCCTION			Construction Methods CIV257							9	5	14
CONSTRUCCTION							Electrical Installations CIV258			9	5	14
CONSTRUCCTION							Sustainable Development in Civil Engineering CIV259		Executive Project Design CIV260	6	4	10
ECONOMICS AND CONSTRUCTION MANAGEMENT				Construction Planning, Programming, and Control CIV261		Construction Project Management CIV262	Formulation and Evaluation of Construction Projects CIV263			13.5	7.5	21
ECONOMICS AND CONSTRUCTION MANAGEMENT						Cost Estimating CIV264				4.5	2.5	7
STRUCTURES				Structural Behavior II CIV265	Structural Analysis CIV266	Structural Design Criteria CIV267	Design of Concrete Structures CIV268	Design of Steel Structures CIV269	Earthquake Engineering CIV270	27	15	42
STRUCTURES								Design of Masonry Structures CIV271		4.5	2.5	7
GEOTECHNICS					Geology CIV272	Soil Behavior CIV273	Soil Mechanics CIV274	Geotechnical Design of Foundations CIV275		18	9	27
GEOTECHNICS							Soil Mechanics Laboratory CIV276			4.5	3.5	8
GEOTECHNICS					General Hydraulics CIV277	Channel Hydraulics CIV278	Hydrology CIV279	Hydraulic Works CIV280		18	10	28

BACHELOR'S DEGREE IN

INDUSTRIAL ENGINEERING

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: 20192585

ACADEMIC PROGRAM PURPOSE

It trains Bachelors in Industrial Engineering with a humanistic and ethical sense, who design and manage production processes in companies with a global and sustainable vision, through the application of continuous improvement and optimization philosophies, to increase efficiency and competitiveness in organizations.

ENTRY PROFILE

Knowledge

- Relates basic knowledge of mathematics, physics and chemistry.

- Identifies the logical sequence of a process.

- Analyzes how things are created.

Abilities and/or skills

- Communicates effectively orally and in writing

- Works as part of a team.

- Manages Information and Communication Technologies (ICT's) for academic study.

Attitudes and/or values

- Is interested in quality and manufacturing processes.

- Acts with responsibility to take care of the environment.

- Is inclined to the organization and measurement of processes.

- Appreciates creativity as a characteristic of the engineer.

THE GRADUATION PROFILE FOR THE BACHELOR IN INDUSTRIAL ENGINEERING

Develop innovative and sustainable production processes in an environment of flexibility, continuous improvement and safety.

Execute and manage multidisciplinary projects in organizations ensuring stakeholder satisfaction.

Evaluate and design supply chains in a globalized environment from an efficiency perspective.

Generate the audit processes of the Organizational Quality Management System.

PROGRAM CURRICULAR LINES

The program has a number of 60 courses that can be taken on a flexible curriculum in 9 school periods.

It consists of:

General Education (institutional curricular line) : General courses, consisting of courses of language training and humanist seal.

Propedeutic training (if you look at it) consisting of remedial courses of mathematics, physics and languages.

Theoretical training (basic professional curricular line), consisting of training courses in mathematics, physics, chemistry, computation and fundamentals of Industrial Engineering.

Disciplinary Training (professional curricular line and elective curricular line), consisting of materials related to training in Information Technologies, Manufacturing Processes, Productivity, Optimization, Projects, Logistics and Quality, as well as terminal lines.

Research courses (terminal curricular line), consisting of a course on degree seminary.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

SEMI-GROUNDED EDUCATION

COMPETENCIES: INSTITUTIONAL, PROFESSIONAL AND COURSE

CORE	CURRICULUM AREAS	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14	S15	S16	S17	S18	TICH	TOCH	TC
INSTITUTIONAL	HUMANIST FORMATION	Person and Truth FHU006			Person, Family, and Society FHU008	Person and Transcendence FHU009														42	246	18
PROFESSIONAL FOUNDATIONS	MATHEMATICS		Mathematics I MAT001	Mathematics II MAT002	Mathematics III MAT004	Mathematics IV MAT005														56	328	24
	MATHEMATICS				Probability and Statistics MAT006		Applied Statistics MAT007													28	164	12
	PHYSICS		Statistics IND001	Materials Science IND005		Dynamics IND002	Mechanics of Materials IND006	Electromagnetism IND003	Electrical Engineering IND004	Thermodynamics IND007										98	574	42
	CHEMISTRY		General Chemistry IND008																	14	82	6
	PROGRAMMING						Fundamentals of Programming COM001	Numerical Methods COM002												28	164	12
	INDUSTRIAL ENGINEERING	Introduction to Industrial Engineering IND100																		14	82	6
	TECHNICAL DRAWING							Metrology and Technical Drawing IND102												14	114	8
PROFESIONAL	SUPPLY CHAIN								Operations Management and Supply Chain IND217											14	114	8
	DESIGN AND SAFETY IN THE WORKPLACE								Motion Study IND201		Work Measurement IND202	Safety and Hygiene in the Workplace IND203	Ergonomics IND204							56	328	24
	OPERATIONS RESEARCH										Operations Research IND218		Decision Models IND220		Systems Simulation IND222					42	342	24
	INDUSTRIAL QUALITY									Industrial Experiments Design IND208	Statistical Process Control IND209	Quality Management Systems IND219	Management Systems Audit IND221							56	392	28
	ACCOUNTING STUDIES									Financial Information system LCP107		Cost Information Systems LCP108								28	228	16
	LAW													Labor Law and its Relation to Social Security DER001						14	82	6
	INDUSTRIAL PROJECTS													Economics LAE001	Economic Engineering IND212	Project Evaluation IND213	Project Management IND214			56	328	24
	LOGISTICS															Logistics I IND215	Logistics II IND216			28	164	12
	INDUSTRIAL PROCESSES																	Manufacturing Processes I IND223	Manufacturing Processes II IND224	28	228	16
CAPSTONE	INTEGRATION																	Direction of the Company's Strategic Growth LAE200		14	82	6
	RESEARCH																		Design and Innovation in Processes IND301	14	114	8
	TOTAL	2	4	2	3	3	3	4	3	3	3	3	3	2	2	2	2	2	2	**644**	**4156**	**300**

TC MX	300
TC USA	150

BACHELOR'S DEGREE IN

MECHATRONICS ENGINEERING

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: 20192780

ACADEMIC PROGRAM PURPOSE

It trains Bachelors in Mechatronics Engineering, capable of designing, updating and/or modifying production lines, components and sustainable, feasible and low-cost devices, as well as introducing new technologies to the industry-company according to its context, through the development of elements in mechatronic systems and approach of integral and multidisciplinary solutions in the mechanical, electronic and software areas; to diagnose, automate, innovate and implement solutions in the manufacturing, automotive and electrical sector, all this in an integral, ethical and humanistic way.

ENTRY PROFILE

Knowledge

- Recognizes the basic notions of mathematics, physics and chemistry.

- Identifies basic computer programs.

- Names the basic mechanical and electronic parts of machines.

Abilities and/or skills

- Uses observation, analysis and synthesis

- Uses creativity and inventiveness

- Solves physical-mathematical problems

- Communicates effectively

Attitudes and/or values

- Shows taste for experimental work

- Appreciates working in multidisciplinary teams

- Willingness to work in extended time sessions

THE GRADUATION PROFILE FOR THE BACHELOR IN MECHATRONICS ENGINEERING

Diagnose the needs of mechanical, electrical operation and software update of machines and appliances of the company.

Design maintenance plans and programs for the prevention and correction of faults in mechatronic systems.

Build mechanical and electronic elements using computational and simulation tools.

Develop electronic circuits using the interconnection of technological elements and devices.

Integrate computational, electronic, mechanical and control elements for the automation of manufacturing systems or processes.

Propose technological and manufacturing solutions for the integration of mechatronic models or prototypes.

PROGRAM CURRICULAR LINES

The program has a number of 68 courses that can be taken on a flexible curriculum in 9 school periods.

This second point each academic program should be developed according to its structure. The intention is not to make a description of the contents of each of the courses, but an overview of each block.

It consists of:

General Education (institutional curricular line): General courses, which consist of the integral training of the student and the study of foreign languages.

FHU006: Person and Truth; FHU007: Person and Freedom; FHU008: Person, Family and Society; FHU009: Person and Transcendence; FHU010: Contemporary Person and Culture; FHU011: Mexican Person and Identity.

OPI001: Language and culture optional 01; OPI002: Language and culture optional 02; OPI003: Language and culture optional 03; OPI004: Language and culture optional 04.

Propaedeutic Training (if any): courses to help the student improve their deficiencies and continue their academic curriculum.

University Mathematics Basics; Basic English, Intermediate English 1, Intermediate English 2

Theoretical Training (basic professional curricular line): courses that develop the theoretical skills of the student through a common university curricular line.

FIS021: Static; FIS023: Material Mechanics; FIS031: Material Mechanics; FIS024: Materials Science; FIS026: Electromagnetism; FIS025: Thermodynamics; FIS026:

Electromagnetism; QUI020: General Chemistry; TCDD101: Programming Basics; TCD102: Data Structure; TCD202: Advanced Programming; MIN003: Mathematics I; MIN004: Mathematics II; MIN005: Mathematics III; MIN0006: Mathematics IV; MIN009: Linear Algebra; MN007: Probability and Statistics. MEC103: Fundamentals of Mechatronic Engineering; MEC105: Measurement and instrumentation; MEC104: Mechanical Drawing; IDA101: Computerized Mechanical Drawing; IMA216: Metrology; IET101: Digital systems; IET102: Circuit analysis.

Disciplinary training (professional curricular line and elective curricular line), specialization courses that make up the common curricular line and professional curricular line.

MEC211: Computer architecture; IET204: Microprocessors and Microcontrollers; MEC212: Digital interfaces; MEC213: Embedded systems; IET205; Digital signal processing; IET200: Electronic Devices; IET201: Electronic amplifiers; Amplify; IET202: Electronic filters; IET400: Sensors and signal conditioners; MEC220: Electrical machines; MEC221: Power Electronics; IET203: Advanced Circuit Analysis; IND011: Financial Engineering; IND012: Project management; IND103: Project engineering; IET306: Telemetry; MEC214: Telemetry; MEC215: Machines and Mechanisms; Mec216: Machine design; IAE206: Mechanical vibrations; MEC217: Modeling and simulation by finite elements; IMA220: Manufacturing processes; IMA303: Computer Aided Manufacturing; MEC218: Thermodynamic Analysis; IQI005: Fluid Mechanics; MEC219: Fluid Mechanics; MEC220: Electrical machines; MEC221: Power Electronics; MEC222: Analog Control; MEC223: Digital control; Mec224: Programmable Logic Control.

Research courses (terminal curricular line): courses with a research and project development profile, which integrates a project or final work.

MEC406: Renewable Energy Technologies

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN MECHATRONICS ENGINEERING
GROUNDED EDUCATION

TYPE: INSTRUMENTAL · FOUNDATIONAL · SPECIALIZED

COMPETENCIES: FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL

CORE: INSTITUTIONAL · PROFESSIONAL FOUNDATIONS · PROFESSIONAL · ELECTIVE · CAPSTONE

CURRICULUM AREAS	1	2	3	4	5	6	7	8	9	TH	TC
HUMANIST FORMATION	Person and Truth FHU006		Person and Freedom FHU007	Person, Family, and Society FHU008	Person and Transcendence FHU009					12	24
		Person and Contemporary Culture FHU010	Person and the Mexican Identity FHU011							6	12
LANGUAGE AND CULTURE	Language and Culture Elective 1 OPI001	Language and Culture Elective 2 OPI002	Language and Culture Elective 3 OPI003	Language and Culture Elective 4 OPI004						18	40
MATHEMATICS	Mathematics I MIN003	Mathematics II MIN004	Mathematics III MIN005	Mathematics IV MIN006						18	40
	Linear Algebra	Probability and								9	20
PHYSICS	Statics FIS021	Dynamics FIS022	Electromagnetism FIS026							13.5	30
	Materials Science FIS024	Mechanics of Materials FIS023	Thermodynamics FIS025							13.5	30
FUNDAMENTALS OF ENGINEERING	Fundamentals of Mechatronics Engineering MEC103		Computer-Aided Mechanical Drawing IDA101	Metrology IMA216						10.5	18
				Manufacturing Processes I IMA219						4.5	8
COMPUTING		Fundamentals of Programming TCD101	Data Structures TCD102	Advanced Programming TCD202						13.5	26
		Mechanical Drawing MEC104			Numerical Programming TCD203					7.5	12
FUNDAMENTALS OF ELECTRONICS		Measurement and Instrumentation MEC105	Digital Systems IET101	Circuit Analysis IET102						10.5	16
DIGITAL ELECTRONICS				Computer Architecture MEC211	Microprocessors and Microcontrollers IET204	Digital Interface MEC212	Embedded Systems MEC213	Digital Signal Processing IET205		22.5	30
ANALOG ELECTRONICS					Electronic Devices IET200	Electronic Amplifiers IET201	Electronic Filters IET202	Sensors and Signal Conditioning IET400		18	24
					Advanced Circuit Analysis IET203					4.5	6
PROJECT ENGINEERING						Financial Engineering IND011	Project Management IND012	Project Engineering IND013		9	18
COMMUNICATIONS					Electromagnetic Theory IET206				Telemetry MEC214	9	12
MECHANICAL DESIGN					Adjustments and Tolerances IMA001					4.5	8
					Machines and Mechanisms MEC215	Mechanical Design MEC216	Mechanical Vibrations IAE206	Finite Element Modeling and Simulation MEC217		18	24
MANUFACTURING					Manufacturing Processes II IMA220	Computer-Aided Manufacturing IMA305				9	18
ELECTRIC MACHINES AND POWER SYSTEMS					Thermodynamic Analysis MEC218	Fluid Mechanics IQI005			Electro-Pneumatic-Oil Systems MEC219	13.5	19
						Electrical Machines MEC220	Power Electronics MEC221			9	12
CONTROL						Analog Control MEC222	Digital Control MEC223	Programmable Logic Control MEC224		13.5	18
ENTREPRENEURSHIP					Entrepreneurial Model EMP001	Entrepreneurship Elective OEM001	Entrepreneurship Elective OEM002	Entrepreneurship Elective OEM003			
AUTOMATIZATION					Virtual Instrumentation MEC316	Real-Time Embedded Systems MEC317	Robotics MEC318	Industrial Robotics MEC319		18	20
DATA NETWORKS					Data Networks ICS206	Data Transmission and Communication ICS208	Network Intercommunication ICS300	Network Management ICS301			
INTEGRATION								Renewable Energy Technologies MEC406		4.5	6
TOTAL	7	9	9	8	9	7	8	7	5	289.5	491

TC MX: 491
TC USA: 246

H = HOURS   C = CREDITS

BACHELOR'S DEGREE IN

SOFTWARE ENGINEERING

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: 20192781

ACADEMIC PROGRAM PURPOSE

To train Bachelors in Software Engineering, with an ethical and humanistic sense that develop and manage interconnected software systems, through the use of software processes, to satisfy the current needs of the industrial, governmental and social sectors both nationally and internationally.

ENTRY PROFILE

Knowledge

- Recognizes basic concepts of English and mathematics

- Identifies various aspects of general culture.

Skills

- Applies basic mathematical logical reasoning processes.

- Shows creative ability.

- Inferences different ways to solve a problem.

- Works collaboratively.

Attitudes and/or values

- Acts in a participatory manner.

- Is interested in the handling, operation and use of computers at an ethical level.

- Demonstrates initiative and desire to learn.

- Is inclined to self-learning.

THE GRADUATION PROFILE FOR THE BACHELOR IN SOFTWARE ENGINEERING

Strategically direct activities involved in the phases of the software development lifecycle.

Use methodologies and paradigms to develop software systems appropriate to current needs.

Manage human and technological resources for the optimal development of software systems.

Apply technological trends to increase the competitive capacity of organizations.

PROGRAM CURRICULAR LINES:

The program has a number of 49 courses that can be taken on a flexible curriculum in 8 school periods.

It consists of:

General Education (institutional curricular line): General courses, consisting of the courses of humanist training and optional courses of language and culture.

Theoretical Training (basic professional curricular line), which consists of establishing the general concepts of the academic program.

Disciplinary Training (professional curricular line and elective curricular line), consisting of 4 elective lines: Entrepreneurship, Disciplinary Area, Academic Systems of Social Relevance and

General Education each of the lines is composed of 2 courses

Research courses (terminal curricular line), consisting of a single course called a software engineering degree seminar.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN SOFTWARE ENGINEERING
GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS								TICH	TOCH	TC
FOUNDATIONAL	INSTITUTIONAL, PROFESSIONAL, AND COURSE	INSTITUTIONAL	HUMANIST FORMATION	Person and Truth FHU006	Person and Freedom FHU007	Person, Family, and Society FHU008	Person and Contemporary Culture FHU010	Person and the Mexican Identity FHU011	Person and Transcendence FHU009		18	18	36
			ENTREPRENEURSHIP				Entrepreneurship EMP026				4.5	2.5	7
			LANGUAGES	Language Elective I OPI009	Language Elective II OPI010	Global Perspective ING117					13.5	16.5	30
		PROFESSIONAL FOUNDATIONS	MATHEMATICS	Differential Calculus of One Variable MAT111	Integral Calculus of One Variable MAT112						9	5	14
				Mathematics for Computing ICS009	Statistical Methods for Engineering MAT205						9	6	15
			PROGRAMMING AND SOFTWARE ENGINEERING	Fundamentals of Programming TCD101	Data Structure TCD003	Object-Oriented Analysis and Design TCD004	Object-Oriented Programming TCD005				18	13	31
						Software Engineering ISW101	Advanced Programming TCD202				7.5	5.5	13
			COMPUTER ARCHITECTURE	Principles of Information Technology TCD006		Computer Networks ICS010					7.5	5.5	13
DISCIPLINARY		PROFESSIONAL	INFORMATION MANAGEMENT			Database TCD007	Advanced Database TCD205				9	6	15
			DATABASE SOFTWARE			Formal Languages and Automata Theory TCD008	Operating Systems TCD207				9	6	15
			SOFTWARE ENGINEERING				Requirements Engineering ISW214	Software Design and Architecture ISW215	Agile Management of Software Projects ISW216	Software Processes for the Industry ISW217	18	10	28
							Software System Testing ISW218	Software System Maintenance ISW219	Software Quality ISW220	13.5	7.5	21
							Personal Software Process I ISW221	Personal Software Process II ISW222	Project Management and Software Development Teams ISW223	13.5	7.5	21
								Software Metrics and Estimation ISW224	Systems Engineering ISW225	6	4	10
			HUMAN-MACHINE INTERACTION			Usability Engineering ISW226	Artificial Intelligence ICS011		Muilti-platform App Development ISW229	10.5	8.5	19
						Mobile Device Programming ISW227	Web Development TCD400	Web Development for Mobiles ISW228		12	10	22
		ELECTIVE	ENTREPRENEURSHIP					Entrepreneurship Elective 1 OEM007	Entrepreneurship Elective 2 OEM008			
			DISCIPLINARY AREA					Selected Topics: Trends in Software Engineering ISW300	Selected Topics:Software Engineering Innovation ISW301		12	12	24
			ACADEMIC SYSTEMS OF SOCIAL RELEVANCE					Integrative Project of Social Relevance I VAS001	Integrative Project of Social RelevanceII VAS002			
			GENERAL EDUCATION					General Education Elective 1 VAS003	General Education Elective 2 VAS004			
		CAPSTONE	RESERACH						Software Engineering Pre-Graduation Seminar ISW402	3	3	6
			TOTAL	6	5	6	6	6	5	7	8	193.5	146.5	340

TC MX	340
TC USA	170

Students must choose two elective lines from the four existing lines and study four courses, two for each selected line.

BACHELOR'S DEGREE IN

COMPUTER SCIENCE AND SYSTEMS ENGINEERING

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: 20192779

ACADEMIC PROGRAM PURPOSE

It trains Bachelors in Computer Science and Systems Engineering, with ethical and humanistic sense, who analyze, develop and implement solutions with computer systems, through the integration of elements of computing, networks, intelligent systems and mobile systems, in order to provide timely technological solutions to the needs in the software industry that arise at local, regional, national and international levels, with an attitude of service and professional responsibility.

ENTRY PROFILE

Knowledge

- Recognizes basic concepts of English, computer and mathematics.

- Identifies various aspects of general culture.

Abilities and/or skills

- Collaborates in work teams.

- Infer different ways to solve a problem.

- Analyzes and synthesizes information from different sources in an abstract way.

- Communicates adequately in oral and written form.

- Discriminates critically the information obtained from different sources.

Attitudes and/or values

- Interest in the handling, operation and use of computers.

- Demonstrates initiative and desire to learn.

- Seeks to remain updated in the technological trend through the discipline of self-learning.

- Values truth and justice.

THE GRADUATION PROFILE FOR THE BACHELOR IN COMPUTER SCIENCE AND SYSTEMS ENGINEERING

Implement computer and communications network projects

Minimize security vulnerabilities in systems and networks

Design and Implement AI-based solutions

Encourage technological innovation in problem solving in organizations.

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

PROGRAM CURRICULAR LINE

CURRICULAR MAP

General Education (institutional curricular line): General courses, consisting of the courses of humanist training and optional courses of language and culture.

Theoretical Training (basic professional curricular line), which consists of establishing the general concepts of the academic program.

Disciplinary Training (professional curricular line and elective curricular line), consisting of 3 optional lines: Entrepreneurship, Networking and Artificial Intelligence and each of the lines is composed of 3 courses.

Research courses (terminal curricular line), consisting of 2 curricular lines, one integration and one research where students are sought to carry out a project for their degree

CURRICULAR MAP

BACHELOR'S DEGREE IN COMPUTER SCIENCE AND SYSTEMS ENGINEERING
GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS									TH	TC
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	INSTITUTIONAL	HUMANIST FORMATION	Person and Truth FHU006	Person and Freedom FHU007			Person, Family, and Society FHU008				9	18
					Person and Contemporary Culture FHU010			Person and the Mexican Identity FHU011		Person and Transcendence FHU009		9	18
			LANGUAGE AND CULTURE	Language and Culture Elective 1 OPI001	Language and Culture Elective 2 OPI002	Language and Culture Elective 3 OPI003	Language and Culture Elective 4 OPI004					18	40
		PROFESSIONAL FOUNDATIONS	MATHEMATICS	Mathematics I MIN003	Mathematics II MIN004	Mathematics III MIN005	Mathematics IV MIN006					18	40
				Mathematics for Computing ICS001	Linear Algebra MIN009	Probability and Statistics MIN007						13.5	28
			FUNDAMENTALS OF COMPUTING	Introduction to Information Technology TCD100	Fundamentals of Programming TCD101	Data Structure TCD102						10.5	22
			BASIC ELECTRONICS		Measurement and Instrumentation MEC105							1.5	4
FOUNDATIONS		PROFESSIONAL	ADVANCED ELECTRONICS			Digital Systems IET101	Computer Architecture MEC211		Embedded Computing ICS204			13.5	18
			PROGRAMMING			Object-Oriented Analysis and Design TCD200	Object-Oriented Programming TCD201		Numerical Programming TCD203			12	24
						Advanced Programming TCD202			Graphics and Animation ICS205	Mobile Device Programming ISW211		13.5	24
			NETWORKS			Data Networks ICS206	Wireless Networks ICS207	Network Security ICS007	Data Transmission and Communication ICS208	Cibersecurity ICS209		21	32
			BASIC SOFTWARE				Automata Theory TCD206	Operating Systems TCD207	Distributed Systems ICS004			13.5	24
			SOFTWARE ENGINEERING			Software Engineering ISW100		Requirement Engineering ISW200				7.5	14
			INFORMATION MANAGEMENT					Database TCD204	Advanced Database TCD205			9	14
			HUMAN-MACHINE INTERACTION					Artificial Intelligence ICS008	Artificial Intelligence Methods ICS210			6	12
									Artificial Vision ICS211			3	6
			PROJECT MANAGEMENT						Operations Research IND222			4.5	8
SPECIALIZED		ELECTIVE					Entrepreneurial Model EMP001		Economic Engineering IND106	Software Processes for the Industry ISW203		12	21
			ENTREPRENEURSHIP						Entrepreneurship Elective OEM001	Entrepreneurship Elective OEM002			
										Entrepreneurship Elective OEM003			
			NETWORKS						Network Intercommunication ICS300	Network Management ICS301		13.5	16
										The Internet of Things ICS302			
			ARTIFICIAL INTELLIGENCE						Mobile Robotics: Reasoning, Actions, and Planning ICS303	Intelligent Systems ICS304			
										Autonomous Multirobot Systems ICS305			
		CAPSTONE	INTEGRATION					Web Development TCD400		Technology Integration ICS408		7.5	14
			RESEARCH						Technological Innovation ICS409	Pre-Graduation Seminar ISW401		4.5	10
			TOTAL	5	7	7	8	8	8	8	5	216	407

TC MX	407
TC USA	204

BACHELOR'S DEGREE IN

INDUSTRIAL CHEMISTRY ENGINEERING

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: 20192918

ACADEMIC PROGRAM PURPOSE

It trains Bachelor Industrial Chemical Engineers with ethical and humanistic vision to design, operate and optimize chemical transformation processes, through the use of conservation principles, thermodynamic, kinetic and transport analysis, as well as the use of unitary operations; in order to develop consumer goods and sustainable industrial chemical engineering projects.

ENTRY PROFILE

Knowledge

- Recognizes the physical relationships between speed, force, mass and work.

- Identifies the properties of matter and its physical and chemical changes.

- Distinguishes the basic concepts of inorganic and organic chemistry.

- Interprets the elements of a mathematical functional relationship.

Abilities and/or skills

- Communicates effectively in oral and written form

- Manages basic algebra mathematical operations.

- Uses the English language to read texts.

- Uses basic principles of chemistry and physics to solve problems.

Attitudes and/or values

- Is aware of environmental care.

- Is inclined to perform laboratory experiments.

- Values the importance of congruence.

- Acts responsibly in the construction of their academic formation.

THE GRADUATION PROFILE FOR THE BACHELOR IN INDUSTRIAL CHEMISTRY ENGINEERING

Design new sustainable chemicals and processes to meet social and market demands.

Use control and optimization tools in industrial chemical processes

Demonstrate skills in the implementation and execution of projects in the transformation industry

Plan processes based on industrial safety standards and guidelines.

Assess the feasibility of using alternative energies to promote a culture of environmental protection.

Propose viable solutions to problems in your professional field based on research tasks and projects.

CURRICULAR MAP

The program has a number of 57 courses that can be taken on a flexible curriculum in 9 school periods.

Institutional curricular line. Emphasizes student training under the UPAEP profile. It has 3 curricular lines:

a) Humanist Formation

b) Entrepreneurship

c) Languages

Professional basic curricular line. They are elementary courses of the curriculum project and have 4 lines:

a) Chemistry

b) Mathematics

c) Physics

d) Basic engineering

Professional curricular line. These courses are typical of the area that allows students to be disciplined. It has 6 curricular lines:

a) Analytical Chemistry

b) Unit operations

c) Reactors and Control-Instrumentation

d) Project Design

e) Industrial Management

f) Emerging trends in Chemical Engineering

Optional curricular line. It concentrates elective courses, depending on specialized training in some complementary area of the discipline. It consists of 4 curricular lines:

a) Entrepreneurship

b) Discipline area

c) Academic Systems of Social Relevance

d) General Training

The student will choose one of the existing lines by taking the courses that make up it; this equates to 24 credits.

Terminal curricular line. It consists of a line.

a) Research

The Bachelor's Program in Industrial Chemical Engineering consists of 421 credits and 57 courses; which the student will take a minimum of 2 and a maximum of 8 courses per period, covering a minimum of 16 and a maximum of 56 credits per period.

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN GASTRONOMY
GROUNED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS								TICH	TOCH	TC
FOUNDATIONAL	INSTITUTIONAL, PROFESSIONAL, AND COURSE	INSTITUTIONAL	HUMANIST FORMATION	Person and Truth FHU006	Person and Freedom FHU007	Person, Family, and Society FHU008	Person and Contemporary Culture FHU010	Person and the Mexican Identity FHU011	Person and Transcendence FHU009		18	18	36
			ENTREPRENEURSHIP						Entrepreneurship EMP026		4.5	2.5	7
			LANGUAGES	Advanced English I ING115	Advanced English II ING116	Global Perspective ING117					13.5	16.5	30
		PROFESSIONAL FOUNDATIONS	CHEMISTRY	General Chemistry QUI033	Inorganic Chemistry QUI035	Organic Chemistry QUI036					15	11	26
			MATHEMATICS	Differential Calculus of One Variable MAT111	Integral Calculus of One Variable MAT112	Multivariable Calculus MAT113	Ordinary Differential Equations MAT114				18.0	11.0	29
			PHYSICS		Dinamycs FIS035		Electrical Engineering FIS041				9.0	6.0	15
			BASIC ENGINEERING	Fundamentals of Industrial Chemistry Engineering IQI100	Mass and EnergyBalances IQI101	Thermodynamics I IQI102 / Numerical Methods ICS005	Thermodynamics II IQI103 / Transport Phenomena I IQI105	Thermodynamics III IQI104 / Transport Phenomena II IQI106			34.5	26.5	61
DISCIPLINARY		PROFESSIONAL	ANALYTICAL CHEMISTRY				Analytical Chemistry QUI037		Instrumental Analysis QUI038		9.0	7.0	16
			UNIT OPERATIONS				Fluid Flow IQI223	Separation Processes I IQI221 / Heat Transfer IQI224 / Unit Operations Practices I IQI225	Separation Processes II IQI222 / Unit Operations Practices II IQI226		24.0	20.0	44
			REACTORS AND CONTROL-INSTRUMENTATION					Chemical Reactors I IQI227	Chemical Reactors II IQI228	Dynamics and Control IQI229	13.5	10.5	24
			PROJECT DESIGN							Process Design and Simulation I IQI230 / Project Engineering I IQI232	Process Design and Simulation II IQI231 / Project Engineering II IQI233 / Chemical Plant Design IQI234	22.5	17.5	40
			INDUSTRIAL MANAGEMENT				Chemical Processes Drawing COM018	Statistical Methods for Engineering MAT205	Statistical Process Control IND236 / Safety and Health in the Workplace IND237	Analysis and Industrial Improvement IND254	21.0	14.0	35
			EMERGING TRENDS IN CHEMICAL ENGINEERING				Sustainable Development ADS102	Industrial Biochemistry IQI235		Food Biotechnology QUI039	Energy Technology MEC022	16.5	11.5	28
		ELECTIVE	ENTREPRENEURSHIP							Entrepreneurship Elective 1 OEM007	Entrepreneurship Elective 2 OEM008			
			DISCIPLINARY AREA							Selected Topics in Engineering I IQI306	Selected Topics in Engineering II IQI307	12	12	24
			ACADEMIC SYSTEMS OF SOCIAL RELEVANCE							Integrative Project of Social Relevance I VAS001	Integrative Project of Social RelevanceII VAS002			
			GENERAL EDUCATION							General Education Elective 1 VAS003	General Education Elective 2 VAS004			
		CAPSTONE	RESEARCH								Industrial Chemistry Engineering Pre-Graduation Seminar IQI401	3	3	6
			TOTAL	5	6	6	7	6	6	7	7	234	187	421

TC MX	421
TC USA	211

Students must choose two elective lines from the four existing lines and study four courses, two for each selected line.

BACHELOR'S DEGREE IN

AUTOMOTIVE DESIGN ENGINEERING

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: 20192778

ACADEMIC PROGRAM PURPOSE

It trains Bachelors in Automotive Design Engineering with an ethical and humanistic approach, leaders in the areas of design and production of parts, mechanical, electrical, electronic components and automotive products, through the application of analysis techniques in the use of state-of-the-art technology and the use of design and manufacturing computer programs, as well as evaluation and project management procedures, physical and material testing, to diagnose, optimize, build and implement solutions to problems inherent to the field of manufacturing and automation of automotive mechanics, all with quality and respect for the environment.

ENTRY PROFILE

Knowledge

- Analyzes the notions of basic sciences, such as mathematics, physics and chemistry.

- Recognizes the fundamentals of technical drawing.

- Identifies basic computer programs.

Abilities and/or skills

- Uses observation, analysis and synthesis

- Uses creativity and inventiveness.

- Solves physical-mathematical problems.

- Master the basic English language.

Attitudes and/or values

- Appreciates the dignity of the human person.

- Respects the environment.

- Demonstrates tolerance and openness to new ideas.

- Values multidisciplinary collaborative work.

- Shows responsibility.

THE GRADUATION PROFILE FOR THE BACHELOR IN AUTOMOTIVE DESIGN ENGINEERING

Apply CATIA Software, Working Model 2D, SolidWorks, Edgecam, LabVIEW, for automotive design.

Employ automotive design methodologies for the development and innovation of automotive systems and components.

Evaluate the life cycle of all automotive components including: design, engineering, validation, manufacturing, recycling and/or disposal.

Use tools for electronic part programming and physical infrastructure laboratories for the design, analysis, integration and validation of automotive systems and components.

Make innovations in automotive systems and components based on virtual modeling, computer-aided engineering and experimental analysis.

Evaluate technical and customer requirements to take into account the product lifecycle from concept generation to disposal and recycling.

Create companies focused on service, manufacturing or technical consulting related to the automotive industry.

Design electrical, electronic and mechanical components for the automotive industry.

PROGRAM CURRICULAR LINES

The program has a number of 60 Courses that can be taken on a flexible curriculum In 9 school periods.

It consists of:

General Education (institutional curricular line) : General courses, consisting of courses of language training and humanist seal.

Propedeutic training (if you look at it) consisting of remedial courses of mathematics, physics and languages.

Theoretical training (basic professional curricular line), consisting of training courses in mathematics, physics, computation and automotive foundation.

Disciplinary training (professional curricular line and elective curricular line), consisting of courses related to the analysis of automotive designs, with manufacturing systems and evaluation of automotive projects, with specialty lines in engines, complete vehicle and entrepreneurship.

Research courses (terminal curricular line), which are not counted in the current plan.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN AUTOMOTIVE DESIGN ENGINEERING
GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS										TH	TC
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	INSTITUTIONAL	HUMANIST FORMATION	Person and Truth FHU006		Person and Freedom FHU007		Person, Family, and Society FHU008	Person and Transcendence FHU009				12	24
					Person and Contemporary Culture FHU010		Person and the Mexican Identity FHU011						6	12
			LANGUAGE AND CULTURE	Language and Culture Elective 1 OPI001	Language and Culture Elective 2 OPI002	Language and Culture Elective 3 OPI003	Language and Culture Elective 4 OPI004						18	40
FOUNDATIONAL		PROFESSIONAL FOUNDATIONS	PHYSICS	Statics FIS021	Mechanics of Materials FIS023								9	20
				Materials Science FIS024	Applied Materials Science FIS033	Thermodynamics FIS025							13.5	30
					Dynamics FIS022	Electromagnetism FIS026							9	20
			MATHEMATICS	Mathematics I MIN003	Mathematics II MIN004	Mathematics III MIN005	Mathematics IV MIN006						18	40
				Linear Algebra MIN009		Probability and Statistics MIN007	Industrial Design of Experiments IND102						13.5	28
			COMPUTING	Fundamentals of Programming TCD101		Data Structures TCD102	Numerical Programming TCD203						12	24
			AUTOMOTIVE FOUNDATION	Fundamentals of Automotive Engineering IDA100	Measurement and Instrumentation MEC105								3	8
					Mechanical Drawing MEC104								4.5	6
SPECIALIZED		PROFESIONAL	DRAWING AND METROLOGY			Computer-Aided Mechanical Drawing IDA101	Metrology IMA216						13.5	22
			MECHANICS				Adjustments and Tolerances IMA001						9	12
							Concurrent Engineering Machines and	Mechanical Design	Mechanical Vibrations Automotive Design	Design Evaluation			18	24
			ENERGY				Thermodynamic Analysis MEC218	Heat Transfer IQI212	Electro-Pneumatic-Oil Systems MEC219				13.5	20
							Fluid Dynamics I IDA221	Fluid Dynamics II IDA222					9	12
			ELECTRICAL SYSTEM				Harnesses I IDA212	Harnesses II IDA213					9	12
							Circuit Analysis IET102	Sensors and Actuators IDA214	Automotive Electrical Systems IDA215	Automotive Communication Protocols IDA216			18	24
			PRODUCCTION					Manufacturing Processes I IMA219	Manufacturing Processes II IMA220				9	16
			FINANCE					Engineering Economy IND106	Project Evaluation IND230	Quality Management Systems IND228			9	18
			AUTOMOTIVE					Vehicle Engineering IDA217	Propulsion Engineering IDA218		Alternative Propulsion IDA219			13.5	18
								Engines IDA220					4.5	6
		ELECTIVE	MOTORS					Engines I IDA300	Engines II IDA301	Engine Control Unit IDA302				
									Fluid Simulation IDA303	Turbo Compressors IDA304				
			COMPLETE VEHICLE					Passive Security IDA305	Ergonomics IDA306	Wheel Technology IDA307			22.5	30
									Acoustics FIS019	Optics FIS032				
			ENTREPRENEURSHIP					Entrepreneurial Model	Entrepreneurship Entrepreneurship Elective OEM003	Entrepreneurship Entrepreneurship Elective OEM004				
TOTAL				8	8	8	8	7	8	8	5	4	267	466

TC MX	466
TC USA	233

BACHELOR'S DEGREE IN

AEROSPACE ENGINEERING

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: 20192916

ENTRY PROFILE

Knowledge

- Recognizes the basic notions of Mathematics and Physics.

- Identifies the basic elements of Computer Science

- Interprets basic English language.Abilities and/or skills

- Observes physical phenomena

- Employs analytical and synthetic reasoning

- Demonstrates creativity and imagination

- Uses oral and written communication

Attitudes and/or values

- Appreciates collaborative and multidisciplinary work

- Shows an entrepreneurial and leadership attitude

- Demonstrates discipline, order and responsibility

- Shows honesty and professional ethics

ACADEMIC PROGRAM PURPOSE

The Bachelors in aerospace engineering, who are able to analyze, systematize and design elements in aerostructures, avionics and aeronautical simulation systems, through the application of manufacturing processes and structural modeling of mechanical components, as well as techniques that integrate electronic-computational devices of aircraft, to optimize, innovate and create technological processes of the manufacturing-electronic industry in aerospace, all this with a responsible, supportive and humanistic commitment.

THE GRADUATION PROFILE FOR THE BACHELOR IN AEROSPACE ENGINEERING

Systematize manufacturing processes.

Use computer-aided design software.

Use programs for electronic devices.

It uses project engineering to optimize manufacturing processes.

Develop electronic circuits.

Simulates aerospace processes from mathematical modeling.

Design machinery and machine elements for aerospace systems

Build aerospace systems

Design avionics systems

Use the English language

It uses measuring elements, mechanisms and tolerance tables for the development of mechanical designs.

PROGRAM CURRICULAR LINES

The program has a number of courses that can be taken on a flexible curriculum in 9 school periods.

It consists of:

General Education (institutional curricular line): General courses, which consist of the integral training of the student and the study of foreign languages.

FHU006: Person and Truth; FHU007: Person and Freedom; FHU008: Person, Family and Society; FHU009: Person and Transcendence; FHU010: Contemporary Person and Culture; FHU011: Mexican Person and Identity.

OPI001: Language and culture optional 01; OPI002: Language and culture optional 02; OPI003: Language and culture optional 03; OPI004: Language and culture optional 04.

Propaedeutic Training (if any): courses to help the student improve their deficiencies and continue their academic curriculum.

University Mathematics Basics; Basic English, Intermediate English 1, Intermediate English 2

Theoretical Training (basic professional curricular line): courses that develop the theoretical skills of the student through a common university curricular line.

FIS021: Static; FIS023: Material Mechanics; FIS031: Material Mechanics; FIS024: Materials Science; FIS026: Electromagnetism; FIS025: Thermodynamics; FIS026: Electromagnetism; QUI020: General Chemistry; TCDD101: Programming Basics; TCD102: Data Structure; TCD202: Advanced Programming; MIN003: Mathematics I; MIN004: Mathematics II; MIN005: Mathematics III; MIN0006: Mathematics IV; MIN009: Linear Algebra; MN007: Probability and Statistics. IAE100: Fundamentals of Aerospace Engineering; MEC105: Measurement

and instrumentation; MEC104: Mechanical Drawing; IDA101: Computerized Mechanical Drawing; IET101: Digital systems; IET102: Circuit analysis.

Disciplinary training (professional curricular line and elective curricular line), specialization courses that make up the common curricular line and professional curricular line.

IET102: Circuit analysis; IET201: Electronic amplifiers; IET400: Sensors and signal conditioning; IET204: Microprocessors & Microcontrollers; MEC2213: Embedded systems; MEC222: Analog Control; MEC223: Digital control; IET206: Electromagnetic Theory; IET207: Telecommunications systems; IMA219: Electromagnetic Theory; IMA219: Manufacturing Processes I; IMA220: Manufacturing Processes II; IMA216: Metrology; IMA001: Adjustments and Tolerance; IAE200: Aeronautical Wiring; IAE201: Electric routing station; IAE202: Electrical design with CAD; IAE203: Aerostructure I; IA204: Aerostructure II; IAE205: Flight aerodynamics; IAE206: Mechanical Vibrations; MEC215: Machines and mechanisms; MEC216: Mechanical Design; MEC217: Finite element modeling and simulation; IQI005: Fluid mechanics; IND011: Financial engineering; IND012: Project management; IND013; Project engineering,

Research courses (terminal curricular line): courses with research profile and project development, which integrates a project or final work.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN AEROSPACE ENGINEERING
GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS									TH	TC
INSTRUMENTAL		**INSTITUTIONAL**	HUMANIST FORMATION	Person and Truth FHU006	Person and Freedom FHU007		Person, Family, and Society FHU008	Person and Transcendence FHU009				12	24
						Person and Contemporary Culture FHU010	Person and the Mexican Identity FHU011					6	12
			LANGUAGE AND CULTURE	Language and Culture Elective 1 OPI001	Language and Culture Elective 2 OPI002	Language and Culture Elective 3 OPI003	Language and Culture Elective 4 OPI004					20	40
FOUNDATIONS		**PROFESSIONAL FOUNDATIONS**	PHYSICS-CHEMISTRY	Statics FIS021		Mechanics of Materials FIS023	Applied Mechanics of Materials FIS031					14	28
				Materials Science FIS024			Thermodynamics FIS025					10	20
				General Chemistry QUI020	Dynamics FIS022	Electromagnetism FIS026						15	30
			COMPUTING		Fundamentals of Programming TCD101	Data Structure TCD102	Advanced Programming TCD202					13	26
			MATHEMATICS	Mathematics I MIN003	Mathematics II MIN004	Mathematics III MIN005	Mathematics IV MIN006					20	40
					Linear Algebra MIN009		Probability and Statistics MIN007					10	20
			FUNDAMENTALS OF AEROSPACE	Fundamentals of Aerospace Engineering IAE100	Measurement and Instrumentation MEC105	Digital Systems IET101						8	14
					Mechanical Drawing MEC104	Computer-Aided Mechanical Drawing IDA101						8	12
SPECIALIZED	**FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL**	**PROFESSIONAL**	ANALOG ELECTRONICS			Circuit Analysis IET102	Electronic Amplifiers IET201	Sensors and Signal Conditioning IET400				12	18
			DIGITAL ELECTRONICS				Microprocessors and Microcontrollers IET204	Embedded Systems MEC213				8	12
			CONTROL ELECTRONICS					Analog Control MEC222	Digital Control MEC223			8	12
			COMMUNICATIONS				Electromagnetic Theory IET206	Communication Systems IET207				8	12
			PRODUCCTION				Manufacturing Processes I IMA219	Manufacturing Processes II IMA220				8	16
			DRAWING AND METROLOGY				Metrology IMA216	Adjustments and Tolerances IMA001				8	16
			AEROSPACE					Aeronautical Wiring IAE200	Electrical Routing Station IAE201	CAD Electrical Design IAE202		12	18
								Aerostructures I IAE203	Aerostructures II IAE204	Aerodynamics of Flight IAE205		12	18
									Mechanical Vibrations IAE206			4	6
			MECHANICS				Machines and Mechanisms MEC215	Mechanical Design MEC216		Finite Element Modeling and Simulation MEC217		12	18
								Fluid Mechanics IQI005				5	7
			PROJECT ENGINEERING				Financial Engineering IND011	Project Management IND012	Project Engineering IND013			9	18
		ELECTIVE	ENTREPRENEURSHIP				Entreprenurial Model EMP001	Entrepreneurship Elective OEM001	Entrepreneurship Elective OEM002	Entrepreneurship Elective OEM003			
			SATELLITES				Satellite Technology IAE300	Orbital Mechanics IAE301	Dynamics and Flight Control IAE302	Remote Perception IAE303		16	24
			COMMUNICATIONS				Telecommunications Regulations IET300	Radio Communication Systems IET301	Mobile Communication Systems IET302	Satellite Communication Systems IET303			
TOTAL				7	8	8	8	8	7	7	6	4	258	461

TC MX	461
TC USA	231

BACHELOR'S DEGREE IN

INDUSTRIAL ENGINEERING

MODALITY: Semi-grounded education

CAMPUS: PUEBLA

RVOE: 20192098

ACADEMIC PROGRAM PURPOSE

It trains Bachelor's degree holders with a high humanistic and ethical sense, with competencies in the design, innovation, administration of productive and service systems; and the use of technological and financial resources of the organizations, through the implementation of optimization processes between material resources and human talent, in order to favor productivity and continuous improvement of the organizations.

ENTRY PROFILE

Knowledge

- Identifies basic knowledge of mathematics, physics, chemistry and computing.

- Recognizes the use of technological tools.

- Identifies the use of ICT's.

Abilities and/or Skills

- Shows creative, abstraction, analysis and synthesis skills.

- Demonstrates effective communication.

Attitudes and/or Values

- Shows interest in industrial processes in manufacturing and service companies.

- Maintains a positive attitude to learn new knowledge and implement it in the improvement of systems.

- Shows willingness for self-learning.

- Values truth and justice.

- Shows willingness to work as part of a team.

THE GRADUATION PROFILE FOR THE BACHELOR IN INDUSTRIAL ENGINEERING

Evaluates the different current technological processes to generate a good or service with quality.

Integrates the organization's resources to increase productivity and profitability by applying managerial skills.

Develops products and transformation processes applying chemical, physical, mechanical, electrical and environmental engineering fundamentals.

Proposes solutions to problems of production systems, applying tools of qualitative and quantitative analysis to increase productivity and profitability.

Quantitative analysis tools to optimize material, human and energy resources.

Develops plans for the supply of inputs to conveniently respond to the needs of society by using

The needs of society through the use of production and inventory analysis tools.

Inventories.

Analyzes the elements involved in a project and the main aspects of the economic, political, social and environmental sector to assess its viability.

Justifies the management of financial elements for the productive operations of a project using analysis tools, with the objective of obtaining a high return on investment.

Develops projects for continuous improvement in organizations.

Proposes alternatives that promote better working conditions for the workers of a productive system using ergonomic analysis.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

SEMI-GROUNDED EDUCATION

COMPETENCIES	CORE	CURRICULUM AREAS	Courses (in sequence)	TICH	TOCH	TC
INSTITUTIONAL, PROFESSIONAL AND COURSE	INSTITUTIONAL	HUMANIST FORMATION	Person and Truth FHU006; Person, Family, and Society FHU008; Person and Transcendence FHU009	42	246	18
	PROFESIONAL FOUNDATIONS	MATHEMATICS	Mathematics I MAT001; Mathematics II MAT002; Mathematics III MAT004; Mathematics IV MAT005	56	328	24
			Probability and Statistics MAT006; Applied Statistics MAT007	28	164	12
		PHYSICS	Statistics IND001; Materials Science IND005; Dynamics IND002; Mechanics of Materials IND006; Electromagnetism IND003; Electrical Engineering IND004; Thermodynamics IND007	98	574	42
		CHEMISTRY	General Chemistry IND008	14	82	6
		PROGRAMMING	Fundamentals of Programming COM001; Numerical Methods COM002	28	164	12
		INDUSTRIAL ENGINEERING	Introduction to Industrial Engineering IND100	14	82	6
		TECHNICAL DRAWING	Metrology and Technical Drawing IND102	14	114	8
	PROFESIONAL	SUPPLY CHAIN	Operations Management and Supply Chain IND217	14	114	8
		DESIGN AND SAFETY IN THE WORKPLACE	Motion Study IND201; Work Measurement IND202; Safety and Hygiene in the Workplace IND203; Ergonomics IND204	56	328	24
		OPERATIONS RESEARCH	Operations Research IND218; Decision Models IND220; Systems Simulation IND222	42	342	24
		INDUSTRIAL QUALITY	Industrial Experiments Design IND208; Statistical Process Control IND209; Quality Management Systems IND219; Management Systems Audit IND221	56	392	28
		ACCOUNTING STUDIES	Financial Information system LCP107; Cost Information Systems LCP108	28	228	16
		LAW	Labor Law and its Relation to Social Security DER001	14	82	6
		INDUSTRIAL PROJECTS	Economics LAE001; Economic Engineering IND212; Project Evaluation IND213; Project Management IND214	56	328	24
		LOGISTICS	Logistics I IND215; Logistics II IND216	28	164	12
		INDUSTRIAL PROCESSES	Manufacturing Processes I IND223; Manufacturing Processes II IND224	28	228	16
	CAPSTONE	INTEGRATION	Direction of the Company's Strategic Growth LAE200	14	82	6
		RESEARCH	Design and Innovation in Processes IND301	14	114	8
		TOTAL	2, 4, 2, 3, 3, 3, 4, 3, 3, 3, 3, 3, 2, 2, 2, 2, 2, 2	**644**	**4156**	**300**

TC MX	300
TC USA	150

BACHELOR'S DEGREE IN

INDUSTRIAL PROJECT ENGINEERING

MODALITY: Online education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/1713/2017

ACADEMIC PROGRAM PURPOSE

It trains graduates in Industrial Project Engineering with a high humanistic and ethical sense, with competencies in the management of industrial projects on production and service systems, through the implementation of optimization processes of material resources and human talent, to promote productivity and continuous improvement of organizations.

ENTRY PROFILE

Knowledge

- Recognizes the use of technology tools that allow access to new ways of learning.

- Analyzes mathematical and physical principles.

Abilities and/or skills

- Shows oral and written ability to manage information.

- Uses observation and analysis skills in production and service processes.

Attitudes and/or values

- Shows disposition for self-regulated learning.

- Shows interest in problem solving and decision making.

- Values the importance of honesty in their academic and professional life.

Habits

- Reading habits.

- Study habits.

THE GRADUATION PROFILE FOR THE BACHELOR IN INDUSTRIAL PROJECT ENGINEERING

Develops products and transformation processes applying fundamentals of engineering, physics and mechanics.

Develops industrial projects, according to updated methodologies, current regulations and optimization of resources.

Proposes alternatives for the organization of work in accordance with the organizational policy and culture.

Integrates the organization's resources to increase productivity and profitability.

Implements strategies on safety and health at work, with scientific and legal criteria.

Plans the process of incorporating projects and the development of people in accordance with company policies.

Proposes manufacturing projects, for the implementation and control of technical processes for the transformation of raw materials into goods.

Develops plans for the supply of inputs to conveniently respond to the needs of the organizations where he/she works, through the use of production and inventory analysis tools.

Supports his professional action in humanistic values and social responsibility throughout life.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN INDUSTRIAL PROJECT ENGINEERING
ONLINE EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS	Courses							TC
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	INSTITUTIONAL	HUMANIST THINKING AND FORMATION	Person and Freedom FHU004	Humanist Formation Elective OFH001						12
				Study Methods for the Development of Thought and Language I IAE001	Study Methods for the Development of Thought and Language II IAE002						12
FOUNDATIONAL		PROFESSIONAL FOUNDATIONS	MATHEMATICS			Probability for Business LAE018	Statistics LAE020	Linear Algebra IPI101			24
				Algebra IPI100	Precalculus IPI102	Calculus I IPI103		Calculus II IPI104	Calculus III IPI105		40
			MANAGEMENT	Managerial Environment LAE100		Organizational Behavior IPI106	Change Management IPI107	Labor Law and its Relationship with Social Security DER009			26
			CHEMISTRY AND PHYSICS	Basic Chemistry IPI108		Physics IPI109	Basic Mechanics IPI110	Materials Science IPI111			30
			COMPUTER SCIENCE	Fundamentals of Information Technology Management GTI102			E-Commerce LCI206				12
		PROFESSIONAL	ACCOUNTING SYSTEMS			Financial Information System LCP100	Cost Information System LCP101	Budgets LCP002	Financial Study of Projects LCP003		32
			INDUSTRIAL PROJECTS			Economics LAE019	Economic Engineering IPI200	Project Management IPI201	Project Evaluation IPI202		28
			MANUFACTURING					Manufacturing Processes I IPI203	Manufacturing Processes II IPI204		16
			PRODUCTIVITY				Methods Engineering and Work Standards IPI205	Work Measurement Engineering IPI206	Industrial Safety and Hygiene IPI207	Plant Distribution and Materials Management IPI208 / Industrial Maintenance Management IPI209	38
			OPERATIONS RESEARCH				Systems Engineering IPI212	Stochastic Methods for Decision Making IPI210	System Simulation IPI211 / Optimization Models I IPI213	Optimization Models II IPI214	36
			QUALITY	Design of Industrial Experiments IPI219			Design of Industrial Experiments IPI215	Quality Engineering I IPI216	Quality Engineering II IPI217	Continuous Improvement Processes I IPI218 / Continuous Improvement Processes II IPI219	34
							Environmental Engineering IPI220				6
			LOGISTICS				Operations Management I IPI221	Operations Management II IPI222	Logistics and the Supply Chain IPI223		20
SPECIALIZED		CAPSTONE	RESEARCH					Research Methods and Techniques IAE400	Pre-Graduation Seminar IAE401		14
TOTAL				2	2	3	2	2	2	2 2	380

	2	3	2	2	2	2	2	3	2	3	2	2	2	2

TC MX	380
TC USA	190

MASTER'S DEGREE IN

STRATEGIC PLANNING AND TECHNOLOGY MANAGEMENT

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/980/2013

ACADEMIC PROGRAM PURPOSE

It trains Masters in Strategic Planning and Technology Management with development of competencies in the areas of decision analysis methodologies, finance, planning, technology management, sustainable development and human development; capable of making diagnoses based on the problems of the public, social and private sectors; and propose actions oriented to benefit society as a whole, working as consultants, academics, public servants or entrepreneurs of for-profit or non-profit organizations; to apply strategic actions towards innovation and decision making related to the nature of organizations.

ENTRY PROFILE

Knowledge

- Basic concepts in decision making techniques.

- Identifies Microsoft Office techniques and management.

- Recognizes spoken, written and listening English language.

- Business management.

Abilities And/Or Skills

- Teamwork and group management.

- Analytical decisions.

- Creative ability.

- Analysis, synthesis and problem solving.

- Criticism and assertiveness.

Values And/Or Attitudes

- Personal and social responsibility and honesty.

- Tolerance to others.

- Leadership and service mission.

- Willingness to work.

Habits

- Technical reading.

- Acceptance of uncertainty and change.

- Service to society.

THE GRADUATION PROFILE FOR THE MASTER IN STRATEGIC PLANNING AND TECHNOLOGY MANAGEMEN

Strategic Management: Build action plans in complex environments to define organizational strategies from planning models.

Technological innovation models: Incorporates technological innovation models aligned to the organizational strategy to increase business productivity and competitiveness in the corresponding industrial sector.

Decision Process Analysis: Identifies analysis tools through the application of quantitative models to optimize the decision-making process in organizations.

PROGRAM CURRICULAR LINES

The program has a number of 79 credits that can be taken on a flexible curriculum in 6 school periods.

 The curriculum of the Master's Degree in Strategic Planning and Technology Management ensures, through the curriculum map, strategies and thematic contents- the goals and the egress profile. This curriculum covers two main areas: Strategic Planning and Technology Management, which serve as the basis for the collegiate work of the Master's Degree and the development of students' degree work.

To earn a degree, students must credit at least 79 credits (12 courses) within 24 months.

The program is within two areas of knowledge: Economic-Administrative Sciences and Engineering Sciences. The structure of the Master's curriculum in Strategic Planning and Technology Management adequately fulfills the final purpose of training (egress profile) and, being a professionalizing master's degree, students make stays in any of the productive sectors, considering the assigned line of generation and application of knowledge (LGAC). These lines are registered with the National Graduate Quality Program (PNPC) of the National Council of Science and Technology (CONACYT) and are defined as follows:

1. Strategies: Analysis, improvement and application of planning models for the development of strategies within the macro and micro scenarios of organizations (finance, administration, production, sales, quality, logistics, human resources, sectoral integration), aligning them with the overall strategy of the organization.

2. Technological Innovation: Analysis of complex problems related to the technological strategies of the different

organizational scenarios, using innovation models, which provide support in decision making to generate greater value from the perception of the consumer.

3. Decision analysis: Analysis of competitive advantage in decision-making development that influence the entry of new markets, acquisition of new technologies, market expansion, merger of companies and design of new products; using mathematical models.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

DOCTORATE DEGREE IN STRATEGIC PLANNING AND TECHNOLOGY MANAGEMENT

GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS					TH	TC
INSTRUMENTAL	HUMANIST, DISCIPLINARY, AND PROFESSIONAL COMPETENCIES	INSTITUTIONAL (MANDATORY)	HUMAN DEVELOPMENT	Elective Course in Human Development				3	6
			BUSINESS STRATEGIES	Global Strategic Planning ADM551				3	7
			ENGINEERING AND TECHNOLOGICAL INNOVATION	Technological Strategies ING551				3	7
			DECISION ANALYSIS METHODOLOGY	Decision Process Analysis MAD553				3	7
FOUNDATIONAL		PROFESSIONAL	ENGINEERING AND TECHNOLOGICAL INNOVATION (MINIMUM 1)	Elective Course in Engineering and Technological Innovation					
			BUSINESS STRATEGIES						
			DECISION ANALYSIS METHODOLOGY						
			LOGISTICS AND SUPPLY CHAIN MANAGEMENT		Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	12	24
			INFORMATION AND COMMUNICATION TECHNOLOGY						
			INTEGRATED MANUFACTURING SYSTEMS						
			ECONOMICS AND FINANCE						
			RESEARCH SEMINARS						
SPECIALIZED		CAPSTONE	RESEARCH	Doctoral Protocol TED113	Doctoral Research TED114			6	10
				Doctoral Dissertation I TED101	Doctoral Dissertation II TED102	Doctoral Dissertation III TED103	Doctoral Dissertation IV TED104	12	40
		TOTAL						**42**	**101**

TC MX	101
TC USA	51

MASTER'S DEGREE IN
LOGISTICS AND SUPPLY CHAIN MANAGEMENT

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/982/2013

ACADEMIC PROGRAM PURPOSE

It trains Masters with a service attitude who are capable of evaluating and improving the behavior of the Logistics Processes along the Supply Chain under the premises of analysis, continuous improvement and managerial vision, through the application of optimization methods and models, simulation of industrial engineering systems and economic-administrative sciences, in order to design, develop and implement projects that provide solutions to logistics problems in different productive organizations.

ENTRY PROFILE

Knowledge

- Handles technological tools for the compilation and synthesis of content.

- Has knowledge of English language at least at an intermediate level.

- Has basic knowledge in Logistics.

Skills

- Manages quantitative logistics techniques.

- Has the ability of oral and written expression.

- Manages technological tools to analyze and make decisions.

Attitudes/values

- Works as part of a team to develop more complete projects.

- Is tolerant to diversity of opinions.

- Communicates with the values of responsibility, truth and transcendence.

- Willingness to work and research.

- Generates and contributes new ideas.

Habits

- Reads scientific information.

- Works methodically.

- Habit of independent study.

THE GRADUATION PROFILE FOR THE MASTER IN LOGISTICS AND SUPPLY CHAIN MANAGEMENT

Optimizes the different types of resources that make up the Supply Chain in the Organizations

Plan and manage projects ethically within organizations.

Design distribution networks considering from the supply of the raw material, processing of the product to its distribution.

Create and provide relevant solutions that result in logistics strategies and competitive advantages.

Design and apply inventory control models in the various contexts of organizations by rating different approaches to decision-making.

Structure an overview of a traditional Supply Chain to a Sustainable Supply Chain clarifying the feasibility of its transformation.

Analyzes Mexico's competitiveness to the world, as well as the Logistics Performance Index by identifying opportunities for improvement in the country to be more competitive.

Implement strategies to improve international logistics.

Develop an electronic business plan to improve the competitiveness of an organization.

Plan, execute, and control an organization's production and operations.

PROGRAM CURRICULAR LINES

The program has a number of 33 courses that can be taken on a flexible curriculum in 6 school periods.

The student must take 12 courses with a minimum of 81 credits to accredit the curriculum of the Master's Degree in Logistics and Supply Chain Management. You will take 3 mandatories and 9 elective courses: of which minimum 2 will be of the curricular lines of Logistics Processes and Supply Chain Management, one of each, and the remaining 7 complementary optionally can be taken from the following curricular lines: Logistics Processes, Supply Chain Management, Supply, Commercial Logistics, Optimization, Methodology for Decision Making.

It consists of:

General Education (institutional curricular line). These 2 courses help us measure whether students acquire the competencies proposed by the program.

Compulsory training (common curricular line). There are 3 key courses for the student to be characterized by having taken the postgraduate degree with UPAEP. These courses belong to the curriculum line of human development where the student acquires institutional stamp training. And to the supply line where students are provided with the basic knowledge needed to perform well in graduate school.

Disciplinary training (professional curricular line and elective curricular line). The 22 courses of the professional curricular

line are divided into the following curricular lines: Logistics Processes, Supply Chain Management, Supply, Commercial Logistics, Optimization and Methodology for Decision Making. These courses provide the logistics profile and select one of the 2 Lines of Generation and Application of Knowledge Logistics Management Systems. This line of research relates to the generation and/or application of knowledge about the use of models, methods and information technology to solve problems related to supply chain management, such as supplier selection and evaluation, logistics operators, strategic sourcing, supply chain risk and Humanitarian Logistics.

Supply Chain Optimization. This line of research relates to the generation and/or application of knowledge about the use of software, models and mathematical methods to solve problems related to the optimization of resources throughout the supply chain, such as Inventory Control, plant and warehouse layout, sales territory design, distribution center location and vehicle routing.

Research courses (terminal curricular line). There are 8 courses in the terminal curricular line, 3 of these courses belong to the curriculum line of update and integration seminars, and 5 the curriculum line of research. These courses help the student to update and specialize in a specific topic and thus develop the research topic, usually students apply their knowledge in the industry or to social situations.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

MASTER'S DEGREE IN LOGISTICS AND SUPPLY CHAIN MANAGEMENT

GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS										TH	TC
INSTRUMENTAL	HUMANIST, DISCIPLINARY, AND PROFESSIONAL COMPETENCIES	INSTITUTIONAL (MANDATORY)	HUMAN DEVELOPMENT	Leadership and Service Mission HUM560									3	7
			SUPPLY	Fundamentals of Supply Chain LOG557	Supply and Inventory Management LOG550								6	14
FOUNDATIONAL AND SPECIALIZED		PROFESSIONAL	LOGISTICS PROCESSES (MINIMUM 1)	Elective Course in Logistics Processes										
			SUPPLY CHAIN MANAGEMENT (MINIMUM 1)	Elective Course in Supply Chain Management										
			SUPPLY											
			COMMERCIAL LOGISTICS			Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	27	60
			OPTIMIZATION											
			DECISION-MAKING METHODOLOGY											
		CAPSTONE	REFRESHER AND INTEGRATION SEMINARS											
			RESEARCH											
	TOTAL												36	81

TC MX	81
TC USA	41

MASTER'S DEGREE IN

INTEGRATED MANUFACTURING SYSTEMS AND QUALITY STRATEGIES

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/998/2013

ACADEMIC PROGRAM PURPOSE

It trains Masters in Integrated Manufacturing Systems and Quality Strategies with a service attitude, who are capable of generating, improving and optimizing product designs, manufacturing processes and production systems, through the identification and application of statistical techniques, software systems, planning and decision making methodologies, quality standards, and integration of manufacturing systems, in order to offer products that meet the expectations of quality and customer service, and support the financial and environmental sustainability of the company.

ENTRY PROFILE

Knowledge

- Distinguishes the basic software tools for decision making.

- Identifies basic knowledge of computer programming.

- Recognizes basic knowledge of design software.

- Identifies advanced knowledge of the English language.

Skills And/Or Abilities

- Demonstrates ability to work in design teams, planning and manufacturing processes.

- Manages quantitatively manufacturing systems.

- Executes mathematical models in the solution of production problems.

- Demonstrates clarity in oral and written expression.

Values And/Or Attitudes

- Assumes a responsible disposition at work.

- Adopts an assertive attitude in dealing with the work team.

- Is inclined to develop creativity and contribute new ideas.

- Is interested in participating with openness and ability to adapt to new people, ideas and circumstances.

- Values a participative and collaborative posture.

- Appreciates adherence to the truth.

- Is inclined to work with honesty.

Habits

- Constant study and reading habits.

- Personal organization and order.

THE GRADUATION PROFILE FOR THE MASTER IN INTEGRATED MANUFACTURING SYSTEMS AND QUALITY STRATEGIES:

Employs methodological tools and control statistics, and quality improvement.

Uses computer systems for the design and analysis of manufacturing processes.

Implements projects that solve problems in the areas of: assurance and improvement of the quality, planning and improvement of production systems, design and manufacture of products.

PROGRAM CURRICULAR LINES

The program has a number of 42 courses that can be taken on a flexible curriculum in 6 school periods.

It consists of:

Human Development (institutional curricular line) : UPAEP stamp course, consisting of Leadership and Service Mission.

Quality Basics (Required): Quality Systems

Basics of Manufacture (Required), which consists of. Computer Aided Design and Manufacturing and Production Systems Analysis and Design.

Disciplinary Training (professional curricular line and elective curricular line), consisting of courses grouped according to their specialty such as: Quality, Productive Systems, Design

and Manufacturing, Manufacturing Processes, Strategy and Organization; And Update and Integration Seminars.

Research courses (terminal curricular line), consisting of Professional Stay, Professional Project, Master's Thesis I, Master's Thesis II.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

MASTER'S DEGREE IN

MECHATRONICS ENGINEERING

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/2664/2019

ACADEMIC PROGRAM PURPOSE

It trains Masters in Mechatronics Engineering with an ethical and humanistic vision, who generate technological development in the business and industrial sector, through the design of autonomous and sustainable solutions in mechatronic systems, to innovate processes towards an industry of the future.

ENTRY PROFILE

Knowledge

- Distinguishes theories of general electronics.

- Recognizes theories of general mechanics.

- Identifies structured programming theories.

- Synthesizes basic technological problems of a practical nature.

Abilities and/or skills

- Formulates and solves mathematical models.

- Proposes solutions to electronic, mechanical and structured programming problems.

- Generates specialized knowledge and research.

- Manages the English language.

- Works in teams.

Attitudes and/or Values

- Values honesty and responsibility.

- Acts with leadership and innovative entrepreneurship.

- Is aware of the needs and sustainable developments present in the region and the country.

- Respects the dignity of people as well as their duties and rights.

- Is interested in the environment and regional, national and international culture.

THE GRADUATION PROFILE FOR THE MASTER IN MECHATRONICS ENGINEERING

Apply new technologies for the modernization of the production processes of companies and industries.

Use analysis and simulation tools for optimal development of automation solutions that operate independently and respond to the environment.

Implement mechatronic systems for the industry of the future.

Design intelligent systems for equipment interconnection in the industry.

PROGRAM CURRICULAR LINES

The program has a number of 34 courses that can be taken on a flexible curriculum in 9 school periods.

General Education (institutional curricular lines): General courses, which consist of the integral training of the student and the study of foreign languages.

Propaedeutic Training (if you contemplate it): Doesn't apply

Theoretical Training (basic professional curricular lines): courses that develop the theoretical skills of the student through a common university curricular lines.

Disciplinary training (professional curricular lines and elective curricular lines), specialization courses that make up the common curricular lines and professional curricular lines.

Research courses (terminal curricular lines), consisting of courses with research profile and project development, which integrates a project or final work.

Stay MEC613; Practical Work MEC614, Thesis I MEC615, Thesis II MEC616

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

MASTER'S DEGREE IN MECHATRONICS ENGINEERING

GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS							TICH	TOCH	TC
FOUNDATIONAL	INSTITUTIONAL, PROFESSIONAL, AND COURSE	INSTITUTIONAL	LEADERSHIP	Transformational Leadership AYH601						48	48	6
		PROFESSIONAL FOUNDATIONS	LOGICAL AND SYSTEMATIC THINKING	Mathematical Analysis MAT601	Development of Innovative Thinking ENG601					96	96	12
DISCIPLINARY		PROFESSIONAL	MECHATRONICS		Mechatronics Systems MEC601					48	48	6
			PROFESSIONAL TOPICS			Elective Course in Professional Topics PMC601				48	48	6
		ELECTIVE	ROBOTICS AND INSTRUMENTATION		Elective Course OMC601	Elective Course OMC602	Elective Course OMC603	Elective Course OMC604		192	192	24
			SUSTAINABLE SYSTEMS		Elective Course OMC605	Elective Course OMC606	Elective Course OMC607	Elective Course OMC608				
		CAPSTONE	INTEGRATION				Integration Seminar MEC608			48	64	7
			PRACTICAL WORKS / THESIS		Capstone Elective Course TMC601			Capstone Elective Course TMC602		96	128	14
			TOTAL	2	2	2	2	2	2	576	624	75

TC MX	75
TC USA	38

MASTER'S DEGREE IN

DATA SCIENCE AND BUSINESS INTELLIGENCE (CATALOG 017)

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/01/1482/2016

ACADEMIC PROGRAM PURPOSE

It trains Masters in Data Science and Business Intelligence who interpret volumes of data and identify behavioral patterns, through the construction of mathematical models, data mining, expert systems and business intelligence, to make decisions that solve and prevent problems of different kinds in institutions with an ethical and humanistic approach.

ENTRY PROFILE

Knowledge

- Recognizes the tools for data mining.

- Describes statistical and mathematical processes.

- Distinguishes information technology tools for data processing.

Skills and/or Abilities

- Applies logic in problem solving.

- Interprets readings in English at a technical level.

- Is skilled in the development of basic computer programs.

- Works in multidisciplinary teams.

Attitudes and/or values

- Shows openness to personal development.

- Is interested in transforming data into information to build knowledge.

- Acts with a vocation of service to society.

- Shows a capacity for the construction of information.

Habits

- Reading habit.

- Logical thinking.

- Search for data.

THE GRADUATION PROFILE FOR THE MASTER IN DATA SCIENCE AND BUSINESS INTELLIGENCE

Build data stores and process information to obtain meaningful data.

 Incorporate quantitative methods for model generation into data science.

Generate knowledge patterns using predictive models that explain behaviors.

Apply business intelligence for decision making in strategic planning.

Use information technologies to support data science applications.

PROGRAM CURRICULAR LINES

The program has a number of 12 courses that can be taken on a flexible curriculum of 6 semesters with 79 credits. It is a Recognized Program in the National Standard of CONACYT Quality Programs for 2 years from 2020.

It consists of:

General Education (institutional curricular lines) : Leadership and mission of the HUM560 service

Theoretical Training (basic professional curricular lines), which consists of establishing the general concepts of the academic program through the mandatory courses.

Disciplinary Training (professional curricular lines and elective curricular lines), consisting of 2 general lines of knowledge: Data Science and Business Intelligence. It is mandatory to take at least one course of each of them.

Research courses (terminal curricular lines), consisting of a group of courses related to Upgrade Seminars and another to Research, where they carry out their degree project.

Practical project qualification: TEM550 Professional Stay and TEM551 Professional Project

Thesis degree: Thesis I TEM011 and Thesis II TEM

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

MASTER'S DEGREE IN DATA SCIENCE AND BUSINESS INTELLIGENCE
GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS							TH	TC
INSTRUMENTAL	HUMANIST, DISCIPLINARY, AND PROFESSIONAL COMPETENCIES	INSTITUTIONAL (MANDATORY)	DATA SCIENCE	Fundamentals of Data Science DAT501						3	7
				Data Warehouse and Processing DAT506						3	7
			BUSINESS INTELLIGENCE (Minimum 1)	Fundamentals of Business Intelligence DAT510						3	7
			QUANTITATIVE METHODS	Descriptive and Inferential Statistics MAT550						3	7
			HUMAN DEVELOPMENT	Leadership and Service Mission HUM560						3	7
FOUNDATIONAL AND SPECIALIZED		PROFESSIONAL	DATA SCIENCE (Minimum 1)	Elective Course in Data Science							
			BUSINESS INTELLIGENCE (Minimum 1)		Elective Course in Business Intelligence						
			QUANTITATIVE METHODS								
			INFORMATION TECHNOLOGY			Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	21	44
			STRATEGIC PLANNING						Complementary Elective Course		
		CAPSTONE	REFRESER AND INTEGRATION SEMINARS								
			RESEARCH								
		TOTAL								**36**	**79**

TC MX	79
TC USA	40

MASTER'S DEGREE IN

INDUSTRIAL INNOVATION ENGINEERING

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: 20193782

ACADEMIC PROGRAM PURPOSE

To train Masters in Industrial Innovation Engineering specialized in the design, optimization, and/or digitalization of industry, by applying systemic and innovative thinking to industrial problems, in order to promote the improvement and development of new industrial processes and products from a transformational leadership approach.

ENTRY PROFILE

Knowledge

- Identifies the basic notions of programming and algorithms.

- Explains the basic notions of descriptive statistics.

Abilities and/or skills

- Employs a programming language in basic processes.

- Manages spreadsheets, presentations, internet.

- Demonstrates an intermediate level in reading and analyzing English language texts.

- Clearly expresses him/herself orally and in writing.

Attitudes and/or values

- Is interested in disseminating the research conducted in various forums or media.

- Works in teams to develop more complete projects.

- Is tolerant of diversity of opinions.

- Is responsible and ethical.

Assesses needs in the industrial environment.

THE GRADUATION PROFILE FOR THE MASTER IN INDUSTRIAL INNOVATION ENGINEERING

Applies systemic and innovative thinking to identified industrial needs.

Generates a solution of social relevance that meets the industrial needs identified in an optimal and innovative way.

PROGRAM CURRICULAR LINES

The program has a number of 30 coursess that can be taken on a flexible curriculum in 6 school periods.

It consists of:

Human Development (institutional curricular lines): UPAEP seal coursess, consisting of: Human Integration or Transformative Leadership.

Basic Professional (Logical and Systemic Thinking): Mathematical Analysis, Design and Management of Innovation and Development of Innovative Thinking.

Basics of Manufacture (Required), which consists of. Computer Aided Design and Manufacturing and Production Systems Analysis and Design.

Disciplinary training (professional curricular lines and elective curricular lines), consisting of coursess grouped according to

their specialty such as: Digital Industry; Industrial Design; and "Optimization of Logistics Systems.

Research coursess (terminal curricular lines), consisting of Professional Stay, Professional Project, Master's Thesis I, Master's Thesis II.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

MASTER'S DEGREE IN INDUSTRIAL INNOVATION ENGINEERING
GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS						TICH	TOCH	TC
INSTRUMENTAL	INSTITUTIONAL, PROFESSIONAL, AND COURSE	INSTITUTIONAL	HUMAN DEVELOPMENT			Elective Course in Human Development DHI601			3	3	6
		PROFESSIONAL FOUNDATIONS	LOGICAL AND SYSTEMIC THINKING	Innovative Thinking ENG601	Mathematical Analysis MAT601				6	6	12
			INNOVATIVE THINKING	Innovation Design and Management III601					3	4	7
SPECIALIZED		PROFESSIONAL	ENGINEERING, TECHNOLOGY, AND INNOVATION			Elective Course in Professionals Topics PII601	Elective Course in Professionals Topics PII602				
		ELECTIVE	DIGITAL INDUSTRY	Complementary Elective Course OID601	Complementary Elective Course OID602	Complementary Elective Course OID603			15	15	30
			INDUSTRIAL DESIGN	Complementary Elective Course ODI601	Complementary Elective Course ODI602	Complementary Elective Course ODI603					
			OPTIMIZATION OF LOGISTICS SYSTEMS	Complementary Elective Course OOS601	Complementary Elective Course OOS602	Complementary Elective Course OOS603					
		CAPSTONE	INTEGRATION				Industrial Integration III604		3	3	6
			RESEARCH OR PRACTICAL PROJECT				Capstone Elective Course 1 TII601	Capstone Elective Course 2 TII602	6	8	14
			TOTAL	3	2	2	2	2	36	39	75

TC MX	75
TC USA	38

MASTER'S DEGREE IN

LOGISTICS AND SUPPLY CHAIN MANAGEMENT

MODALITY: Online education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/01/1014/2013

ACADEMIC PROGRAM PURPOSE

It trains Masters with a service attitude who are capable of evaluating and improving the behavior of the Logistics Processes along the Supply Chain under the premises of analysis, continuous improvement and managerial vision, through the application of optimization methods and models, simulation of industrial engineering systems and economic-administrative sciences, in order to design, develop and implement projects that provide solutions to logistics problems in different productive organizations.

ENTRY PROFILE

Knowledge

- Handles technological tools for the compilation and synthesis of content.

- Has knowledge of English language at least at an intermediate level.

- Has basic knowledge in Logistics.

Skills

- Manages quantitative logistics techniques.

- Has the ability of oral and written expression.

- Manages technological tools to analyze and make decisions.

Attitudes/values

- Works as part of a team to develop more complete projects.

- Is tolerant to diversity of opinions.

- Communicates with the values of responsibility, truth and transcendence.

- Willingness to work and research.

- Generates and contributes new ideas.

Habits

- Reads scientific information.

- Works methodically.

- Habit of independent study.

THE GRADUATION PROFILE FOR THE MASTER IN LOGISTICS AND SUPPLY CHAIN MANAGEMENT

1. Optimizes the different types of resources that make up the Supply Chain in the Organizations

2. Plan and manage projects ethically within organizations.

3. Design distribution networks considering from the supply of the raw material, processing of the product to its distribution.

4. Create and provide relevant solutions that result in logistics strategies and competitive advantages.

5. Design and apply inventory control models in the various contexts of organizations by rating different approaches to decision-making.

6. Structure an overview of a traditional Supply Chain to a Sustainable Supply Chain clarifying the feasibility of its transformation.

7. Analyzes Mexico's competitiveness to the world, as well as the Logistics Performance Index by identifying opportunities for improvement in the country to be more competitive.

8. Implement strategies to improve international logistics.

9. Develop an electronic business plan to improve the competitiveness of an organization.

10. Plan, execute, and control an organization's production and operations.

PROGRAM CURRICULAR LINES

The program has a number of 33 courses that can be taken on a flexible curriculum in 6 school periods.

The student must take 12 courses with a minimum of 81 credits to accredit the curriculum of the Master's Degree in Logistics and Supply Chain Management. You will take 3 mandatories and 9 elective courses: of which minimum 2 will be of the curricular lines of Logistics Processes and Supply Chain Management, one of each, and the remaining 7 complementary optionally can be taken from the following curricular lines: Logistics Processes, Supply Chain Management, Supply, Commercial Logistics, Optimization, Methodology for Decision Making.

It consists of:

General Education (institutional curricular line). These 2 courses help us measure whether students acquire the competencies proposed by the program.

Compulsory training (common curricular line). There are 3 key courses for the student to be characterized by having taken the postgraduate degree with UPAEP. These courses belong to the curriculum line of human development where the student acquires institutional stamp training. And to the supply line where students are provided with the basic knowledge needed to perform well in graduate school.

Disciplinary training (professional curricular line and elective

curricular line). The 22 courses of the professional curricular line are divided into the following curricular lines: Logistics Processes, Supply Chain Management, Supply, Commercial Logistics, Optimization and Methodology for Decision Making. These courses provide the logistics profile and select one of the 2 Lines of Generation and Application of Knowledge Logistics Management Systems. This line of research relates to the generation and/or application of knowledge about the use of models, methods and information technology to solve problems related to supply chain management, such as supplier selection and evaluation, logistics operators, strategic sourcing, supply chain risk and Humanitarian Logistics.

Supply Chain Optimization. This line of research relates to the generation and/or application of knowledge about the use of software, models and mathematical methods to solve problems related to the optimization of resources throughout the supply chain, such as Inventory Control, plant and warehouse layout, sales territory design, distribution center location and vehicle routing.

Research courses (terminal curricular line). There are 8 courses in the terminal curricular line, 3 of these courses belong to the curriculum line of update and integration seminars, and 5 the curriculum line of research. These courses help the student to update and specialize in a specific topic and thus develop the research topic, usually students apply their knowledge in the industry or to social situations.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

MASTER'S DEGREE IN LOGISTICS AND SUPPLY CHAIN MANAGEMENT

ONLINE EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS										TC
INSTRUMENTAL	HUMANIST, DISCIPLINARY, AND PROFESSIONAL COMPETENCIES	INSTITUTIONAL (MANDATORY)	HUMAN DEVELOPMENT	Leadership and Mission of Service HUM560									7
			SUPPLY	Fundamentals of Supply Chain LOG557	Supply and Inventory Management LOG550								14
FOUDNATIONAL AND SPECIALIZED		PROFESSIONAL	LOGISTICS PROCESSES (MINIMUM 1)	Elective Course in Logistics Processes									
			SUPPLY CHAIN ADDRESS (MINIMUM 1)	Elective Course in Supply Chain Management									
			SUPPLY										
			COMMERCIAL LOGISTICS			Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	60
			OPTIMIZATION										
			DECISION-MAKING METHODOLOGY										
		CAPSTONE	REFRESHER AND INTEGRATION SEMINARS										
			RESEARCH										
		TOTAL											81

TC MX	81
TC USA	41

MASTER'S DEGREE IN

DATA SCIENCE AND BUSINESS INTELLIGENCE

MODALITY: Online education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/01/1485/2016

ACADEMIC PROGRAM PURPOSE

It trains Masters in Data Science and Business Intelligence who interpret volumes of data and identify behavioral patterns, through the construction of mathematical models, data mining, expert systems and business intelligence, to make decisions that solve and prevent problems of different kinds in institutions with an ethical and humanistic approach.

ENTRY PROFILE

Knowledge

- Recognizes the tools for data mining.

- Describes statistical and mathematical processes.

- Distinguishes information technology tools for data processing.

Skills and/or Abilities

- Applies logic in problem solving.

- Interprets readings in English at a technical level.

- Is skilled in the development of basic computer programs.

- Works in multidisciplinary teams.

Attitudes and/or values

- Shows openness to personal development.

- Is interested in transforming data into information to build knowledge.

- Acts with a vocation of service to society.

- Shows a capacity for the construction of information.

Habits

- Reading habit.

- Logical thinking.

- Search for data.

THE GRADUATION PROFILE FOR THE MASTER IN DATA SCIENCE AND BUSINESS INTELLIGENCE

Build data stores and process information to obtain meaningful data.

Incorporate quantitative methods for model generation into data science.

Generate knowledge patterns using predictive models that explain behaviors.

Apply business intelligence for decision making in strategic planning.

Use information technologies to support data science applications.

PROGRAM CURRICULAR LINES

The program has a number of 12 courses that can be taken on a flexible curriculum of 6 semesters with 79 credits. It is a Recognized Program in the National Standard of CONACYT Quality Programs for 2 years from 2020.

It consists of:

General Education (institutional curricular lines) : Leadership and mission of the HUM560 service

Theoretical Training (basic professional curricular lines), which consists of establishing the general concepts of the academic program through the mandatory courses.

Disciplinary Training (professional curricular lines and elective curricular lines), consisting of 2 general lines of knowledge: Data Science and Business Intelligence. It is mandatory to take at least one course of each of them.

Research courses (terminal curricular lines), consisting of a group of courses related to Upgrade Seminars and another to Research, where they carry out their degree project.

Practical project qualification: TEM550 Professional Stay and TEM551 Professional Project

Thesis degree: Thesis I TEM011 and Thesis II TEM

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

MASTER'S DEGREE IN DATA SCIENCE AND BUSINESS INTELLIGENCE

ONLINE EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS							TC
INSTRUMENTAL	HUMANIST, DISCIPLINARY, AND PROFESSIONAL COMPETENCIES	INSTITUTIONAL (MANDATORY)	DATA SCIENCE	Fundamentals of Data Science DAT501						7
				Data Warehouse and Processing DAT506						7
			BUSINESS INTELLIGENCE (Minimum 1)	Fundamentals of Business Intelligence DAT510						7
			QUANTITATIVE METHODS	Descriptive and Inferential Statistics MAT550						7
			HUMAN DEVELOPMENT	Leadership and Service Mission HUM560						7
FOUNDATIONAL AND SPECIALIZED		PROFESSIONAL	DATA SCIENCE (Minimum 1)	Elective Course in Data Science						
			BUSINESS INTELLIGENCE (Minimum 1)		Elective Course in Business Intelligence					
			QUANTITATIVE METHODS							
			INFORMATION TECHNOLOGY			Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	44
			STRATEGIC PLANNING							
		CAPSTONE	REFRESER AND INTEGRATION SEMINARS							
			RESEARCH							
		TOTAL								**79**

TC MX	79
TC USA	40

DOCTORATE DEGREE IN

STRATEGIC PLANNING AND TECHNOLOGY MANAGEMENT

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/981/2013

ACADEMIC PROGRAM PURPOSE

It trains Doctors in Strategic Planning and Technology Management with competencies in business areas with the support in technology management, with business bases and with the use of decision analysis methodologies, with technological tools for design, analysis, evaluation and selection of strategies, through the evaluation, design and improvement of business systems, industrial and service systems from the point of view of their vision and mission, in addition to the development of technological innovations, to carry out applied research, from the strategic analysis of the most critical problems and opportunities of society, supported by strategic decision making aimed at benefiting the different social areas; working as consultants, academics, public officials and entrepreneurs.

ENTRY PROFILE

Knowledge

- Basic concepts in decision making tools.

- English language proficiency.

- Fundamentals in business management.

Abilities And/Or Skills

- Research oriented skills.

- Ability to work in teams and manage groups.

- Ability to handle computational information.

- Ability to make analytical decisions.

- Creative ability.

- Analysis, synthesis and problem solving.

Values And/Or Attitudes

- Responsibility and honesty.

- Tolerance to others.

- Ethics and social responsibility.

- Leadership and service mission.

Habits

- Technical reading.

- Acceptance of challenges and risks.

- Service to society.

THE GRADUATION PROFILE FOR THE DOCTOR IN STRATEGIC PLANNING AND TECHNOLOGY MANAGEMENT

1. Generate models to design action plans in complex environments to define organizational strategies based on international quality theoretical benchmarks.

2. Design technology innovation models aligned to the organizational strategy to increase business productivity and competitiveness in the relevant industrial sector.

3. Evaluate relevant information in scenarios com matched to the problem of decision-making in the organization

PROGRAM CURRICULAR LINES

The program has a number of 101 credits that can be taken on a flexible curriculum in 12school periods.

The program is within two areas of knowledge: Economic-Administrative Sciences and Engineering Sciences; and has three

lines of research and application of knowledge (LGAC) which are reflected in the following descriptions:

Strategies: is a line of research approved by CONACYT where the student identifies, designs,

develops and applies methodological, economic, business strategies, among others, for business

growth and development, aligning the different strategies established with the overall strategy

of the company, to achieve greater competitive advantage through the application of a single and

differentiated action.

Technological Innovation: the purpose of this line also approved by CONACYT is for the student to build and new ways to produce, develop, market, process, manage a renewed or improved product or service useful to the consumer; through the management of technological development activities.

Decision Analysis: in this line of research the student establishes the strategic advantage through assessing the quality of decisions for the effectiveness of change in organizations, using techniques in decision analysis in Product Introduction, Company Restructuring, Business Mergers, Exploration, Investments in Technology, Acquisition of Durable Goods, New Markets, Introduction of Software, Introduction or Selection of New Technologies, among others.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

DOCTORATE DEGREE IN STRATEGIC PLANNING AND TECHNOLOGY MANAGEMENT

GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS					TH	TC
INSTRUMENTAL	HUMANIST, DISCIPLINARY, AND PROFESSIONAL COMPETENCIES	INSTITUTIONAL (MANDATORY)	HUMAN DEVELOPMENT	Elective Course in Human Development				3	6
			BUSINESS STRATEGIES	Global Strategic Planning ADM551				3	7
			ENGINEERING AND TECHNOLOGICAL INNOVATION	Technological Strategies ING551				3	7
			DECISION ANALYSIS METHODOLOGY	Decision Process Analysis MAD553				3	7
FOUNDATIONAL		PROFESSIONAL	ENGINEERING AND TECHNOLOGICAL INNOVATION (MINIMUM 1)	Elective Course in Engineering and Technological Innovation					
			BUSINESS STRATEGIES						
			DECISION ANALYSIS METHODOLOGY						
			LOGISTICS AND SUPPLY CHAIN MANAGEMENT		Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	12	24
			INFORMATION AND COMMUNICATION TECHNOLOGY						
			INTEGRATED MANUFACTURING SYSTEMS						
			ECONOMICS AND FINANCE						
			RESEARCH SEMINARS						
SPECIALIZED		CAPSTONE	RESEARCH	Doctoral Protocol TED113	Doctoral Research TED114			6	10
				Doctoral Dissertation I TED101	Doctoral Dissertation II TED102	Doctoral Dissertation III TED103	Doctoral Dissertation IV TED104	12	40
		TOTAL						**42**	**101**

TC MX	101
TC USA	51

DOCTORATE DEGREE IN

LOGISTICS AND SUPPLY CHAIN MANAGEMENT

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/988/2013

ACADEMIC PROGRAM PURPOSE

It trains Doctors with an attitude of service to society who are capable of carrying out projects that evaluate and improve the behavior of the Logistics Processes along the Supply Chain, through the application of optimization methods and models, simulation of systems in the areas of industrial engineering and economic-administrative sciences, in order to generate, contribute and apply new knowledge to the cultural heritage through scientific articles that contain proposals for solutions to highly complex logistics problems.

ENTRY PROFILE

Knowledge

- Has knowledge of English language at least at an intermediate level.

- Relates fundamental knowledge in Logistics and Supply Chain Management.

- Interprets quantitative and qualitative data.

Abilities And/Or Skills

- Possesses the ability of oral and written expression.

- Manages technological tools for the compilation and synthesis of contents as well as analysis and decision making.

Attitudes And/Or Values

- Works in teams to develop multidisciplinary research projects.

- Is tolerant to the diversity of opinions.

- Communicates with the values of responsibility, truth and transcendence.

- Willingness to work and research.

- Proposes creative ideas.

Habits

- Reads and interprets scientific information

THE GRADUATION PROFILE FOR THE DOCTOR IN LOGISTICS AND SUPPLY CHAIN MANAGEMENT

Optimize the different types of resources that make up the Supply Chain in Organizations.

Plan and direct innovative and ethical research projects contemplating the planning, design, operation and evaluation of the Supply Chain.

Design distribution networks considering from the supply of the raw material, processing of the product to its distribution.

Create and provide relevant solutions that result in logistics strategies and competitive advantages in complex environments.

Apply inventory control models in the various contexts of organizations by rating different approaches to decision-making.

Structure an overview of a traditional Supply Chain to a Sustainable Supply Chain clarifying the feasibility of its transformation.

Investigate Mexico's competitiveness of the world, as well as the Logistics Performance Index by examining opportunities for the country's improvement to be more competitive.

Plan, execute, and control production and operations within an organization.

Evaluate the different processes of key activities within the Supply Chain.

Collaborates intentionally and objectively within a multidisciplinary team.

PROGRAM CURRICULAR LINES

The program has a number of 33 coursess that can be taken on a flexible curriculum in 12 school periods.

The student must take 14 coursess with a minimum of 102 credits to accredit the Doctoral curriculum in Logistics and Supply Chain Management. He will take 9 compulsory coursess, of which 1 of them will be of the Human Development line; and 5 optional: of which, minimum 1 will be from the curricular supply line and the remaining 4, called complementary electives can be taken from the following curricular lines: Supply, Logistics Processes, Commercial Logistics, Optimization, Supply Chain Management and Research Seminars.

 It consists of:

General Education (institutional curricular lines). These 2 coursess help us measure whether students acquire the competencies proposed by the program.

Compulsory training (common curricular lines). There are 3 key coursess for the student to be characterized by having taken the postgraduate degree with UPAEP. These coursess belong to the curriculum line of human development where the student acquires institutional stamp training. And to the supply line where students are provided with the basic knowledge needed to perform well in graduate school.

Disciplinary training (professional curricular lines and elective curricular lines). The 20 coursess of the professional curricular lines are divided into the following curricular lines: Logistics Processes, Supply Chain Management, Supply, Commercial Logistics, Optimization and Methodology for Decision Making. These coursess provide the logistics profile and select one of the 2 Lines of Generation and Application of Knowledge Logistics Management Systems. This line of research relates to the generation and/or application of knowledge about the use of models, methods and information technology to solve problems related to supply chain management, such as supplier selection and evaluation, logistics operators, strategic sourcing, supply chain risk and Humanitarian Logistics.

Supply Chain Optimization. This line of research relates to the generation and/or application of knowledge about the use of software, models and mathematical methods to solve problems related to the optimization of resources throughout the supply chain, such as Inventory Control, plant and warehouse layout, sales territory design, distribution center location and vehicle routing.

Research coursess (terminal curricular lines). There are 10 coursess in the terminal curricular lines, 3 of these coursess belong to the curriculum line of update and integration seminars, and 5 the curriculum line of research. These coursess help the student to update and specialize in a specific topic and thus develop the research topic, usually students apply their knowledge in the industry or to social situations.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

DOCTORATE IN LOGISTICS AND SUPPLY CHAIN MANAGEMENT

GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS					TH	TC
INSTRUMENTAL	HUMANIST, DISCIPLINARY, AND PROFESSIONAL COMPETENCIES	INSTITUTIONAL (Mandatory)	HUMAN DEVELOPMENT	Elective Course in Human Development				3	6
			DECISION-MAKING METHODOLOGY	Operations Research MAD554	Multivariate Statistics MAT551			6	14
FOUNDATIONAL		PROFESSIONAL	SUPPLY (MINIMUM 1)	Elective Course in Supply					
			LOGISTICAL PROCESSES						
			COMMERCIAL LOGISTICS		Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	15	32
			OPTIMIZATION						
			SUPPLY CHAIN MANAGEMENT						
SPECIALIZED		CAPSTONE	RESEARCH SEMINARS						
			RESEARCH	Doctoral Protocol TED 113	Doctoral Research TED 114			6	10
				Doctoral Dissertation I TED 101	Doctoral Dissertation II TED 102	Doctoral Dissertation III TED 103	Doctoral Dissertation IV TED 104	12	40
TOTAL								42	102

TC MX	102
TC USA	51

DOCTORATE DEGREE IN

MECHATRONICS ENGINEERING

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/995/2013

ACADEMIC PROGRAM PURPOSE

It trains integral Doctors in Mechatronics Engineering, capable of developing, analyzing, designing and improving materials, parts and automation systems of application in all fields, through the scientific application of current and novel processes and theories of macromechatronic, micromechatronic and nanomechatronic systems that go beyond the conventional to the point of moving in the area of technological innovation, to solve problems in the fundamental, academic and industrial levels, conceived under the vision of improving productivity, competitiveness and sustainability of organizations.

ENTRY PROFILE

Knowledge

- Recognizes advanced theories in electronics, mechanics, computing and materials.

- Distinguishes state-of-the-art technological elements for performing automated production tasks.

- Defines applied research theories.

- Knows mathematical modeling techniques for control and automation processes.

Skills and/or abilities

- Critically handles theoretical and technical information from specialized sources in automation sciences.

- Participates in multidisciplinary works of applied research.

- Acquires new knowledge with ease and express their ideas with clarity.

- Applies his technological knowledge and methodologies in an original and innovative way.

Values and/or attitudes

- Is concerned with prioritizing their applied development projects in accordance with the needs of society.

- Works harmoniously in multi- and trans-disciplinary teams.

- Proactively assumes long work sessions.

- Maintains constancy and tenacity in the activities undertaken.

- Adopts autonomy in the pursuit of constant updating.

Habits

- Habit of service.

- Seeks to be continuously informed of the advances in his profession.

- Plans as an indispensable element prior to execution.

- Works in a responsible and considered manner.

- Proactive reaction to new situations.

THE GRADUATION PROFILE FOR THE DOCTOR IN MECHATRONICS ENGINEERING

Apply fundamental methods, techniques and laws of science, identifying relevant aspects and characteristics of an automated phenomenon or process, for the formulation of innovative models.

Design innovative practices of new technologies for the modernization of the productive processes of organizations.

Demonstrate the veracity of evidence, based on the scientific, technological and technical developments of Mechatronics, to confirm the validity of mechatronic designs.

Propose technological designs relevant to the current context, interpreting and applying new knowledge, to offer solutions that take into account environmental, cultural and social effects.

Carry out continuous technological surveillance, methodically analyzing the state of the art in the most recognized articles and patents in the field of mechatronics, to devise scientifically valid and commercially relevant developments.

Generate business initiatives based on market knowledge, technology and sustainability to boost competitiveness through the application of mechatronic systems.

Lead multidisciplinary working groups, through

PROGRAM CURRICULAR LINES

The program has a number of 100 credits that can be taken on a flexible curriculum in 12 school periods.

It consists of:

General Education (institutional curricular lines): General courses, which consist of the integral training of the student and the study of foreign languages.

Propaedeutic Training (if you contemplate it): Doesn't apply

Theoretical Training (basic professional curricular lines): courses that develop the theoretical skills of the student through a common university curricular lines.

Optional Human Development:

Hum560 Leadership and Service Mission, Hum542 Human Integration

Disciplinary training (professional curricular lines and elective

curricular lines), specialization courses that make up the common curricular lines and professional curricular lines.

Fundamentals of Robotics MEC555, Industrial Robotics MEC556, Select Robotics Topics MEC557, Projection of Microelectromechanical Systems MEC558, Manufacture of Microelectromechanical Systems MEC559, Encapsulation and Testing of Microelectromechanical Systems MEC560, MeC561 State-of-the-art sensors and actuators, MeC562 Nanostructured Material Basics, MEC563 Nanostructured Material Synthesis, MEC564 Nanostructured Material Simulation, MEC565 Nanostructured Material Characterization, MEC565 Signals and Vehicular Energy , MEC567 Automotive Peripheral Control Units, Combustion Engine Control MEC568, Electric Vehicles and Hybrids MEC569. Fundamentals of Mechatronic Systems MEC550, Industrial Power Electronics MEC552, Design and Analysis of Mechanisms MEC553, MAN571 Computer Aided Design and Manufacturing, MAN580 Integrated Manufacturing Systems, MAN581 Material Engineering, MAN584 Manufacturing Systems Simulation, MAN585 Industrial Automation and Control Systems, ITI560 Programming, ITI562 Databases, BIO552 Mathematical Model Basics, BIO553 Advanced Mathematical Models, Renewable Energy AMB516 , Energy Efficiency AMB517, Energy Sustainability Projects AMB518, ADM550 Strategic Prospecting and Innovation Workshop, Productivity and International Competitiveness ADM552, Sustainable Business Directorate ADM553, ADM554 Sustainable Business Workshop, Innovation and Disruptive Creativity DCI523, Log555 Electronic Business Logistics, MER554

Commercial Communication, Small, Medium and Family Business Management, Management and Leadership in ORG550 Organizations, Entrepreneurial Development and New Companies

Research courses (terminal curricular lines): courses with research profile and project development, which integrates a project or final work.

INV630 Update Seminar, INV631 Innovation Seminar 48, INV632 Integration Seminar

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

DOCTORATE DEGREE IN MECHATRONICS ENGINEERING

GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS					TH	TC
INSTRUMENTAL	HUMANIST, DISCIPLINARY, AND PROFESSIONAL COMPETENCIES	INSTITUTIONAL (MANDATORY)	HUMAN DEVELOPMENT	Elective Course in Human Development				3	6
			INNOVATION AND ENTREPRENEURSHIP DEVELOPMENT	Technological Strategies ING551				3	7
			MECHATRONIC DESIGN	Finite Element Design and Analysis MEC551	Programmable Instrumentation MEC554			6	14
FOUNDATIONAL		PROFESSIONAL	MACRO, MICRO AND, NANOMECHATRONICS (MINIMUM 2)	Elective Course in Macro, Micro, and Nanomechatronics	Elective Course in Macro, Micro, and Nanomechatronics				
			MECHATRONIC DESIGN						
			SUSTAINABLE MECHATRONIC AUTOMATION			Complementary Elective Course	Complementary Elective Course	12	26
			INNOVATION AND ENTREPRENEURSHIP DEVELOPMENT						
		CAPSTONE	RESEARCH SEMINARS						
SPECIALIZED			RESEARCH	Doctoral Protocol TED113	Doctoral Research TED114			6	10
				Doctoral Dissertation I TED101	Doctoral Dissertation II TED102	Doctoral Dissertation III TED103	Doctoral Dissertation IV TED104	12	40
		TOTAL						42	103

TC MX	103
TC USA	52

DOCTORATE DEGREE IN

INFORMATION TECHNOLOGIES AND ELECTRONIC BUSINESS

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/994/2013

ACADEMIC PROGRAM PURPOSE

It trains leading Doctors in innovation of relevant scientific models in information technologies and e-business, through the creation of new technological strategies that support the implementation of quality technological processes in the generation and effective management of information, in order to support decision making and increase the effectiveness of organizations, in favor of a better quality of life of society.

ENTRY PROFILE

Knowledge

- Master's degree issued by an accredited academic institution.

- Ability to generate technological solutions within the business.

- Analyzes with systemic approach the development opportunities in the labor market.

Skills and/or Abilities

- Ability to manage new information technologies.

- Ability to manage work teams in technological projects.

- Ability to perform productive work.

Values and/or Attitudes

- Commitment to provide solutions and generate new business opportunities.

- Provides solutions for society.

- Service attitude.

- Commitment to the development of SMEs and the innovation of business processes of organizations.

Habits

- Has the habit of scientific argumentation

- Has the habit of reading

THE GRADUATION PROFILE FOR THE DOCTOR IN INFORMATION TECHNOLOGIES AND ELECTRONIC BUSINESS

Generate marketing strategies by implementing electronic business web solutions within regulatory frameworks that support strategy decision-making.

Generates scientific solutions in electronic businesses according to the regulatory framework of e-commerce and mobile technology.

Build models of validation of scientific input and assurance of the quality of processes in electronic businesses.

Develop electronic businesses considering the needs of the customer and their business model.

PROGRAM CURRICULAR LINES

The doctoral program has a number of 14 courses that can be taken on a flexible curriculum of 9 to 15 school periods, this academic program has 3 blocks, the first consists of 9 compulsory courses, where 6 of them concern the follow-up of doctoral work. The second block consists of 5 elective courses, of which 2 will be from the curricular lines of Human Development and Information Technologies, and finally the remaining 3 courses called complementary electives can be taken from the following curricular lines: Information Technologies, Electronic Commerce, Electronic Business, Software Engineering, Strategic Planning, Organization Management, Marketing and Research Seminars.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

DOCTORATE DEGREE IN INFORMATION TECHNOLOGY AND E-COMMERCE

GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS					TH	TC
INSTRUMENTAL	HUMANIST, DISCIPLINARY, AND PROFESSIONAL COMPETENCIES	INSTITUTIONAL (MANDATORY)	HUMAN DEVELOPMENT	Elective Course in Human Development HUM560				3	6
			E-COMMERCE	E-Commerce Technology ITI564				3	7
			E-BUSINESS	Data Mining ITI563	E-Business Security ITI566			6	14
FOUNDATIONAL		PROFESSIONAL	INFORMATION TECHNOLOGY (Minimum 1)	Elective Course in Information Technology					
			E-COMMERCE						
			E-BUSINESS						
			SOFTWARE ENGINEERING		Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	12	25
			STRATEGIC PLANNING						
			ORGANIZATIONAL MANAGEMENT						
			MARKETING						
SPECIALIZED		CAPSTONE	RESEARCH SEMINARS						
			RESEARCH	Doctoral Protocol TED113	Doctoral Research TED114			6	10
				Doctoral Dissertation I TED101	Doctoral Dissertation II TED102	Doctoral Dissertation III TED103	Doctoral Dissertation IV TED104	12	40
		TOTAL						**42**	**102**

TC MX	102
TC USA	51

DOCTORATE DEGREE IN

STRATEGIC PLANNING AND TECHNOLOGY MANAGEMENT

MODALITY: Online education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/01/1018/2013

ACADEMIC PROGRAM PURPOSE

It trains Doctors in Strategic Planning and Technology Management with competencies in business areas with the support in technology management, with business bases and with the use of decision analysis methodologies, with technological tools for design, analysis, evaluation and selection of strategies, through the evaluation, design and improvement of business systems, industrial and service systems from the point of view of their vision and mission, in addition to the development of technological innovations, to carry out applied research, from the strategic analysis of the most critical problems and opportunities of society, supported by strategic decision making aimed at benefiting the different social areas; working as consultants, academics, public officials and entrepreneurs.

ENTRY PROFILE

Knowledge

- Basic concepts in decision making tools.

- English language proficiency.

- Fundamentals in business management.

Abilities And/Or Skills

- Research oriented skills.

- Ability to work in teams and manage groups.

- Ability to handle computational information.

- Ability to make analytical decisions.

- Creative ability.

- Analysis, synthesis and problem solving.

Values And/Or Attitudes

- Responsibility and honesty.

- Tolerance to others.

- Ethics and social responsibility.

- Leadership and service mission.

Habits

- Technical reading.

- Acceptance of challenges and risks.

- Service to society.

THE GRADUATION PROFILE FOR THE DOCTOR IN STRATEGIC PLANNING AND TECHNOLOGY MANAGEMENT

Generate models to design action plans in complex environments to define organizational strategies based on international quality theoretical benchmarks.

Design technology innovation models aligned to the organizational strategy to increase business productivity and competitiveness in the relevant industrial sector.

Evaluate relevant information in scenarios com matched to the problem of decision-making in the organization

PROGRAM CURRICULAR LINES

The program has a number of 101 credits that can be taken on a flexible curriculum in 12school periods.

The program is within two areas of knowledge: Economic-Administrative Sciences and Engineering Sciences; and has three lines of research and application of knowledge (LGAC) which are reflected in the following descriptions:

Strategies: is a line of research approved by CONACYT where the student identifies, designs, develops and applies methodological, economic, business strategies, among others, for business growth and development, aligning the different strategies established with the overall strategy of the company, to achieve greater competitive advantage through the application of a single and differentiated action.

Technological Innovation: the purpose of this line also approved by CONACYT is for the student to build and new ways to produce, develop, market, process, manage a renewed or improved product or service useful to the consumer; through the management of technological development activities.

Decision Analysis: in this line of research the student establishes the strategic advantage through assessing the quality of decisions for the effectiveness of change in organizations, using techniques in decision analysis in Product Introduction, Company Restructuring, Business Mergers, Exploration, Investments in Technology, Acquisition of Durable Goods, New Markets, Introduction of Software, Introduction or Selection of New Technologies, among others.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

DOCTORATE DEGREE IN STRATEGIC PLANNING AND TECHNOLOGY MANAGEMENT

GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS					TH	TC
INSTRUMENTAL	HUMANIST, DISCIPLINARY, AND PROFESSIONAL COMPETENCIES	INSTITUTIONAL (MANDATORY)	**HUMAN DEVELOPMENT**	Elective Course in Human Development				3	6
			BUSINESS STRATEGIES	Global Strategic Planning ADM551				3	7
			ENGINEERING AND TECHNOLOGICAL INNOVATION	Technological Strategies ING551				3	7
			DECISION ANALYSIS METHODOLOGY	Decision Process Analysis MAD553				3	7
FOUNDATIONAL		PROFESSIONAL	**ENGINEERING AND TECHNOLOGICAL INNOVATION (MINIMUM 1)**	Elective Course in Engineering and Technological Innovation					
			BUSINESS STRATEGIES						
			DECISION ANALYSIS METHODOLOGY						
			LOGISTICS AND SUPPLY CHAIN MANAGEMENT		Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	12	24
			INFORMATION AND COMMUNICATION TECHNOLOGY						
			INTEGRATED MANUFACTURING SYSTEMS						
			ECONOMICS AND FINANCE						
			RESEARCH SEMINARS						
SPECIALIZED		CAPSTONE	**RESEARCH**	Doctoral Protocol TED113	Doctoral Research TED114			6	10
				Doctoral Dissertation I TED101	Doctoral Dissertation II TED102	Doctoral Dissertation III TED103	Doctoral Dissertation IV TED104	12	40
		TOTAL						**42**	**101**
								TC MX	101
								TC USA	51

DOCTORATE DEGREE IN

LOGISTICS AND SUPPLY CHAIN MANAGEMENT

MODALITY: Online education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/01/1020/2013

ACADEMIC PROGRAM PURPOSE

It trains Doctors with an attitude of service to society who are capable of carrying out projects that evaluate and improve the behavior of the Logistics Processes along the Supply Chain, through the application of optimization methods and models, simulation of systems in the areas of industrial engineering and economic-administrative sciences, in order to generate, contribute and apply new knowledge to the cultural heritage through scientific articles that contain proposals for solutions to highly complex logistics problems.

ENTRY PROFILE

Knowledge

- Has knowledge of English language at least at an intermediate level.

- Relates fundamental knowledge in Logistics and Supply Chain Management.

- Interprets quantitative and qualitative data.

Abilities And/Or Skills

- Possesses the ability of oral and written expression.

- Manages technological tools for the compilation and synthesis of contents as well as analysis and decision making.

Attitudes And/Or Values

- Works in teams to develop multidisciplinary research projects.

- Is tolerant to the diversity of opinions.

- Communicates with the values of responsibility, truth and transcendence.

- Willingness to work and research.

- Proposes creative ideas.

Habits

- Reads and interprets scientific information

THE GRADUATION PROFILE FOR THE DOCTOR IN LOGISTICS AND SUPPLY CHAIN MANAGEMENT

Optimize the different types of resources that make up the Supply Chain in Organizations.

Plan and direct innovative and ethical research projects contemplating the planning, design, operation and evaluation of the Supply Chain.

Design distribution networks considering from the supply of the raw material, processing of the product to its distribution.

Create and provide relevant solutions that result in logistics strategies and competitive advantages in complex environments.

Apply inventory control models in the various contexts of organizations by rating different approaches to decision-making.

Structure an overview of a traditional Supply Chain to a Sustainable Supply Chain clarifying the feasibility of its transformation.

Investigate Mexico's competitiveness of the world, as well as the Logistics Performance Index by examining opportunities for the country's improvement to be more competitive.

Plan, execute, and control production and operations within an organization.

Evaluate the different processes of key activities within the Supply Chain.

Collaborates intentionally and objectively within a multidisciplinary team.

PROGRAM CURRICULAR LINES

The program has a number of 33 coursess that can be taken on a flexible curriculum in 12 school periods.

The student must take 14 coursess with a minimum of 102 credits to accredit the Doctoral curriculum in Logistics and Supply Chain Management. He will take 9 compulsory coursess, of which 1 of them will be of the Human Development line; and 5 optional: of which, minimum 1 will be from the curricular supply line and the remaining 4, called complementary electives can be taken from the following curricular lines: Supply, Logistics Processes, Commercial Logistics, Optimization, Supply Chain Management and Research Seminars.

It consists of:

General Education (institutional curricular lines). These 2 coursess help us measure whether students acquire the competencies proposed by the program.

Compulsory training (common curricular lines). There are 3 key coursess for the student to be characterized by having taken the postgraduate degree with UPAEP. These coursess belong to the curriculum line of human development where the student acquires institutional stamp training. And to the supply line where students are provided with the basic knowledge needed to perform well in graduate school.

Disciplinary training (professional curricular lines and elective

curricular lines). The 20 coursess of the professional curricular lines are divided into the following curricular lines: Logistics Processes, Supply Chain Management, Supply, Commercial Logistics, Optimization and Methodology for Decision Making. These coursess provide the logistics profile and select one of the 2 Lines of Generation and Application of Knowledge Logistics Management Systems. This line of research relates to the generation and/or application of knowledge about the use of models, methods and information technology to solve problems related to supply chain management, such as supplier selection and evaluation, logistics operators, strategic sourcing, supply chain risk and Humanitarian Logistics.

Supply Chain Optimization. This line of research relates to the generation and/or application of knowledge about the use of software, models and mathematical methods to solve problems related to the optimization of resources throughout the supply chain, such as Inventory Control, plant and warehouse layout, sales territory design, distribution center location and vehicle routing.

Research coursess (terminal curricular lines). There are 10 coursess in the terminal curricular lines, 3 of these coursess belong to the curriculum line of update and integration seminars, and 5 the curriculum line of research. These coursess help the student to update and specialize in a specific topic and thus develop the research topic, usually students apply their knowledge in the industry or to social situations.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

DOCTORATE IN LOGISTICS AND SUPPLY CHAIN MANAGEMENT

ONLINE EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS					TC
INSTRUMENTAL	HUMANIST, DISCIPLINARY, AND PROFESSIONAL COMPETENCIES	INSTITUTIONAL (Mandatory)	HUMAN DEVELOPMENT	Elective Course in Human Development				6
			DECISION-MAKING METHODOLOGY	Operations Research MAD554	Multivariate Statistics MAT551			14
FOUNDATIONAL		PROFESSIONAL	SUPPLY (MINIMUM 1)	Elective Course in Supply				
			LOGISTICAL PROCESSES					
			COMMERCIAL LOGISTICS					
			OPTIMIZATION		Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	32
			SUPPLY CHAIN MANAGEMENT					
SPECIALIZED		CAPSTONE	RESEARCH SEMINARS					
			RESEARCH	Doctoral Protocol TED 113	Doctoral Research TED 114			10
				Doctoral Dissertation I TED 101	Doctoral Dissertation II TED 102	Doctoral Dissertation III TED 103	Doctoral Dissertation IV TED 104	40
		TOTAL						102

TC MX	102
TC USA	51

DOCTORATE DEGREE IN
MECHATRONICS ENGINEERING

MODALITY: Online education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/01/1030/2013

ACADEMIC PROGRAM PURPOSE

It trains integral Doctors in Mechatronics Engineering, capable of developing, analyzing, designing and improving materials, parts and automation systems of application in all fields, through the scientific application of current and novel processes and theories of macromechatronic, micromechatronic and nanomechatronic systems that go beyond the conventional to the point of moving in the area of technological innovation, to solve problems in the fundamental, academic and industrial levels, conceived under the vision of improving productivity, competitiveness and sustainability of organizations.

ENTRY PROFILE

Knowledge

- Recognizes advanced theories in electronics, mechanics, computing and materials.

- Distinguishes state-of-the-art technological elements for performing automated production tasks.

- Defines applied research theories.

- Knows mathematical modeling techniques for control and automation processes.

Skills and/or abilities

- Critically handles theoretical and technical information from specialized sources in automation sciences.

- Participates in multidisciplinary works of applied research.

- Acquires new knowledge with ease and express their ideas with clarity.

- Applies his technological knowledge and methodologies in an original and innovative way.

Values and/or attitudes

- Is concerned with prioritizing their applied development projects in accordance with the needs of society.

- Works harmoniously in multi- and trans-disciplinary teams.

- Proactively assumes long work sessions.

- Maintains constancy and tenacity in the activities undertaken.

- Adopts autonomy in the pursuit of constant updating.

- Habit of service.

- Seeks to be continuously informed of the advances in his profession.

- Plans as an indispensable element prior to execution.

- Works in a responsible and considered manner.

- Proactive reaction to new situations.

THE GRADUATION PROFILE FOR THE DOCTOR IN MECHATRONICS ENGINEERING

Apply fundamental methods, techniques and laws of science, identifying relevant aspects and characteristics of an automated phenomenon or process, for the formulation of innovative models.

Design innovative practices of new technologies for the modernization of the productive processes of organizations.

Demonstrate the veracity of evidence, based on the scientific, technological and technical developments of Mechatronics, to confirm the validity of mechatronic designs.

Propose technological designs relevant to the current context, interpreting and applying new knowledge, to offer solutions that take into account environmental, cultural and social effects.

Carry out continuous technological surveillance, methodically analyzing the state of the art in the most recognized articles and patents in the field of mechatronics, to devise scientifically valid

and commercially relevant developments.

Generate business initiatives based on market knowledge, technology and sustainability to boost competitiveness through the application of mechatronic systems.

Lead multidisciplinary working groups, through.

PROGRAM CURRICULAR LINES

The program has a number of 100 credits that can be taken on a flexible curriculum in 12 school periods.

It consists of:

General Education (institutional curricular lines): General courses, which consist of the integral training of the student and the study of foreign languages.

Propaedeutic Training (if you contemplate it): Doesn't apply

Theoretical Training (basic professional curricular lines): courses that develop the theoretical skills of the student through a common university curricular lines.

Optional Human Development:

Hum560 Leadership and Service Mission, Hum542 Human Integration

Disciplinary training (professional curricular lines and elective curricular lines), specialization courses that make up the common curricular lines and professional curricular lines.

Fundamentals of Robotics MEC555, Industrial Robotics

MEC556, Select Robotics Topics MEC557, Projection of Microelectromechanical Systems MEC558, Manufacture of Microelectromechanical Systems MEC559, Encapsulation and Testing of Microelectromechanical Systems MEC560, MeC561 State-of-the-art sensors and actuators, MeC562 Nanostructured Material Basics, MEC563 Nanostructured Material Synthesis, MEC564 Nanostructured Material Simulation, MEC565 Nanostructured Material Characterization, MEC565 Signals and Vehicular Energy , MEC567 Automotive Peripheral Control Units, Combustion Engine Control MEC568, Electric Vehicles and Hybrids MEC569. Fundamentals of Mechatronic Systems MEC550, Industrial Power Electronics MEC552, Design and Analysis of Mechanisms MEC553, MAN571 Computer Aided Design and Manufacturing, MAN580 Integrated Manufacturing Systems, MAN581 Material Engineering, MAN584 Manufacturing Systems Simulation, MAN585 Industrial Automation and Control Systems, ITI560 Programming, ITI562 Databases, BIO552 Mathematical Model Basics, BIO553 Advanced Mathematical Models, Renewable Energy AMB516 , Energy Efficiency AMB517, Energy Sustainability Projects AMB518, ADM550 Strategic Prospecting and Innovation Workshop, Productivity and International Competitiveness ADM552, Sustainable Business Directorate ADM553, ADM554 Sustainable Business Workshop, Innovation and Disruptive Creativity DCI523, Log555 Electronic Business

Logistics, MER554 Commercial Communication, Small, Medium and Family Business Management, Management and Leadership in ORG550 Organizations, Entrepreneurial Development and New Companies

Research courses (terminal curricular lines): courses with research profile and project development, which integrates a project or final work.

INV630 Update Seminar, INV631 Innovation Seminar 48, INV632 Integration Seminar

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

DOCTORATE IN MECHATRONICS ENGINEERING

ONLINE EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS					TC
INSTRUMENTAL	HUMANIST, DISCIPLINARY, AND PROFESSIONAL COMPETENCIES	INSTITUTIONAL (MANDATORY)	HUMAN DEVELOPMENT	Elective Course in Human Development				6
			INNOVATION AND ENTREPRENEURSHIP DEVELOPMENT	Technological Strategies ING551				7
			MECHATRONIC DESIGN	Finite Element Design and Analysis MEC551	Programmable Instrumentation MEC554			14
FOUNDATIONAL		PROFESSIONAL	MACRO, MICRO AND, NANOMECHATRONICS (MINIMUM 2)	Elective Course in Macro, Micro, and Nanomechatronics	Elective Course in Macro, Micro, and Nanomechatronics			
			MECHATRONIC DESIGN					
			SUSTAINABLE MECHATRONIC AUTOMATION			Complementary Elective Course	Complementary Elective Course	26
			INNOVATION AND ENTREPRENEURSHIP DEVELOPMENT					
SPECIALIZED		CAPSTONE	RESEARCH SEMINARS					
			RESEARCH	Doctoral Protocol TED113	Doctoral Research TED114			10
				Doctoral Dissertation I TED101	Doctoral Dissertation II TED102	Doctoral Dissertation III TED103	Doctoral Dissertation IV TED104	40
		TOTAL						103

TC MX	103
TC USA	52

DOCTORATE DEGREE IN

INFORMATION TECHNOLOGIES AND ELECTRONIC BUSINESS

MODALITY: Online education

CAMPUS: PUEBLA

RVOE: COLLEGE OF ENGINEERING

ACADEMIC PROGRAM PURPOSE

It trains leading Doctors in innovation of relevant scientific models in information technologies and e-business, through the creation of new technological strategies that support the implementation of quality technological processes in the generation and effective management of information, in order to support decision making and increase the effectiveness of organizations, in favor of a better quality of life of society.

ENTRY PROFILE

Knowledge

- Master's degree issued by an accredited academic institution.

- Ability to generate technological solutions within the business.

- Analyzes with systemic approach the development opportunities in the labor market.

Skills and/or Abilities

- Ability to manage new information technologies.

- Ability to manage work teams in technological projects.

- Ability to perform productive work.

Values and/or Attitudes

- Commitment to provide solutions and generate new business opportunities.

- Provides solutions for society.

- Service attitude.

- Commitment to the development of SMEs and the innovation of business processes of organizations.

Habits

- Has the habit of scientific argumentation

- Has the habit of reading

THE GRADUATION PROFILE FOR THE DOCTOR IN INFORMATION TECHNOLOGY AND E-COMMERCE

Generate marketing strategies by implementing electronic business web solutions within regulatory frameworks that support strategy decision-making.

Generates scientific solutions in electronic businesses according to the regulatory framework of e-commerce and mobile technology.

Build models of validation of scientific input and assurance of the quality of processes in electronic businesses.

Develop electronic businesses considering the needs of the customer and their business model.

PROGRAM CURRICULAR LINES

The doctoral program has a number of 14 courses that can be taken on a flexible curriculum of 9 to 15 school periods, this academic program has 3 blocks, the first consists of 9 compulsory courses, where 6 of them concern the follow-up of doctoral work. The second block consists of 5 elective courses, of which 2 will be from the curricular lines of Human Development and Information Technologies, and finally the remaining 3 courses called complementary electives can be taken from the following curricular lines: Information Technologies, Electronic Commerce, Electronic Business, Software Engineering, Strategic Planning, Organization Management, Marketing and Research Seminars.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

FLEXIBLE CURRICULUM MODEL DISTRIBUTION

TC

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS					TC
INSTRUMENTAL	HUMANIST, DISCIPLINARY, AND PROFESSIONAL COMPETENCIES	INSTITUTIONAL (MANDATORY)	HUMAN DEVELOPMENT	Elective Course in Human Development				6
INSTRUMENTAL		INSTITUTIONAL (MANDATORY)	E-COMMERCE	E-Commerce Technology ITI564				7
INSTRUMENTAL		INSTITUTIONAL (MANDATORY)	E-BUSINESS	Data Mining ITI563	E-Business Security ITI566			14
FOUNDATIONAL		PROFESSIONAL	INFORMATION TECHNOLOGY (Minimum 1)	Elective Course in Information Technology				
FOUNDATIONAL		PROFESSIONAL	E-COMMERCE					
FOUNDATIONAL		PROFESSIONAL	E-BUSINESS					
FOUNDATIONAL		PROFESSIONAL	SOFTWARE ENGINEERING		Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	25
FOUNDATIONAL		PROFESSIONAL	STRATEGIC PLANNING					
FOUNDATIONAL		PROFESSIONAL	ORGANIZATIONAL MANAGEMENT					
FOUNDATIONAL		PROFESSIONAL	MARKETING					
SPECIALIZED		CAPSTONE	RESEARCH SEMINARS					
SPECIALIZED		CAPSTONE	RESEARCH	Doctoral Protocol TED113	Doctoral Research TED114			10
SPECIALIZED		CAPSTONE	RESEARCH	Doctoral Dissertation I TED101	Doctoral Dissertation II TED102	Doctoral Dissertation III TED103	Doctoral Dissertation IV TED104	40

TOTAL **102**

TC MX	102
TC USA	51

DOCTORATE DEGREE IN

INFORMATION TECHNOLOGY AND E-COMMERCE

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: COLLEGE OF ENGINEERING

ACADEMIC PROGRAM PURPOSE

It trains leading Doctors in innovation of relevant scientific models in information technologies and e-business, through the creation of new technological strategies that support the implementation of quality technological processes in the generation and effective management of information, in order to support decision making and increase the effectiveness of organizations, in favor of a better quality of life of society.

ENTRY PROFILE

Knowledge

- Master's degree issued by an accredited academic institution.

- Ability to generate technological solutions within the business.

- Analyzes with systemic approach the development opportunities in the labor market.

Skills and/or Abilities

- Ability to manage new information technologies.

- Ability to manage work teams in technological projects.

- Ability to perform productive work.

Values and/or Attitudes

- Commitment to provide solutions and generate new business opportunities.

- Provides solutions for society.

- Service attitude.

- Commitment to the development of SMEs and the innovation of business processes of organizations.

Habits

- Has the habit of scientific argumentation

-Has the habit of reading

Generate marketing strategies by implementing electronic business web solutions within regulatory frameworks that

THE GRADUATION PROFILE FOR THE DOCTOR IN INFORMATION TECHNOLOGY AND E-COMMERCE

support strategy decision-making.

Generates scientific solutions in electronic businesses according to the regulatory framework of e-commerce and mobile technology.

Build models of validation of scientific input and assurance of the quality of processes in electronic businesses.

Develop electronic businesses considering the needs of the customer and their business model.

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

Knowledge

PROGRAM CURRICULAR LINES

The doctoral program has a number of 14 courses that can be taken on a flexible curriculum of 9 to 15 school periods, this academic program has 3 blocks, the first consists of 9 compulsory courses, where 6 of them concern the follow-up of doctoral work. The second block consists of 5 elective courses, of which 2 will be from the curricular lines of Human Development and Information Technologies, and finally the remaining 3 courses called complementary electives can be taken from the following curricular lines: Information Technologies, Electronic Commerce, Electronic Business, Software Engineering, Strategic Planning, Organization Management, Marketing and Research Seminars.

CURRICULAR MAP

CURRICULAR MAP

DOCTORATE DEGREE IN INFORMATION TECHNOLOGY AND E-COMMERCE

ONLINE EDUCATION

FLEXIBLE CURRICULUM MODEL DISTRIBUTION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS					TC
INSTRUMENTAL	HUMANIST, DISCIPLINARY, AND PROFESSIONAL COMPETENCIES	INSTITUTIONAL (MANDATORY)	HUMAN DEVELOPMENT	Elective Course in Human Development				6
			E-COMMERCE	E-Commerce Technology ITI564				7
			E-BUSINESS	Data Mining ITI563	E-Business Security ITI566			14
FOUNDATIONAL		PROFESSIONAL	INFORMATION TECHNOLOGY (Minimum 1)	Elective Course in Information Technology				
			E-COMMERCE					
			E-BUSINESS					
			SOFTWARE ENGINEERING		Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	25
			STRATEGIC PLANNING					
			ORGANIZATIONAL MANAGEMENT					
			MARKETING					
SPECIALIZED		CAPSTONE	RESEARCH SEMINARS					
			RESEARCH	Doctoral Protocol TED113	Doctoral Research TED114			10
				Doctoral Dissertation I TED101	Doctoral Dissertation II TED102	Doctoral Dissertation III TED103	Doctoral Dissertation IV TED104	40
	TOTAL							**102**

TC MX	102
TC USA	51

DOCTORATE DEGREE IN
INFORMATION TECHNOLOGY AND E-COMMERCE

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/01/1017/2013

ACADEMIC PROGRAM PURPOSE

It trains leading Doctors in innovation of relevant scientific models in information technologies and e-business, through the creation of new technological strategies that support the implementation of quality technological processes in the generation and effective management of information, in order to support decision making and increase the effectiveness of organizations, in favor of a better quality of life of society.

ENTRY PROFILE

- Master's degree issued by an accredited academic institution.

- Ability to generate technological solutions within the business.

- Analyzes with systemic approach the development

opportunities in the labor market.

Skills and/or Abilities

- Ability to manage new information technologies.

- Ability to manage work teams in technological projects.

- Ability to perform productive work.

Values and/or Attitudes

- Commitment to provide solutions and generate new business opportunities.

- Provides solutions for society.

- Service attitude.

- Commitment to the development of SMEs and the innovation of business processes of organizations.

Habits

- Has the habit of scientific argumentation

- Has the habit of reading

Generate marketing strategies by implementing

THE GRADUATION PROFILE FOR THE DOCTOR IN INFORMATION TECHNOLOGY AND E-COMMERCE

electronic business web solutions within regulatory frameworks that support strategy decision-making.

Generates scientific solutions in electronic businesses according to the regulatory framework of e-commerce and mobile technology.

Build models of validation of scientific input and assurance of the quality of processes in electronic businesses.

Develop electronic businesses considering the needs of the customer and their business model.

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

PROGRAM CURRICULAR LINES

The doctoral program has a number of 14 courses that can be taken on a flexible curriculum of 9 to 15 school periods, this academic program has 3 blocks, the first consists of 9 compulsory courses, where 6 of them concern the follow-up of doctoral work. The second block consists of 5 elective courses, of which 2 will be from the curricular lines of Human Development and Information Technologies, and finally the remaining 3 courses called complementary electives can be taken from the following curricular lines: Information Technologies, Electronic Commerce, Electronic Business, Software Engineering, Strategic Planning, Organization Management, Marketing and Research Seminars.

CURRICULAR MAP

CURRICULAR MAP

DOCTORATE DEGREE IN INFORMATION TECHNOLOGY AND E-COMMERCE

GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS					TH	TC
INSTRUMENTAL	HUMANIST, DISCIPLINARY, AND PROFESSIONAL COMPETENCIES	INSTITUTIONAL (MANDATORY)	HUMAN DEVELOPMENT	Elective Course in Human Development HUM560				3	6
INSTRUMENTAL		INSTITUTIONAL (MANDATORY)	E-COMMERCE	E-Commerce Technology ITI564				3	7
INSTRUMENTAL		INSTITUTIONAL (MANDATORY)	E-BUSINESS	Data Mining ITI563	E-Business Security ITI566			6	14
FOUNDATIONAL		PROFESSIONAL	INFORMATION TECHNOLOGY (Minimum 1)	Elective Course in Information Technology					
FOUNDATIONAL		PROFESSIONAL	E-COMMERCE						
FOUNDATIONAL		PROFESSIONAL	E-BUSINESS						
FOUNDATIONAL		PROFESSIONAL	SOFTWARE ENGINEERING		Complementary Elective Course	Complementary Elective Course	Complementary Elective Course	12	25
FOUNDATIONAL		PROFESSIONAL	STRATEGIC PLANNING						
FOUNDATIONAL		PROFESSIONAL	ORGANIZATIONAL MANAGEMENT						
FOUNDATIONAL		PROFESSIONAL	MARKETING						
SPECIALIZED		CAPSTONE	RESEARCH SEMINARS						
SPECIALIZED		CAPSTONE	RESEARCH	Doctoral Protocol TED113	Doctoral Research TED114			6	10
SPECIALIZED		CAPSTONE	RESEARCH	Doctoral Dissertation I TED101	Doctoral Dissertation II TED102	Doctoral Dissertation III TED103	Doctoral Dissertation IV TED104	12	40
		TOTAL						**42**	**102**

TC MX	102
TC USA	51

SCHOOL OF
LANGUAGES &
CULTURE STUDIES

BACHELOR'S DEGREE IN
LANGUAGES, TEACHING AND CULTURAL DIVERSITY

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: 20192093

ENTRY PROFILE

Knowledge

- Recognizes the basic rules of Spanish writing.

- Distinguishes basic office and web 2.0 tools.

Abilities and/or skills

- Communicates ideas and thoughts in an inclusive way, being interested in diverse points of view.

- Collaborates and works as part of a team

Attitudes and/or values

- Values the acquisition and use of language.

- Is interested in foreign languages and different cultures.

- Respects diversity

ACADEMIC PROGRAM PURPOSE

It trains Bachelors in Languages, Teaching and Cultural Diversity with a humanistic, critical and ethical sense, who apply methodologies in language teaching, incorporating linguistic and sociocultural knowledge and skills, to innovate in language learning with a multicultural approach.

THE GRADUATION PROFILE FOR THE BACHELOR IN LANGUAGES, TEACHING AND CULTURAL DIVERSITY

To master multiple languages to communicate fluently and effectively in various contexts.

To apply teaching methodologies and linguistic aspects of languages when teaching them.

To design study plans for language learning based on the needs and context of the students.

To promote multicultural development and training in formal and informal educational settings.

To incorporate linguistic aspects to educational methodologies for teaching Spanish as a second language.

To use research techniques to teach foreign languages.

To use global competencies effectively in various contexts.

PROGRAM CURRICULAR LINES

The academic program has a total of 61 subjects that can be studied in a flexible curriculum in 8 school periods. The subjects are classified in five different lines: Teaching, Languages, Linguistics, Spanish, and Multiculturalism. The line of Teaching provides the student with the necessary skills to be a language teacher.

The line of Languages allows the graduates to master up to three languages with a high level of proficiency thanks to the number of hours of exposure to English and the language they choose as a second language (French or German). The Linguistics line seeks to strengthen the metalanguage and grammar knowledge required to be able to teach a language. The Spanish for Foreigners line seeks to take advantage of the field of teaching Spanish as a second language both in Mexico (in indigenous communities) and abroad. The Multicultural line gives undergraduate students a multicultural approach, aims to sensitize them to intercultural communication, and its management within the educational field.

The Degree in Languages, Teaching and Cultural Diversity follows curricular lines focused on the development of the necessary competencies to work as a language teacher in Mexico, and also in international institutions.

Its components are:

General Education (Institutional Core): consists of a series of interdisciplinary courses related to the values, mission and learning outcomes of UPAEP.

Propaedeutic Courses consist of 4 introductory English courses and 1 of Math Reasoning course.

Theoretical Training (Basic Professional Core) consists of 17 courses that provide students with the basis of the five curricular lines.

Disciplinary Training (Professional and Elective Core) consists of 19 professional courses and 10 elective courses divided into five curricular lines.

Research Seminars (Terminal Core) consist of 2 courses that provide students with the competencies to carry out language teaching research projects.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN LANGUAGES, TEACHING, AND CULTURAL DIVERSITY
GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS								TICH	TOCH	TC
FOUNDATIONAL	INSTITUTIONAL, PROFESSIONAL, AND COURSE	INSTITUTIONAL	HUMANIST FORMATION	Person and Truth FHU006	Person and Freedom FHU007	Person, Family, and Society FHU008	Person and Contemporary Culture FHU010	Person and the Mexican Identity FHU011	The Individual and Transcendence FHU009		288	288	36
			ENTREPRENEURSHIP				Entrepreneurship EMP026				72	40	7
		PROFESSIONAL FOUNDATIONS	ENGLISH	Advanced English I ING115	Advanced English II ING115	Global Perspective ING117 / English Proficiency I IED104	English Proficiency III IED105	English Proficiency IIII IED106			360	408	48
			LANGUAGES	Second Foreign Language Elective 1 OIE011	Second Foreign Language Elective 2 OIE0112	Second Foreign Language Elective 3 OIE103	Second Foreign Language Elective 4 OIE0104	Second Foreign Language Elective 5 OIE105			360	440	50
			TEACHING	General Pedagogy PIE100	Language Acquisition IED107	Language Teaching Methodologies IED108	Language Teaching Strategies IED109				216	200	26
			LINGUISTICS	Fundamentals of Linguistics IED110	Spanish Morphosyntax IED111	Phonetics and Phonology IED112	English Morphosyntax IED113				192	192	24
			MULTICULTURALISM	Fundamentals of Multiculturalism IED114	Cultural Diversity in Mexico IED115		Intercultural Communication IED116				144	144	18
			SPANISH			Writing Seminar IED117	Ibero-American Literature IED118				96	96	12
DISCIPLINARY		PROFESSIONAL	LANGUAGE PROFICIENCY				Academic English IED220	Second Foreign Language Proficiency I OIE016	Second Foreign Language Proficiency II OIE017	Second Foreign Language Proficiency III OIE018	192	192	24
			LANGUAGE TEACHING				Instructional Materials IED221	Language Skills Assessment IED222	Educational Software COM014	Curricular Planning IED223	216	200	26
			ADVANCED LINGUISTICS				Sociolinguistics and Pragmatics IED224	Discourse Analysis IED225			96	96	12
			MULTICULTURAL EDUCATION					English Literature IED226	English-Speaking Cultures IED227	Global Civil Society LRI313	144	144	18
			SPANISH AS A FOREIGN LANGUAGE					Literary Analysis IED228	Teaching Spanish as a Foreign Language I IED229	Teaching Spanish as a Foreign Language II IED230	144	144	18
		ELECTIVE	ENTREPRENEURSHIP						Entrepreneurship Elective 1 OEM007	Entrepreneurship Elective 2 OEM008			
			DISCIPLINARY AREA						Selective Topics of Languages, Teaching, and Cultural Diversity I IED300	Selective Topics of Languages, Teaching, and Cultural Diversity II IED301	192	192	24
			ACADEMIC SYSTEMS OF SOCIAL RELEVANCE						Integrative Project of Social Relevance I VAS001	Integrative Project of Social Relevance II VAS002			
			GENERAL EDUCATION						General Education Elective 1 VAS003	General Education Elective 2 VAS004			
		CAPSTONE	RESEARCH					Descriptive Statistics MAT200	Languages, Teaching, and Cultural Diversity Pre-Graduation Seminar I IED400	Languages, Teaching, and Cultural Diversity Pre-Graduation Seminar II IED401	168	152	20
			TOTAL	6	6	7	7	7	7	7	2880	2928	363

TC MX	363
TC USA	182

COLLEGE OF
BIOLOGICAL SCIENCES

BACHELOR´S DEGREE

- VETERINARY MEDICINE AND ZOOTECHNICS
- ENVIRONMENTAL ENGINEERING AND SUSTAINABLE DEVELOPMENT
- BIOTECHNOLOGY ENGINEERING
- AGRONOMY ENGINEERING

MASTER´S DEGREE

- ENVIRONMENTAL ENGINEERING AND SUSTAINABLE DEVELOPMENT
- BIOTECHNOLOGY
- ENERGY MANAGEMENT
- ENERGY MANAGEMENT

SPECIALITY

- MEDICINE AND SURGERY OF THE DOG AND CAT

DOCTORATE DEGREE

- BIOTECHNOLOGY

COLLEGE OF BIOLOGICAL SCIENCES

BACHELOR'S DEGREE IN
VETERINARY MEDICINE AND ZOOTECHNICS

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/2672/2019

ACADEMIC PROGRAM PURPOSE

It trains Bachelors in Veterinary Medicine and Animal Husbandry, with ethical and humanistic sense, who are responsible for health care, production and animal welfare, applying medical, scientific and technological principles, in order to contribute to the health of human beings and the environment.

ENTRY PROFILE

Knowledge

- Recognizes basic concepts in biology, chemistry and mathematics.

- Distinguishes basic concepts in information handling, analysis, and synthesis.

- Identifies the basic structures of the English language.

- Recognizes the basic principles of written language.

Skills

- Uses Microsoft Office package, internet navigation.

- Applies the scientific method, analysis and processing of information for problem solving and prevention.

- Collaborative teamwork in a collaborative manner.

- Applies basic knowledge of the English language.

Attitudes and/or values

- Appreciates dealing with people, adapting to different environments and social situations.

- Is interested in outdoor activities as well as working with animals.

- Is inclined towards activities related to the animal health and production sector.

- Is tolerant of stressful situations.

- Respects his/her fellow humans and animals.

THE GRADUATION PROFILE FOR THE BACHELOR IN VETERINARY MEDICINE AND ZOOTECHNICS

To promote the animal welfare, carrying out its professional activities ethically and within the current legal framework.

To implement preventive medicine to maintain the productive and functional efficiency of the animals.

To apply veterinary public health programs to safeguard human health.

To develop the productivity of animals, ensuring the safety of products of animal origin.

To design, develop and evaluate research projects related to medicine, animal production and welfare.

To apply the scientific method, the analysis and processing of information for the resolution and prevention of problems.

PROGRAM CURRICULAR LINES

The program has a number of 69 courses that can be studied in a flexible curriculum in 9 school periods.

It is made up of:

General Education (institutional curricular line): courses that provide comprehensive training through the study of foreign languages, entrepreneurship and humanistic training.

Theoretical Training (basic professional curricular line): Courses that provide the theoretical bases of the program, knowing the structure, function of the animal body, behavior and the principles of animal welfare.

Disciplinary Training (professional core and elective core): These are courses that develop medical-surgical skills, medical diagnosis and treatment, and animal production.

Research courses (terminal curricular line): They provide the tools to do research by thesis.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN VETERINARY MEDICINE AND ZOOTECHNICS
GROUNDED EDUCATION

TYPE: FOUNDATIONAL / DISCIPLINARY
COMPETENCIES: INSTITUCIONAL, PROFESSIONAL, AND COURSE

CORE: INSTITUTIONAL (Type: FOUNDATIONAL)

CURRICULUM AREAS	1	2	3	4	5	6	7	8	9	TICH	TOCH	TC
COMPUTING	Digital Tools and Community COM013									72	56	8
HUMANIST FORMATION	Person and Truth FHU006	Person and Freedom FHU007	Person, Family, and Society FHU008	Person and Contemporary Culture FHU010	Person and the Mexican Identity FHU011	Person and Transcendence FHU009				288	288	36
ENTREPRENEURSHIP						Entrepreneurship EMP026				72	40	7
LANGUAGES	Language Elective I OPI009	Language Elective II OPI010	Global Perspective ING117							216	264	30

CORE: PROFESSIONAL FOUNDATION (Type: FOUNDATIONAL)

CURRICULUM AREAS	1	2	3	4	5	6	7	8	9	TICH	TOCH	TC
MATHEMATICS			Statistics for Health Sciences MAT208							72	56	8
BIOLOGY	Molecular Biology of the Cell BIO029	Biochemistry BIO030								120	88	13
BIOLOGY		General Physiology BIO031	Veterinary Physiology MVZ108							144	96	15
BIOLOGY			Basic Pharmacology BIO032	Immunology BIO033						120	72	12
ANATOMY	Veterinary Histology and Embriology MVZ109									72	56	8
ANATOMY	Veterinary Anatomy I MVZ110	Veterinary Anatomy II MVZ111	Topographical Anatomy and Neuroanatomy MVZ112							192	144	21
VETERINARY PROPEDEUTICS AND THERAPEUTICS	Introduction to Veterinary Medicine and Zootechnics MVZ113			Veterinary Propedeutics MVZ114						168	120	18
VETERINARY PROPEDEUTICS AND THERAPEUTICS				Veterinary Pharmacology and Therapeutics MVZ115						48	32	5
INFECTIOUS AGENTS			Bacteriology and Mycology MVZ116	Veterinary Parasitology and Virology MVZ117						168	104	17
ECOLOGY AND WELFARE		Agroecology AGR125								48	32	5
ECOLOGY AND WELFARE		Animal Welfare MVZ118								48	32	5

CORE: PROFESSIONAL (Type: DISCIPLINARY)

CURRICULUM AREAS	1	2	3	4	5	6	7	8	9	TICH	TOCH	TC
PATHOLOGY				General Pathological Anatomy MVZ219	Systemic Pathology MVZ220	Clinical Pathology MVZ221				192	144	21
FOOD NUTRITION AND INNOCUITY					Animal Nutrition AGR258	Animal Feed AGR259	Clinical Nutrition MVZ222			192	112	19
VETERINARY SURGERY						Veterinary Surgery I MVZ223	Veterinary Surgery II MVZ224			144	96	15
VETERINARY SURGERY					Veterinary Anesthesiology MVZ225					72	56	8
GENETICS AND REPRODUCTION				Veterinary Genetics MVZ226	Animal Reproduction MVZ227					96	64	10
CLINIC AND DIAGNOSTICS					Veterinary Imaging MVZ228		Small Animal Clinical Zootechnics MVZ229	Small Animal Internal Medicine MVZ230	Clinical Wildlife Medicine MVZ231	264	184	28
CLINIC AND DIAGNOSTICS					Ethology MVZ232		Equine Clinical Zootechnics MVZ233	Small Ruminant Clinical Medicine MVZ234		216	136	22
ANIMAL PRODUCTION						Apiculture, Pisciculture and Cuniculture MVZ235	Dairy Cattle Production AGR262			168	120	18
ANIMAL PRODUCTION							Swine Production AGR263	Small Ruminant Production AGR261	Chicken and Egg Production AGR006	216	168	24
ANIMAL PRODUCTION									Beef Cattle production AGR260	72	56	8
LEGISLATION AND PUBLIC HEALTH						Agricultural Legislation MVZ236		Global Health MVZ237		96	64	10
LEGISLATION AND PUBLIC HEALTH						Veterinary Epidemiology MVZ238		Animal Health AGR242	Food Innocuity MVZ 239	168	104	17

CORE: ELECTIVE (Type: DISCIPLINARY)

CURRICULUM AREAS	8	9	TICH	TOCH	TC
ENTREPRENEURSHIP	Entrepreneurship Elective 1 OEM007	Entrepreneurship Elective 2 OEM008			
DISCIPLINARY AREA	Selected Topics in Small Animal Soft Tissue Surgery MVZ309	Selected Topics in Equine Internal Medicine MVZ310	192	192	24
ACADEMIC SYSTEMS OF SOCIAL RELEVANCE	Integrative Project of Social Relevance I VAS001	Integrative Project of Social Relevance II VAS002			
GENERAL EDUCATION	General Education Elective 1 VAS003	General Education Elective 2 VAS004			

CORE: CAPSTONE (Type: DISCIPLINARY)

CURRICULUM AREAS	2	4	8	9	TICH	TOCH	TC
INTEGRATION	Integrative Internship in Basic Sciences I MVZ405	Integrative Internship in Basic Sciences II MVZ406	Integrative Internship in Professional Sciences MVZ407		144	48	12
RESEARCH				Veterinary Medicine and Zootecnics Pre-Graduation Seminar MVZ 408	48	48	6

TOTAL (courses per column): 7 | 8 | 7 | 8 | 7 | 7 | 7 | 8 | 7
TICH 4128 | TOCH 3072 | TC 450
TC MX 450
TC USA 225

BACHELOR'S DEGREE IN

ENVIRONMENTAL ENGINEERING AND SUSTAINABLE DEVELOPMENT

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: 20192741

ACADEMIC PROGRAM PURPOSE

It trains Bachelors in Environmental Engineering, with an ethical and humanistic vision and a deep understanding of basic sciences, engineering and environmental technology, which propose a rational use of resources, through the design and promotion of clean technologies from a perspective of sustainable development and compliance with environmental legislation, in order to ensure the welfare of human beings in the community.

ENTRY PROFILE

Knowledge

Describes the elements of the different disciplinary areas of human knowledge, especially basic sciences (mathematics, chemistry, physics, biology) and technology in the solution of different problems.

Skills and/or abilities

- Questions directly and indirectly observable changes that occur in environmental relationships and the incidence of human activities on these changes.

- Proposes solutions to problems related to basic sciences.

- Manages a basic level in oral and written expression in the English language.

Attitudes and/or values

- Is concerned about preventing and providing solutions to problems of environmental degradation, as well as the rational use of natural resources aimed at their conservation, restoration and sustainable use.

- Is proactive in undertaking projects.

- Gives responsible opinions.

- Presents disposition for teamwork.

- Is interested in undertaking environmental management projects.

THE GRADUATION PROFILE FOR THE BACHELOR IN ENVIRONMENTAL ENGINEERING AND SUSTAINABLE DEVELOPMENT

Applies the principles of environmental engineering and basic sciences identifying the main areas of environmental improvement to correct and prevent environmental problems with an attitude of service and initiative.

Manages environmental management applying the corresponding legislation and administrative processes before private companies, public institutions and civil society organizations, within a framework of confidentiality and professional ethics.

Promotes the change of energy sustainability by integrating the use of renewable energies with low carbon emissions and atmospheric pollution, which respond to development plans and local, national and international commitments.

Applies design processes in areas of environmental engineering proposing the rational use of natural resources aimed at their conservation, restoration and sustainable use working in interdisciplinary teams, seeking the common good.

Develops previous experimentation analyzing and interpreting data to establish solutions and promote innovative environmental proposals.

Acts with ethical and professional responsibility in situations relevant to environmental engineering and makes informed judgments considering the impact of engineering solutions in the global and sustainable contexts.

Designs environmental engineering projects with social relevance that reflect their entrepreneurial vocation, their transforming attitude and their life plan, through diagnosis, planning, problem evaluation and effective communication with a technical language.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN ENVIRONMENTAL ENGINEERING AND SUSTAINABLE DEVELOPMENT
GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS							TICH	TOCH	TC
INSTRUMENTAL	INSTITUTIONAL, PROFESSIONAL, AND COURSE	INSTITUTIONAL	HUMANIST FORMATION	Person and Truth FHU006	Person and Freedom FHU007	Person, Family, and Society FHU008	Person and Contemporary Culture FHU010	Person and the Mexican Identity FHU011	Person and Trascendence FHU009	18	18	36
			ENTREPRENEURSHIP					Entrepreneurship EMP026		4.5	2.5	7
			LANGUAGES	Language Elective 1 OPI009	Language Elective 2 OPI010	Global Perspective ING117				13.5	16.5	30
FOUNDATIONAL		PROFESSIONAL FOUNDATION	MATHEMATICS	Differential Calculus of One Variable MAT111	Integral Calculus of One Variable MAT112	Multivariate Calculus MAT113	Ordinary Differential Equations MAT114			18	11	29
					Statistical Methods for Engineering MAT205	Applied Statistical Methods MAT206	Design of Experiments and Statistical Analysis MAT207			12	10	22
			CHEMISTRY	General Chemistry QUI033	Inorganic Chemistry QUI035	Organic Chemistry QUI036	Analytical Chemistry QUI037	Instrumental Analysis QUI038		24	18	42
			PHYSICS				Physics FIS038			4.5	2.5	7
			BASIC ENVIRONMENTAL SCIENCES	Biology and the Environment ADS100	Terrestrial Ecosystems ADS101	Sustainable Development ADS102				10.5	7.5	18
				Environmental Problems ADS103		Aquatic Ecosystems ADS104				6	4	10
				Climatology and Hydrology ADS105	Climate Change and Air Pollution ADS106					6	4	10
SPECIALIZED		PROFESSIONAL	ADVANCED ENVIRONMENTAL SCIENCES				Software and Interpretation of Blueprints ADS200	Environmental Microbiology ADS201		7.5	6.5	14
							Geology and Edaphology ADS202	Geographic Information Systems ADS203	Methods and Techniques for the Study of Ecosystems ADS204	12	9	21
								Ecotoxicology ADS205	Environmental Unit Operations ADS206	9	5	14
			ENERGY				Fundamentals of Energy ADS207	Renewable Energy I ADS208	Renewable Energy II ADS209	13.5	10.5	24
			ENVIRONMENTAL MANAGEMENT					Environmental Legislation ADS210	Environmental Audit ADS211	7.5	4.5	12
									Environmental Impact and Risk Assessment ADS212	4.5	2.5	7
								Workplace Safety and Health ADS213	Professional Internship ADS214	7.5	3.5	11
			NATURAL RESOURCES					Wastewater Treatment Systems ADS215	Air Pollution Prevention and Control Technologies ADS216	9	7	16
								Remediation of Contaminated Sites ADS217	Sustainable Management of Natural Resources ADS218 / Technologies for Atmospheric Prevention and Control ADS219	10.5	6.5	17
			SOIL AND WASTEWATER					Solid Waste Management ADS220	Hazardous Waste Management ADS221	6	4	10
		ELECTIVE	ENTREPRENEURSHIP					Entrepreneurship Elective I OEM007	Entrepreneurship Elective II OEM008			
			DISCIPLINARY AREA					Selected Topics in Environmental Engineering and Sustainable Development I ADS300	Selected Topics in Environmental Engineering and Sustainable Development II ADS301	12	12	24
			ACADEMIC SYSTEMS OF SOCIAL RELEVANCE					Integrative Project of Social Relevance I VAS001	Integrative Project of Social Relevance II VAS002			
			GENERAL EDUCATION					General Education Elective I VAS003	General Education Elective II VAS004			
		CAPSTONE	RESEARCH						Environmental Engineering and Sustainable Development Pre-Graduation Seminar ADS400	3	3	6
			TOTAL	7	7	7	7	7	8 / 7 / 7	219	168	387

TC MX 387
TC USA 194

BACHELOR'S DEGREE IN
BIOTECHNOLOGY ENGINEERING

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: 20200018

ACADEMIC PROGRAM PURPOSE

The Bachelor's Degree in Biotechnology Engineering trains graduates in the areas of production, research and development of biotechnological products in industries related to Biotechnology, acquiring skills in the management, development and implementation of technologies of biological systems, living organisms and their derivatives based on basic sciences and engineering,   with ethical and social commitment, to create, improve or modify products and processes with biotechnological methods that solve problems of daily life in a sustainable manner.

ENTRY PROFILE

Knowledge

- Recognizes the basic notions of biological sciences, chemical sciences, mathematics, health sciences and/or technology.

- Identifies main ideas in a text

Abilities and/or skills

- Manages information and communication technologies

- Shows creativity

- Discriminates between different sources of information

- Communicates at a basic level of English

- Performs proactively

Attitudes and/or values

- Values the dignity of the human person

- Enjoys working with living organisms

- Demonstrates tolerance and openness to new ideas

- Is aware of his/her impact on the environment

- Willingness to work in a laboratory and in the field

- Values multidisciplinary collaborative work

THE GRADUATION PROFILE FOR THE BACHELOR IN BIOTECHNOLOGY ENGINEERING

The competencies acquired in the Bachelor's Degree in Biotechnology Engineering are:

Applies the current regulations for the handling of living organisms and derivatives for quality control, safety and biosafety.

Designs biotechnological products taking into account the fundamental variables that govern the processes.

Uses information from recent specialized sources appropriate to his project.

Applies the scientific method in the development of biotechnological products and processes.

Solves problems using a multidisciplinary approach in the different areas of biotechnology.

Solves problems in a sustainable way.

Uses living organisms or their parts for the development of products and the improvement of processes of industrial, social, environmental or clinical interest.

PROGRAM CURRICULAR LINES

The program has a number of 57 courses that can be studied in a flexible curriculum in 9 academic periods.

It is composed of:

General Education (institutional curricular line): General Courses, which consist of courses of humanistic studies, critical thinking, bioethics, languages and culture, and digital tools.

Propaedeutic Training, which consists of 2 courses that allow the student to have the appropriate basic level in physics and mathematics.

Theoretical Training (basic professional curricular line), which consists of basic science and engineering courses related to mathematics, physics, chemistry, biochemistry and physiology.

Disciplinary Training (professional curricular line and elective curricular line), which consists of courses related to biology, bioprocesses and bio-businesses culminating in a terminal line (Agroindustrial, Environmental, Medical, Entrepreneurship).

Research courses (terminal curricular line), which consists of courses that provide tools in statistics, experimental design and research methodology.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN BIOTECHNOLOGY ENGINEERING
GROUNDED EDUCATION

TYPE: INSTRUMENTAL · FOUNDATIONAL · SPECIALIZED
COMPETENCIES: FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL
CORE: INSTITUTIONAL · PROFESSIONAL FOUNDATIONS · PROFESSIONAL · ELECTIVE · CAPSTONE

CURRICULUM AREAS	1	2	3	4	5	6	7	8	9	TH	TC
COMPUTING		Digital Tools and Community COM013								4	8
HUMANIST THINKING AND FORMATION	Person and Truth FHU006		Structural Foundations of Critical Thinking LPC001		Academic Writing LPC002					9	18
			Person and Humanist Culture FHU004		Ethics and Social Responsibility FHU005	Bioethics FHU106				11	22
LANGUAGE AND CULTURE	Language and Culture Elective 1 OPI001	Language and Culture Elective 2 OPI002	Language and Culture Elective 3 OPI003	Language and Culture Elective 4 OPI004						20	40
MATHEMATICS	Mathematics I MIN003	Mathematics II MIN004	Mathematics III MIN005	Mathematics IV MIN006						20	40
PHYSICS		Physics FIS030	Thermodynamics FIS025	Principles of Mass and Energy Balances IQI001	Heat and Mass Transfer IQI002					19	38
CHEMISTRY	Fundamentals of Chemistry QUI032	Organic Chemistry I QUI022	Organic Chemistry II QUI023							17	31
BIOTECHNOLOGY AND SOCIETY	Fundamentals of Biotechnology LBT102									2	4
PHYSIOLOGY	Molecular Biology of the Cell BIO003	Plant Physiology LBT104								11	20
		Animal Physiology LBT103	Biochemistry of Biomolecules LBT105							12	20
ADVANCED CHEMISTRY				General Analytical Chemistry QUI024		General Instrumental Analysis QUI025				10	20
BIOCHEMISTRY				Biochemistry of the Metabolism LBT215						6	10
BIOBUSINESS							Innovation Economy ECO008	Project Evaluation ECO213		6	12
							Legislation and Social Impact of Biotechnology LBT216			4	6
MICROBIOLOGY AND BIOPROCESSES					Microbiology Applied to Biotechnology LBT217	Chemical Reactors IQI003		Unit Operation Practices IQI004		14	24
					Genetics LBT218					6	9
MOLECULAR GENETICS					Molecular Biology LBT219	Bioinformatics LBT220	Omic Sciences LBT221			19	35
						Genetic Engineering LBT222		Immunobiology LBT223		12	17
								Nanotechnology and Materials Technology LBT224		6	9
THE ENVIRONMENT							Environmental Toxicology AMB300			5	10
WHITE BIOTECHNOLOGY							Metabolic Engineering LBT302	Food Biotechnology QUI031	Natural Products LBT303		
GREEN BIOTECHNOLOGY							Biological Decontamination Technologies AMB011	Plant Tissue Culture AGR328	Sustainable Bioenergy AMB012	10	19
RED BIOTECHNOLOGY							Biopharmacy and Protein Engineering LBT304	Medical Biotechnology LBT305	Molecular Diagnostics LBT306		
ENTREPRENEURSHIP							Entrepreneurship Model EMP001	Entrepreneurship Elective OEM001	Entrepreneurship Elective OEM002		
INTEGRATION							Bioprocesses LBT404	Elective OIB004	Elective OIB005	11	21
						Selected Topics in Biotechnology LBT405	Applications of Genetic Engineering LBT406		Design of Biotechnological Plants LBT407	13	22
RESEARCH				Probability and Statistics MIN007	Applied Statistics MIN008	Design of Experiments MIN010		Research Seminar LBT408		16	33
TOTAL	6	7	7	6	7	7	7	7	3	**263**	**488**

TC MX 488
TC USA 244

BACHELOR'S DEGREE IN
AGRONOMY ENGINEERING

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: 20200017

ACADEMIC PROGRAM PURPOSE

To train Bachelors of Engineering in Agronomy, with an ethical and humanistic sense, who contribute in an active, profitable and sustainable way in agri-food production, through the application of cutting-edge technological strategies with social responsibility and commitment to the environment, to propose solutions to economic, social and environmental problems.

ENTRY PROFILE

Knowledge

- Identifies basic knowledge of biological sciences and exact sciences.

- Distinguishes the characteristics of the rural environment as a center of agrifood production.

- Recognizes the productive and economic potential of agricultural activities.

Abilities and/or skills

- Uses information and communication technologies.

- Communicates effectively through verbal and written language.

- Manages the basic level of a second language.

- Works in a collaborative and interdisciplinary manner.

Attitudes and/or values

- Demonstrates ease in dealing with people in different environments.

- Adapts to different educational spaces (laboratories, classrooms, agri-food production units, congresses).

- Respects nature, appreciating outdoor work.

- Is interested in the environment of the rural and agri-food sector.

THE GRADUATION PROFILE FOR THE BACHELOR IN AGRONOMY ENGINEERING

Produce food of vegetable and animal origin, with added value, in a profitable and sustainable way, in intensive, extensive and organic systems, using technologies for the primary activity and agro-industrial.

Direct agri-food companies in a competitive way, with a focus on administration, finance, marketing and Christian humanism, in the national and export markets.

Generate information for decision-making in the different areas that make up agricultural organizations.

Apply the design of experiments for innovation, for problem solving and to improve agricultural activity in general.

Promote rural development, through the implementation of strategies, actions and technology transfer that lead to economic and personal growth.

Apply current regulations to effectively carry out primary production, industrialization and marketing of agri-food products.

Investigate markets, design marketing strategies, promotion and sale of products and services related to the agri-food sector.

PROGRAM CURRICULAR LINES

The program has a number of 65 courses that can be studied in a flexible curriculum in 9 school periods.

It is made up of:

General Education (institutional curricular line): 10 general courses, consisting of humanistic training, entrepreneurship, languages and a global perspective.

Propedeutic training (if you contemplate it) that consists of a remedial course in basic mathematics and remedial courses in English.

Theoretical Training (basic professional curricular line), which consists of the areas of Mathematics, Chemistry, Biology, Soils, Ecology and Agricultural Systems.

Disciplinary Training (professional curricular line and elective curricular line), which consists of Water, Plant and Animal Health, Plant Science, Animal Science, Agribusiness, Innovation and Technological Development.

Research courses (terminal curricular line), which consists of courses such as Research Methodology and integration of knowledge and skills.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN AGRONOMY ENGINEERING
GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS	1	2	3	4	5	6	7	8	9	TIC	TOC	TC
INSTRUMENTAL		INSTITUTIONAL	HUMANIST FORMATION	Person, and Truth FHU006	Person and Freedom FHU007	Person, Family, and Society FHU008	Person and Contemporary Culture FHU010	Person and the Mexican Identity FHU011	Person and Transcendence FHU009				288	288	36
			ENTREPRENEURSHIP							Entrepreneurship EMP026			72	40	7
			LANGUAGES	Language Elective I OPI009	Language Elective II OPI010	Global Perspective ING117							216	264	30
			MATHEMATICS	Differential Calculus of One Variable MAT111			Statistical Methods in Engineering MAT205						144	96	15
			CHEMISTRY	General Chemistry QUI033	Structural Biochemistry BIO034								144	96	15
FOUNDATIONAL		PROFESSIONAL FOUNDATIONS	BIOLOGY			Plant Physiology AGR116	Genetics AGR117						144	80	14
			BIOLOGY		Plant Anatomy and Taxonomy AGR118	Animal Anatomy and Physiology AGR119							144	80	14
			SOILS		Soild and Substrate Management AGR120	Soil Fertility and Plant Nutrition AGR121							168	104	17
			AGRICULTURAL SYSTEMS	Plant Science Lab AGR122	Animal Science Lab AGR123								192	128	20
			AGRICULTURAL SYSTEMS	Introduction to Food and Agricultural Industries AGR124									48	32	5
			ECOLOGY			Agroecology AGR125	Agroecology Practices and Sustainability AGR126						96	64	10
SPECIALIZED	INSTITUTIONAL, PROFESSIONAL, AND COURSE	PROFESSIONAL	WATER				Agrometeorology AGR236	Irrigation and Fertigation Systems AGR237					144	80	14
			AGRICULTURAL SAFETY				Plant Disease and Pest Management AGR238	Integrated Pest Management AGR239	Plant Disease and Pest Workshop AGR240		Food Safety AGR241		264	136	25
			AGRICULTURAL SAFETY						Animal Health AGR242				72	40	7
			VEGETABLE PRODUCTION						Vegetable Production AGR243				72	40	7
			VEGETABLE PRODUCTION				Plant Propagation AGR244	Basic Grains Production AGR245	Fruit Production AGR246			Organic Farming AGR247	264	152	26
			VEGETABLE PRODUCTION									Ornamental Horticulture AGR248	48	32	5
			BUSINESS				Economy ECO001	Marketing of Agricultural Products AGR249	Agribusiness Management AGR250	Agribusiness Planning AGR 251			240	160	25
			BUSINESS						International Trip to Agri-Food Companies AGR252				48	32	5
			INNOVATION AND TECHNOLOGY DEVELOPMENT			Agricultural Machinery AGR253		Food Science QUI034				Precision Agriculture AGR254	216	104	20
			INNOVATION AND TECHNOLOGY DEVELOPMENT					Greenhouse Management AGR255		Hydroponics AGR256	Tropical Agriculture AGR257		168	104	17
			ANIMAL PRODUCTION				Animal Nutrition AGR258	Livestock Feeds and Feeding AGR259	Beef Cattle Production AGR260	Sheep and Goat Science AGR261			288	192	30
			ANIMAL PRODUCTION						Dairy Cattle Production AGR262			Swine Production AGR263	144	112	16
		ELECTIVE	ENTREPRENEURSHIP								Entrepreneurship Elective 1 OEM007	Entrepreneurship Elective 2 OEM008			
			DISCIPLINARY AREA								Selected Topics in Agri-Food Organizations AGR329	Selected Topics in Agricultural Biotechnology AGR330			
			ACADEMIC SYSTEMS OF SOCIAL RELEVANCE								Integrative Project of Social Relevance I VAS001	Integrative Project of Social Relevance II VAS002	192	192	24
			GENERAL EDUCATION								General Education Elective 1 VAS003	General Education Elective 2 VAS004			
		CAPSTONE	INTEGRATION				Internship in Agribusiness Companies I AGR412	Internship in Agribusiness Companies II AGR413	Internship in Agribusiness Companies III AGR414			Productive Project AGR415	192	64	16
			RESEARCH				Agricultural Experimentation AGR416				Agronomy Pre-Graduation Seminar AGR417		96	80	11
			TOTAL	6	6	7	8	8	7	8	7	8	4104	2792	431

23

23

TC MX 431
TC USA 216

Students must choose two elective lines from the four existing lines and study four courses, two for each selected line.

SPECIALITY IN

MEDICINE AND SURGERY OF THE DOG AND CAT

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/01/1360/2015

ACADEMIC PROGRAM PURPOSE

It trains specialists in medicine and surgery of dogs and cats to recognize, diagnose and treat the diseases that affect these species, through the application of techniques and procedures focused on the prevention and recovery of small species, to ethically advise the best care of these animals and safeguard their health.

ENTRY PROFILE

Knowledge

- Distinguishes undergraduate level medical surgical fundamentals.

- Identifies basic medical and diagnostic equipment.

- Analyzes medical literature for medical practice.

Abilities and/or Skills

- Manages surgical and diagnostic processes during medical consultation.

- Communicates with ease of speech for direct dealings with patient owners.

- Uses information technology for the benefit of his/her patients.

Values and/or Attitudes

- Is interested in medical research

- Values teamwork

- Cares about the well-being of the patient and owner.

Habits

- Attachment to reading analysis

- Habit of service

- Habit of independent study and autonomous work.

THE GRADUATION PROFILE FOR THE SPECIALIST IN MEDICINE AND SURGERY OF THE DOG AND CAT

To be able to make diagnoses that lead you to define the treatment.

To propose a treatment for the disease detected in dogs and cats.

To handle the techniques for the performance of the main laboratory tests.

To use both drugs and technology that is necessary in the performance of analgesia and anesthesia in veterinary medicine.

Diagnostic methods used for fractures in orthopedics

To be able to manage surgical techniques in a preventive or curative way.

To recommend treatment to control the disease detected in the patient.

To fill clinical records of patients, based on a physical examination.

To promote animal health applying ethics and the humanistic sense

To do research related to surgical practices.

PROGRAM CURRICULAR LINES

The program has a number of 32 courses that can be studied in a flexible curriculum in 6 school periods.

It is made up of:

General Education (institutional): Courses that provide training on bioethics

CoreTheoretical Training (basic professional core): Courses that provide the theoretical bases of the program, knowing the behavior and principles of animal welfare.

Disciplinary Training (professional core and elective core): These are courses that develop medical-surgical skills, diagnosis and treatment by anatomical systems.

Research courses (terminal curricular line): They provide the tools to do research by thesis.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

SPECIALTY IN MEDICINE AND SURGERY OF THE DOG AND CAT

GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS							TH	TC
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	INSTITUTIONAL	LEADERSHIP		Bioethics BIO501					3	7
		PROFESSIONAL FOUNDATIONS	ANIMAL WELFARE	Animal Welfare CPG501		Ethology CPG513				4	8
			GENERAL MEDICINE	Diagnostic Approach and Preventive Medicine CPG502	Infectious Diseases CPG507					4	8
FOUNDATIONAL		PROFESSIONAL	INTERNAL MEDICINE	Nutrition in the Ill Patient CPG503			Neurology CPG516	Neumology CPG522		6	12
					Dermatology CPG508		Cardiology CPG517	Nephrology and Urology CPG523		6	12
					Gastroenterology CPG509			Ophthalmology CPG524	Oncology CPG529	6	12
								Reproduction and Obstetrics CPG525		2	4
			ANESTHESIOLOGY AND SURGERY		Anesthesiology CPG510					2	4
					Soft Tissue Surgery CPG511		Orthopedic Surgery CPG518		Physiotherapy and Rehabilitation CPG530	6	12
			IMAGING	Imaging I CPG 504		Imaging II CPG514				4	8
			DIAGNOSIS	Clinical Pathology CPG505			Pathological Anatomy CPG519			4	8
SPECIALIZED		CAPSTONE	INTEGRATION	Clinic and Surgery Practice I CPG506	Clinic and Surgery Practice II CPG512	Clinic and Surgery Practice III CPG515	Clinic and Surgery Practice IV CPG520	Clinic and Surgery Practice V CPG526	Select Topics in Surgery CPG531	6	42
								Veterinary Marketing and Management CPG527		2	4
			RESEARCH				Thesis I CPG521	Thesis II CPG528		4	8
		TOTAL		6	7	3	6	7	3	59	149

TC MX	149
TC USA	75

MASTER'S DEGREE IN

ENVIRONMENTAL ENGINEERING AND SUSTAINABLE DEVELOPMENT

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/2069/2017

ACADEMIC PROGRAM PURPOSE

To train Masters in Environmental Engineering and Sustainable Development competent in managing the use of natural resources, reducing the negative impact of human activities and influencing the development planning of productivity goals in companies, government agencies and non-governmental organizations, through ethical, humanistic and socially responsible participation, humanistic and socially responsible participation in the formulation of diagnoses, applied research, design and execution of projects, continuous evaluation and innovation in the areas of energy, water and soil, atmosphere and natural resources, to contribute to the prevention, mitigation and resolution of local environmental problems, and the protection and conservation of natural capital that contribute to sustainable development.

ENTRY PROFILE

Knowledge

- Presents logical-mathematical reasoning.

- Identifies areas of environmental improvement.

- Analyzes technical texts related to the discipline in a second language.

Skills and/or abilities

- Handles reliable sources to conduct research, develop projects, and take action to correct and prevent problems by identifying the root cause.

- Applies a language of engineering or related disciplines in his/her professional performance.

- Works in multidisciplinary teams to achieve work goals.

- Compares and interprets results obtained from analysis.

Attitudes and/or values

- Is interested in the rational use of natural resources aimed at their conservation, restoration and sustainable use.

- Gives responsible opinions.

- Presents disposition for teamwork.

Habits

- Habits of systematic and effective study, participation in academic and professionally directed events.

- Habits of good hygiene and proactive positive attitude towards life.

THE GRADUATION PROFILE FOR THE MASTER IN ENVIRONMENTAL ENGINEERING AND SUSTAINABLE DEVELOPMENT

Carries out sustainable projects in the areas of environment and energy that mitigate, compensate and identify innovative business opportunities in the public and private sectors.

Provides environmental consulting in the use of clean and saving technologies to private companies, public institutions and civil society organizations.

Designs strategies for sustainability in the use of natural resources that recognize their strategic value and efficient use in the administration of natural capital.

Proposes sustainable projects that provide solutions to climate change and, in general, to the negative impacts generated by human beings based on environmental legislation, industrial safety and hygiene, and business planning.

Develops energy sustainability projects that promote the use of renewable energies with low carbon emissions and atmospheric pollution that respond to development plans and local, national and international commitments to compensate for t h e negative impacts of environmental liabilities.

Promotes the efficient use of energy, renewable energies with low carbon emissions and atmospheric pollution.

Adapts the use of clean and decontaminating technologies that mitigate environmental pollution in ecosystems.

Works in inter, trans and multidisciplinary teams managing with social responsibility and solidarity the resources, goods and services in their charge.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

MASTER'S DEGREE IN ENVIRONMENTAL ENGINEERING AND SUSTAINABLE DEVELOPMENT
GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS							TICH	TOCH	TC
FOUNDATIONAL	INSTITUTIONAL, PROFESSIONAL, AND COURSE	INSTITUTIONAL	LEADERSHIP				Leadership and Service Mission HUM560			48	64	7
		PROFESSIONAL FOUNDATIONS	ENVIRONMENTAL ENGINEERING	Environmental Chemistry AMB556						48	64	7
			SUSTAINABLE DEVELOPMENT	Integrated Environmental and Energy Management MGE502	Sustainable Enterprise Management ADM553					96	128	14
DISCIPLINARY		PROFESSIONAL	ENVIRONMENTAL ENGINEERING AND SUSTAINABLE DEVELOPMENT (minimum 2)	Elective Course in Environmental Engineering and Sustainable Development OIA001	Elective Course in Environmental Engineering and Sustainable Development OIA002							
			SUSTAINABILITY IN NATURAL RESOURCES (minimum 1)			Elective Course in Sustainability in Natural Resources Natural OIA003		Complementary Elective Course in: Environmental Engineering and Sustainable Development / Sustainability in Natural Resources / Energy Sustainability and Climate Change / Innovation and Technological Development / Competitiveness and Strategic Planning OIA006	Complementary Elective Course in: Environmental Engineering and Sustainable Development / Sustainability in Natural Resources / Energy Sustainability and Climate Change / Innovation and Technological Development / Competitiveness and Strategic Planning OIA008	288	304	37
			ENERGY SUSTAINABILITY AND CLIMATE CHANGE (minimum 1)				Elective Course in Energy Sustainability and Climate Change OIA004					
			INNOVATION AND TECHNOLOGICAL DEVELOPMENT									
			COMPETITIVENESS AND STRATEGIC PLANNING									
		CAPSTONE	REFRESHER AND INTEGRATION SEMINARS				CapstoneTopics: Refresher and Integration Seminars / Thesis and Practical Works OIA005	CapstoneTopics: Refresher and Integration Seminars / Thesis and Practical Works OIA007		96	96	12
			THESIS AND PRACTICAL JOBS									
			TOTAL	3	2	2	2	2	1	576	656	77

	TC MX	77
	TC USA	39

MASTER'S DEGREE IN

BIOTECHNOLOGY

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/2122/2018

ACADEMIC PROGRAM PURPOSE

To train Masters in Biotechnology, with ethical and humanistic sense that apply, develop and manage biotechnological processes in the environmental, agri-food, medical and pharmaceutical areas; through innovation, entrepreneurship, development, application and scaling of bioprocesses of industrial interest, as well as the mastery of analytical techniques in the control, evaluation and monitoring of processes, in order to generate a positive impact in the areas of environment, health, pharmaceutical and agri-food in the region and in the country, within a framework of respect for the environment.

ENTRY PROFILE

Knowledge

- Recognizes the logical-mathematical reasoning as a basis for obtaining experimental conclusions.

- Interprets basic concepts and techniques in biology, chemistry, biochemistry and microbiology.

- Explain the scientific method as a methodology for research.

- Analyzes scientific and/or popularization texts.

Skills

- Manages the English language with an intermediate level (400 points).

- Applies research techniques.

- Uses laboratory material and reagents in a responsible way.

- Works collaboratively.

- Applies critical, reflective and creative thinking.

- Makes decisions, evaluating the conditions and situations presented.

Values and attitudes

- Acts positively in collaborative and individual work.

- Assumes responsibilities with himself, with others and with the environment with an ethical and humane approach.

- Values the care of the environment.

- Is interested in solving problems in a multidisciplinary team.

Habits

- Reading habits.

- Habit of scientific consultation.

- Habit of organization.

- Habit of planning.

THE GRADUATION PROFILE FOR THE MASTER IN BIOTECHNOLOGY

Has basic knowledge in biology, chemistry, biochemistry and microbiology.

Uses the scientific method as a research methodology.

Handles the writing of scientific and technical texts for the development of popularization and/or scientific articles.

Master laboratory techniques in microbiology, physiology, molecular biology, and genetics.

Participate in problem solving in a multidisciplinary team in areas of the biotechnology, pharmaceutical, cosmetic, fermentation, food, chemical process industries, especially in biomaterials and recycling, agrochemicals, fertilizers and green chemistry processes.

PROGRAM CURRICULAR LINES

The program has a number of 12 courses that can be studied in a flexible curriculum in 6 academic periods.

It is made up of:

General Education (institutional curricular line): which consists of the Bioethics course that allows students to value the person, the environment and the common good.

Theoretical Training (basic professional curricular line): which consists of compulsory courses in the areas of Biochemistry, microbiology, molecular biology and new businesses.

Disciplinary Training (professional curricular line and elective curricular line): consisting of 3 elective lines of biotechnology: Agri-food, environmental and medical-pharmaceutical.

Research courses (terminal curricular line): which consists of courses for the accompaniment of the student in the development of their research projects.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

MASTER'S DEGREE IN BIOTECHNOLOGY
GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS				TICH	TOCH	TC
FOUNDATIONAL	INSTITUTIONAL, PROFESSIONAL, AND COURSE	INSTITUTIONAL	LEADERSHIP	Bioethics SPU520			48	64	7
		PROFESSIONAL FOUNDATIONS	BIOTECHNOLOGY	Molecular Biology BTE553	Biotechnology and New Businesses BTE554	Industrial Microbial Biochemistry BTE555	144	192	21
DISCIPLINARY		PROFESSIONAL	BUSINESS PLANNING AND DECISION-MAKING	Topics in Business Planning and Decision-Making OBT001	Topics in Business Planning and Decision-Making OBT003				
			FOOD BIOTECHNOLOGY				240	288	33
			ENVIRONMENTAL BIOTECHNOLOGY		Complementary Professional Topics: Food Biotechnology / Environmental Biotechnology / Medical and Pharmaceutical Biotechnology OBT004	Complementary Professional Topics: Food Biotechnology / Environmental Biotechnology / Medical and Pharmaceutical Biotechnology OBT005	Complementary Professional Topics: Food Biotechnology / Environmental Biotechnology / Medical and Pharmaceutical Biotechnology OBT006			
			MEDICAL AND PHARMACEUTICAL BIOTECHNOLOGY						
		CAPSTONE	REFRESHER AND INTEGRATION SEMINARS	Capstone Topics: Refresher and Integration Seminars / Thesis and Practical Work OBT002	Capstone Topics: Refresher and Integration Seminars / Thesis and Practical Work OBT007	Capstone Topics: Refresher and Integration Seminars / Thesis and Practical Work OBT008	144	144	18
			THESIS AND PRACTICAL WORKS						
			TOTAL				576	688	79

TC MX	79
TC USA	40

MASTER'S DEGREE IN

ENERGY MANAGEMENT

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/01/2058/2017

ACADEMIC PROGRAM PURPOSE

It trains Masters in Energy Management who develop a culture of continuous improvement of energy performance derived from the energy contained in natural processes, through the application of planning strategies and comprehensive evaluation of energy sustainability projects, in order to promote the implementation of cost and energy saving practices in facilities, processes, equipment and operations, within the daily practice of organizations in an ethical and humanistic way.

ENTRY PROFILE

Knowledge

Presents logical-mathematical reasoning.

Analyzes technical texts related to the discipline in a second language.

Skills and/or abilities

-Uses word processors and spreadsheets, as well as information and communication technologies in the search for reliable sources to carry out a research or project.

-Applies a language of engineering or related disciplines in his/her professional performance.

-Works in multidisciplinary teams to achieve the goals of the work.

-Compares and interprets results obtained from analysis.

-Is capable of observing phenomena occurring around him/her and proposes ideas or technological solutions.

-Applies the fundamentals of basic sciences in technology and the solution of different problems.

Attitudes and/or values

-Issues responsible opinions.

-Presents disposition for teamwork.

-Is interested in areas of energy generation aimed at climate change mitigation.

Habits

-Habits of reading and systematic and effective study, participation in academic and professionally directed events.

-Habits of good hygiene and proactive positive attitude towards life.

THE GRADUATION PROFILE FOR THE MASTER IN ENERGY MANAGEMENT

Provides advice on energy management in the transportation, distribution, commercialization and final use of energy to private companies, public institutions and civil society organizations.

Performs comprehensive planning of energy projects integrating economic, regulatory and financial information analysis required in the technical and economic management of the different business areas in the energy sector companies.

Designs energy sustainability strategies incorporating technological innovations, creative deregulation options and competitive advantages of conventional and renewable sources.

Proposes energy management projects to establish short, medium and long term objectives aimed at achieving optimization in the use of energy resources and their techniques, providing solutions to climate change and in general to the negative impacts generated by human beings.

It carries out energy sustainability projects that integrate the use of renewable energies with low carbon emissions and atmospheric pollution, that respond to development plans and local, national and international commitments to compensate for the negative impacts of environmental liabilities.

Promotes the efficient use of energy and renewable energies with low carbon emissions and atmospheric pollution.

Measures and monitors energy use to identify areas for improvement, reduce energy consumption and payments as well as carbon emissions that meet government reduction targets and increase bidding opportunities.

Works in inter, trans and multidisciplinary teams managing resources, goods and services with social responsibility and solidarity.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan. The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

MASTER'S DEGREE IN ENERGY MANAGEMENT

GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS							TICH	TOCH	TC
FOUNDATIONAL	INSTITUTIONAL, PROFESSIONAL, AND COURSE	INSTITUTIONAL	LEADERSHIP AND SERVICE MISSION				Leadership and Service Mission HUM560			48	64	7
		PROFESSIONAL FOUNDATIONS	ENVIRONMENTAL ENGINEERING AND SUSTAINABLE MANAGEMENT	Environmental Law and Administrative Processes AMB550						48	64	7
			RENEWABLE ENERGY	Energy Analysis MGE501	Integrated Environmental and Energy Management MGE502					96	128	14
DISCIPLINARY		PROFESSIONAL	ENERGY SUSTAINABILITY (Minimum 2)	Elective Course in Energy Sustainability OGE001	Elective Course in Energy Sustainability OGE002							
			ENVIRONMENTAL ENGINEERING (Minimum 1)			Elective Course in Environmental Engineering OGE003		Complementary Elective Course in: Energy Sustainability / Environmental Engineering / Enterprise Quality, Direction, and Management OGE006	Complementary Elective Course in: Energy Sustainability / Environmental Engineering / Enterprise Quality, Direction, and Management OGE008	288	352	40
			ENTERPRISE QUALITY, DIRECTION, AND MANAGEMENT (Minimum 1)				Quality Topics, Direction, and Enterprise Management OGE004					
		CAPSTONE	REFRESHER AND INTEGRATION SEMINARS				Capstone Topics: Refresher and Integration Seminars / Thesis and Practical Works OGE005	Capstone Topics: Refresher and Integration Seminars / Thesis and Practical Works OGE007		96	96	12
			THESIS AND PRACTICAL WORKS									
			TOTAL	3	2	2	2	2	1	576	704	80

TC MX	80
TC USA	40

MASTER'S DEGREE IN

ENERGY MANAGEMENT

MODALITY: Online education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/01/2106/2017

ACADEMIC PROGRAM PURPOSE

It trains Masters in Energy Management who develop a culture of continuous improvement of energy performance derived from the energy contained in natural processes, through the application of planning strategies and comprehensive evaluation of energy sustainability projects, in order to promote the implementation of cost and energy saving practices in facilities, processes, equipment and operations, within the daily practice of organizations in an ethical and humanistic way.

ENTRY PROFILE

Knowledge

-Presents logical-mathematical reasoning.

-Analyzes technical texts related to the discipline in a second language.

Skills and/or abilities

-Uses word processors and spreadsheets, as well as information and communication technologies in the search for reliable sources to carry out a research or project.

-Applies a language of engineering or related disciplines in his/her professional performance.

-Works in multidisciplinary teams to achieve the goals of the work.

-Compares and interprets results obtained from analysis.

-Is capable of observing phenomena occurring around him/her and proposes ideas or technological solutions.

-Applies the fundamentals of basic sciences in technology and the solution of different problems.

Attitudes and/or values

- Issues responsible opinions.

-Presents disposition for teamwork.

-Is interested in areas of energy generation aimed at climate change mitigation.

Habits

-Habits of reading and systematic and effective study, participation in academic and professionally directed events.

-Habits of good hygiene and proactive positive attitude towards life.

THE GRADUATION PROFILE FOR THE MASTER IN ENERGY MANAGEMENT

Provides advice on energy management in the transportation, distribution, commercialization and final use of energy to private companies, public institutions and civil society organizations.

Performs comprehensive planning of energy projects integrating economic, regulatory and financial information analysis required in the technical and economic management of the different business areas in the energy sector companies.

Designs energy sustainability strategies incorporating technological innovations, creative deregulation options and competitive advantages of conventional and renewable sources.

Proposes energy management projects to establish short, medium and long term objectives aimed at achieving optimization in the use of energy resources and their techniques, providing solutions to climate change and in general to the negative impacts generated by human beings.

It carries out energy sustainability projects that integrate the use of renewable energies with low carbon emissions and atmospheric pollution, that respond to development plans and local, national and international commitments to compensate for the negative impacts of environmental liabilities.

Promotes the efficient use of energy and renewable energies with low carbon emissions and atmospheric pollution.

Measures and monitors energy use to identify areas for improvement, reduce energy consumption and payments as well as carbon emissions that meet government reduction targets and increase bidding opportunities.

Works in inter, trans and multidisciplinary teams managing resources, goods and services with social responsibility and solidarity.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan. The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

MASTER'S DEGREE IN ENERGY MANAGEMENT

ONLINE EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS							TICH	TOCH	TC
FOUNDATIONAL	INSTITUTIONAL, PROFESSIONAL, AND COURSE	INSTITUTIONAL	LEADERSHIP AND SERVICE MISSION				Leadership and Service Mission HUM560			0	112	7
FOUNDATIONAL	INSTITUTIONAL, PROFESSIONAL, AND COURSE	PROFESSIONAL FOUNDATIONS	ENVIRONMENTAL ENGINEERING AND SUSTAINABLE MANAGEMENT	Environmental Law and Administrative Processes AMB550						0	112	7
FOUNDATIONAL	INSTITUTIONAL, PROFESSIONAL, AND COURSE	PROFESSIONAL FOUNDATIONS	RENEWABLE ENERGY	Energy Analysis MGE501	Integrated Environmental and Energy Management MGE502					0	224	14
DISCIPLINARY	INSTITUTIONAL, PROFESSIONAL, AND COURSE	PROFESSIONAL	ENERGY SUSTAINABILITY (Minimum 2)	Elective Course in Energy Sustainability OGE009	Elective Course in Energy Sustainability OGE010							
DISCIPLINARY	INSTITUTIONAL, PROFESSIONAL, AND COURSE	PROFESSIONAL	ENVIRONMENTAL ENGINEERING (Minimum 1)			Elective Course in Environmental Engineering OGE011		Complementary Elective Course in: Energy Sustainability / Environmental Engineering / Enterprise Quality, Direction, and Management OGE014	Complementary Elective Course in: Energy Sustainability / Environmental Engineering / Enterprise Quality, Direction, and Management OGE016	0	640	40
DISCIPLINARY	INSTITUTIONAL, PROFESSIONAL, AND COURSE	PROFESSIONAL	ENTERPRISE QUALITY, DIRECTION, AND MANAGEMENT (Minimum 1)				Quality Topics, Direction, and Enterprise Management OGE012					
DISCIPLINARY	INSTITUTIONAL, PROFESSIONAL, AND COURSE	CAPSTONE	REFRESHER AND INTEGRATION SEMINARS				Capstone Topics: Refresher and Integration Seminars / Thesis and Practical Works OGE013	Capstone Topics: Refresher and Integration Seminars / Thesis and Practical Works OGE015		0	192	12
DISCIPLINARY	INSTITUTIONAL, PROFESSIONAL, AND COURSE	CAPSTONE	THESIS AND PRACTICAL WORKS									
			TOTAL	3	2	2	2	2	1	0	1280	80

TC MX	80
TC USA	40

DOCTORATE DEGREE IN
BIOTECHNOLOGY

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/2666/2019

ACADEMIC PROGRAM PURPOSE

It trains Doctors in Biotechnology, with an ethical and humanistic approach, who integrate scientific and technological knowledge in the areas of environmental biotechnology, medical and pharmaceutical, agri-food, through the generation of basic and applied science processes, to generate productive projects in areas of consulting, entrepreneurship and research.

ENTRY PROFILE

Knowledge

- Integrates research projects with fundamentals in chemistry, biochemistry, molecular biology and microbiology.

- Interprets the scientific method process for the development of research projects.

- Analyzes the environment for the proposal of research projects that generate viable solutions.

Skills

- Implements microbiology, genetics and biochemistry laboratory techniques for the development of research projects.

- Manages a technical-scientific writing style based on internationally accepted guidelines.

- Performs research projects in the different disciplines of biotechnology, implementing the scientific method.

- Works autonomously and collaboratively.

- Present their ideas in a clear and efficient manner.

Values and attitudes

- Respects the dignity of living beings within a Bioethics framework.

- Respects the work of others.

- Continually updates himself/herself.

- Is committed to completing assigned projects.

Habits

- Systematic and effective study habits for the development of research projects.

- Habits of good laboratory practices.

- Systematic data recording and reporting habits.

THE GRADUATION PROFILE FOR THE DOCTOR IN BIOTECHNOLOGY

Master the process of the scientific method for the development of research projects.

Implements laboratory techniques of microbiology, genetics and biochemistry for the development of research projects.

Manages a technical-scientific writing style based on internationally accepted guidelines.

Analyzes its surroundings for the proposal of research projects that generate viable solutions.

Respects the dignity of living beings in a bioethical framework.

PROGRAM CURRICULAR LINES

The program has a number of 18 courses that can be studied in a flexible curriculum in 12 academic periods.

It is made up of:

General Education (institutional curricular line): General Courses, which consist of 2 optional courses that allow students to value the person, the environment and the common good.

Theoretical Training (basic professional curricular line): which consists of compulsory courses in the areas of Biochemistry, microbiology, molecular biology and experimental design.

Disciplinary Training (professional curricular line and elective curricular line), which consists of 3 elective lines of biotechnology: Agri-food, environmental and medical-pharmaceutical.

Research courses (terminal curricular line): consisting of 12 courses for the development of the student's research project (one course per period).

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

DOCTORATE DEGREE IN BIOTECHNOLOGY
GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS												TICH	TOCH	TC
FOUNDATIONAL	INSTITUTIONAL, PROFESSIONAL, AND COURSE	INSTITUTIONAL	**LEADERSHIP**	Leadership Elective OLB601											48	48	**6**
DISCIPLINARY		PROFESSIONAL	**BIOTECHNOLOGY**		Molecular Biology BTE601	Industrial Microbial Biochemistry BTE602	Design of Experiments and Response Surface in Biotechnology BTE603								144	144	**18**
		ELECTIVE	**FOOD BIOTECHNOLOGY**					Food Biotechnology Elective OAA601	Food Biotechnology Elective OAA602								
			ENVIRONMENTAL BIOTECHNOLOGY					Environmental Biotechnology Elective OAM601	Environmental Biotechnology Elective OAM602						96	96	**12**
			MEDICAL AND PHARMACEUTICAL BIOTECHNOLOGY					Medical-Pharmaceutical Biotechnology Elective OMF6O1	Medical-Pharmaceutical Biotechnology Elective OMF602								
		CAPSTONE	**RESEARCH**	Research Seminar I BTE604	Research Seminar II BTE605	Doctoral Dissertation I BTE606	Doctoral Dissertation II BTE607	Doctoral Dissertation III BTE608	Doctoral Dissertation IV BTE609	Doctoral Dissertation V BTE610	Doctoral Dissertation VI BTE611	Doctoral Dissertation VII BTE612	Doctoral Dissertation VIII BTE613	Doctoral Dissertation IX BTE614	Doctoral Dissertation X BTE615	576	448	**64**
			TOTAL												864	736	100

TC MX 100
TC USA 50

COLLEGE OF
MEDICAL SCIENCES

BACHELOR´S DEGREE

- MEDICINE
- NURSING

MASTER´S DEGREE

- NURSING SCIENCE

SPECIALITY

- MATERNAL AND PERINATAL HEALTH NURSING
- EMERGENCY NURSING
- CRITICAL CARE NURSING
- NEONATAL NURSING
- PEDIATRIC NURSING
- WOUND CARE AND VASCULAR ACCESS NURSING
- URGICAL NURSING
- CLINICAL PATHOLOGY
- GASTROENTEROLOGY
- HEMATOLOGY
- SURGICAL ONCOLOGY
- ANESTHESIOLOGY
- UROLOGY
- CLINICAL LABORATORY SCIENCE
- NEPHROLOGY
- FAMILY MEDICINE

COLLEGE OF MEDICAL SCIENCES

BACHELOR'S DEGREE IN
MEDICINE

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/1645/2016

ACADEMIC PROGRAM PURPOSE

To train medical Bachelors who provide medical care with a spirit of service and community integration, who manage both public and private resources in response to the changing situation of the health system, the needs and expectations of society, through the analysis of the epidemiological context as well as their social commitment, basing their decisions on the available evidence, in order to identify, evaluate and apply timely therapeutic options to preserve health, limit the damage, avoid complications in the health and quality of life of the patient, in a humanistic ethical framework.

ENTRY PROFILE

Knowledge

- Recognizes basic mathematical concepts, including algebra and statistics.

- Distinguishes the basics of physics, chemistry and biology.

- Recognizes the grammatical, orthographic and syntactic rules of the Spanish language.

- Defines the sociological and anthropological bases of medical problems.

Abilities and/or skills

- Applies self-directed learning strategies.

- Express him/herself fluently in oral and written form.

- Works collaboratively in diverse teams.

- Applies critical thinking

- Expresses him/herself in his/her native language: Spanish, with the minimum indispensable semantic property.

- Reads articles in English showing reading comprehension.

- Applies basic computer skills such as: Office, Microsoft Word, Microsoft Excel and Microsoft Power Point.

Attitudes and/or values

- Is convinced in the choice of the career.

- Acts with ethical and moral sense.

- Shows a vocation for service

- Is in good physical and mental health.

- Shows respect for his peers.

- Proactive attitude is observed.

- Exercises ethical principles such as: autonomy, beneficence, non-maleficence and justice.)

- Demonstrates an assertive and empathetic attitude.

Habits

- Is disciplined.

- Acts with responsibility.

- Is perseverant.

- Demonstrates study habits.

- Sets priorities.

THE GRADUATION PROFILE FOR THE BACHELOR IN MEDICINE

To accomplish a comprehensive clinical management that allows preserving or restoring the patient's health considering the biological, psychological and social aspects.

To apply and evaluate preventive and health promotion actions that allow controlling individual and collective health risks.

To promote community participation and the effective use of available resources for self-care in health.

To use theoretical, scientific, epidemiological and clinical knowledge in order to make medical decisions.

To develop models that allow education for health, reduce risks, limit damage and propose viable approaches to health problems.

To act in accordance with the values that identify the medical profession, showing its commitment to patients, their families, and the community in general, in order to respond to health needs.

To respond satisfactorily to the health needs, real and felt, of individuals, families and communities in a timely, effective, accessible and reliable manner.

To know how to use and generate scientific evidence for the construction of new knowledge in health.

To develop teamwork through shared leadership, continuous development of the capacities of its members, monitoring and supporting members who need it.

PROGRAM CURRICULAR LINES

The program has 83 courses integrated into a flexible curriculum in 10 academic periods.

It is composed of:

General Education (institutional includes general courses, integrated into 3 curricular axes: Humanist Training, Digital Tools and English Language

Theoretical Training (professional basic curricular line), It includes courses integrated into 3 curricular axes: morphological training, biochemistry and functional.

Disciplinary Training (professional), courses of curricular axes of Medical Humanities, Propaedeutic Clinic, Diagnosis and Therapeutics, Clinical Area, Surgical Area, Surgical Medical Nosology, Medical Partner and Entrepreneurship.

Terminal Training (terminal curricular line) Integrated by courses for the Integration of knowledge and skills and for Research.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN MEDICINE
GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS										TH	TC
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	INSTITUTIONAL	COMPUTING	Digital Tools and Community COM013									4.5	8
			HUMANIST FORMATION	Person and Truth FHU006	Person and Freedom FHU007	Person, Family, and Society FHU008	Person and Transcendence FHU009					12	24
					Person and Contemporary Culture FHU010	Person and the Mexican Identity FHU011						6	12
			LANGUAGES	Advanced English ING115	Advanced English ING115	Global Perspective ING117						13.5	30
FOUNDATIONAL		PROFESSIONAL FOUNDATIONS	MORPHOLOGY	Human Clinical Morphology I MED109	Human Clinical Morphology II MED110	Anatomic Pathology I MED111	Anatomic Pathology II MED112					25.5	35
				Cytology and Histology BIO016	General Microbiology BIO017	Clinical Microbiology I MED113	Clinical Microbiology II MED114					21	29
			BIOCHEMISTRY	Fundamentals of Biochemistry BIO018	Biochemistry and Molecular Biology BIO019							7.5	12
					Basic Pharmacology BIO020							1.5	3
			PHISIOLOGY		Physiology of Excitable Tissues BIO021	Systemic Physiology MED115	Pathologic Physiology MED116					19.5	25
					Cellular and Molecular Immunology BIO022							4.5	6
SPECIALIZED		PROFESSIONAL	MEDICAL HUMANITIES	History and Philosophy of Medicine MED235			Bioethics MED236					3	6
			CLINICAL PROPEDEUTICS			Clinical Propedeutics I MED237	Clinical Propedeutics II MED238					9	12
			DIAGNOSTICS AND THERAPEUTICS			Clinical Pharmacology I MED239	Clinical Pharmacology II MED240	Imaging MED241				13.5	19
								Clinical Pathology MED242				3	5
			CLINIC					Clinical Neuroanatomy MED243	Clinical Neurology MED244	Endocrinology MED245	Oncology MED246	13.5	17
								Neumology MED247	Mental Health MED248	Clinical Nutrition MED253	Integrated Care for the Elderly MED250	12	17
								Hematology MED251	Cardiology MED252	Integrated Child Health I MED254	Integrated Child Health II MED274	13.5	19
								Clinical Inmunology MED255	Rheumatology MED256		Emergency Medicine MED249	6	10
								Infectology MED258		Nephrology MED259	Dermatology MED257	9	12
						Human Molecular Genetics MED260		Clinical Genetics MED261		Gastroenterology MED262		9	12
			SURGERY							Surgery I MED263	Surgery II MED264	7.5	10
			SURGICAL NOSOLOGY						Ophthalmology MED265	Gynecology MED266	Obstetrics MED275	10.5	13
									Traumatology and Orthopedics MED267			3	5
									Otorhinolaryngology MED268			3	3
			SOCIAL MEDICINE				Public Health and Epidemiology MED269	Community Medicine I MED270	Community Medicine II MED271	Forensic Medicine MED272		16.5	19
									Health Service Planning MED273			3	5
			ENTREPRENEURSHIP				Entrepreneurs EMP016					1.5	2
		CAPSTONE	INTEGRATION				Clinical Practice I MED400	Clinical Practice II MED401	Clinical Practice III MED402	Clinical Practice IV MED403		36	40
											Clinical Internal Medicine MED404 / Clinical Gynecology and Obstetrics MED405	6	30
							Integration of Medical Sciences into Clinical Practice I MED406	Integration of Medical Sciences into Clinical Practice II MED407	Integration of Medical Sciences into Clinical Practice III MED408	Integration of Medical Sciences into Clinical Practice IV MED409	Clinical Surgery MED410 / Emergencies MED411	18	46
											Clinical Pediatrics MED412 / First Level Care MED413	6	30
			RESEARCH						Community Research I MED414	Community Research II MED415		7.5	10
TOTAL				7	9	9	10	11	11	11	9	3	3	325.5	526

TC MX	526
TC USA	263

BACHELOR'S DEGREE IN

NURSING

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/2130/2018

ACADEMIC PROGRAM PURPOSE

It trains Bachelors in Nursing with scientific knowledge, assistance and human sense, based on values and ethical principles, through holistic care, focused on the individual, family and community, with the purpose of preserving and maintaining health in optimal conditions.

ENTRY PROFILE

Knowledge

- Basic knowledge on the use of technologies.

- Basic knowledge of the English language.

- Ability to understand and analyze theoretical processes.

Skills and/or abilities

- Communicates efficiently in oral and written form.

- Works collaboratively.

- Shows organization in personal and school activities.

- Solves problems or situations.

- Shows ability to socialize.

- Uses critical thinking in daily life.

Attitudes and/or values

- Values the importance of leadership.

- Acts with tolerance to stress.

- Respect for the life cycle.

- Social responsibility.

- Attitude of service.

- Assumes a constant desire for self-improvement.

- Solidarity.

- Adopts an attitude of empathy with colleagues.

- Is honest.

- Shows respect for human dignity.

- Shows an optimistic attitude.

Habits

- Self-confident.

- Studious.

- Competitive.

- Emotionally stable.

- Collaborative.

- Disciplined.

- Responsible.

- With good hygienic habits.

- Active.

THE GRADUATION PROFILE FOR THE BACHELOR IN NURSING

To recognize the importance of technology and informatics in nursing and health research.

To analyze the different functions, responsibilities and roles that the nursing professional must perform.

To evaluate the instruments inherent to human care procedures.

To argue the nursing interventions based on the identified nursing diagnoses.

To Interpret the signs and symptoms present in the patient to develop individualized care plans.

To Develop knowledge in the holistic care of the person, family and community considering the various phases of the life cycle in the health-disease processes.

To plan, organize, execute and evaluate activities for the promotion, prevention and recovery of the disease, with quality criteria.

To plan, organize, execute and evaluate activities for the promotion, prevention and recovery of the disease, with quality criteria.

PROGRAM CURRICULAR LINES

The program has a number of 60 courses that can be studied in a flexible curriculum in 8 academic periods.

The Nursing Degree is made up of:

General Education (institutional curricular line): General Courses, which consist of the completion of five curricular lines such as: Bioethics, Computing Skills, Humanist Training, Entrepreneurship and Languages

Theoretical Training (basic professional curricular line), which consists of fulfilling courses corresponding to: Psychology, Biology, Basic Assistance and preventive care.

Disciplinary Training (professional curricular line and elective curricular line), which consists of Courses that correspond to the area of Disciplinary Medicine, Teaching, Ethics in Nursing, Care, Administration, Nursing Clinics and Nursing Research

Disciplinary Training (elective curricular line) consists of courses from the following Entrepreneurship, Disciplinary Area, Academic systems of Social relevance and General Education.

Research courses (terminal curricular line), consists in courses intended to apply investigative methodology courses to the nursing science

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN NURSING
GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS	Courses						TICH	TOCH	TC
FOUNDATIONAL		INSTITUTIONAL	COMPUTING	Digital Tools and Community COM013						72	56	8
			HUMANIST FORMATION	Person and Truth FHU006	Person and Freedom FHU007	Person, Family, and Society FHU008	Person and Contemporary Culture FHU010	Person and the Mexican Identity FHU011	Person and Transcendence FHU009	288	288	36
			ENTREPRENEURSHIP				Entrepreneurship EMP026			72	40	7
			LANGUAGES	Intermediate English ING313	English for Nursing ING314					144	176	20
		PROFESSIONAL FOUNDATIONS	PSYCHOLOGY		Psychology of Health and Social Relationships PSI024					48	16	4
			BIOLOGY	Fundamentals of Biology and Biochemistry BIO023	Microbiology and Immunology BIO024					192	80	17
			BASIC CARE	The Evolution of Nursing LEN105	Fundamentals of Nursing LEN106	Basic Nursing LEN107				192	128	20
				Nursing Care Plans LEN108						72	8	5
			PREVENTIVE		Public Health Nursing Care LEN109	Community Nursing Care LEN110				144	16	10
	INSTITUTIONAL, PROFESSIONAL, AND COURSE	PROFESSIONAL	DISCIPLINARY MEDICINE	Anatomy I MED034	Anatomy II MED035	Clinical Pharmacology BIO028	Nutrition NUT004			312	200	32
					Physiology I BIO025	Physiology II BIO026	Physiopathology BIO027			240	144	24
			TEACHING			Teaching and Educational Skills in Nursing PIE001				48	32	5
			NURSING ETHICS				Bioethics and Deontology in Nursing LEN243			72	24	6
			CARE				Medical-Surgical Nursing LEN244	Sexual and Reproductive Health Care LEN245	Child and Adolescent Care LEN246 / Young and Old Adults Care LEN247	384	256	40
							Care of Critically Ill Patients LEN248			96	64	10
							Surgical Nursing LEN249	Respiratory Therapy Care LEN250	Psychiatric Care LEN251	264	184	28

BACHELOR'S DEGREE IN
NURSING

> MODALITY: Semi-grounded education
>
> CAMPUS: PUEBLA
>
> RVOE: SEP-SES/21/114/04/1912/2017

ACADEMIC PROGRAM PURPOSE

It trains Bachelors in Nursing with ethical and humanistic sense, who intervene in the health care of healthy and sick people in their different stages of life, applying technological tools in general and specific practices of health care, supported by care management, teaching and research, to generate an essence of protection, promotion and optimization of health to ensure the quality of life of people and achieve their integration into the family and social context.

ENTRY PROFILE

Knowledge

- Differentiates the basic stages of the nursing research process.

- Identifies the organization and functioning of the nursing service.

- Classifies the bases of learning development with a community approach.

- Analyzes the basic principles of nursing.

- Defines the anatomy and physiology of the human body.

Skills

- Employs observation and analysis.

- Executes nursing activities.

- Uses safety actions of the nursing service.

- Applies self-care criteria

- Manages information related to the patient's health status.

- Executes basic computer technological tools.

- Quick decision making

Attitudes

- Acts with vocation of service and humanism.

- Cares for the physical and moral integrity of the patient.

- Respects the patient's individuality.

Values

- Habit of observation and reflection.

- Habit of study.

- Works in a methodical and hierarchical way.

- Habit of effective communication.

THE GRADUATION PROFILE FOR THE BACHELOR IN NURSING

Applies first level of care programs to promote and prevent individual and community health.

Performs basic actions in a second and third level of care.

Uses in an interdisciplinary way the actions of diagnosis, treatment and rehabilitation of physical, mental and social health.

Uses the educational process in formal, informal and non-formal education from the health area.

Intervenes in the direction and management of human resources training in nursing.

Develops administrative instruments for a better organization of nursing services.

Develops research methodology in clinical, educational and community settings.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN NURSING
SEMI-GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS													TH	TC
INSTRUMENTAL FOUNDATION	**FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL**	INSTITUTIONAL	HUMANIST FORMATION	Person and Truth FHU006	Person, Family, and Society FHU008	Person and Transcendence FHU009										6	18
		PROFESSIONAL FOUNDATIONS	INFORMATION AND COMMUNICATION TECHNOLOGY	Digital Tools COM003	Basic English for Nursing I ING100	Basic English for Nursing II ING101	Basic English for Nursing III ING102									8	24
			FOUNDATIONS OF NURSING	Fundamentals of Nursing ENF103	Nursing Theories and Models ENF102											4	24
			BASIC MEDICAL SCIENCES				Human Anatomy ENF101	General Morphology ENF100								4	24
SPECIALIZED		PROFESSIONAL	METHODOLOGICAL BASIS OF NURSING			The Nursing Process ENF104	Bioethics and Legislation in Nursing ENF105									4	17
			MANAGEMENT AND HEALTH BASIC CARE					Educational Process in Nursing ENF200	Family and Community Nursing ENF202	Nursing Care for the Elderly ENF204	Nursing Systems Management I ENF201	Nursing Systems Management II ENF206				10	60
			MEDICAL SCIENCES						General Phisiology ENF205	Pharmacology ENF207	Clinical Pharmacology ENF208	Surgical Pathology ENF210	Clinical Nutrition ENF211			10	45
			NURSING SPECIALTIES					Maternal and Perinatal Nursing ENF212	Child and Adolescent Nursing ENF213	Critical Care Nursing ENF218	Emergency Nursing ENF217	Surgical Nursing ENF216	Mental Health Care Nursing ENF203			12	72
		CAPSTONE	RESEARCH										Epidemiology ENF303	Statistics in Nursing ENF300	4	12
													Nursing Research Seminar I ENF301	Nursing Research Seminar II ENF302	4	12
			TOTAL	3	3	3	3	3	3	3	3	3	2	2	2	70	30

TC MX	30
TC USA	15

SPECIALTY IN

MATERNAL AND PERINATAL
HEALTH NURSING

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/01/1288/2015

ACADEMIC PROGRAM PURPOSE

It trains specialists with a humanistic sense and quality service in the care of women of reproductive age, childbirth, puerperium and newborns, through the design of comprehensive models of specialized care in perinatal health, to prevent irreversible damage, establish immediate diagnoses based on the human response and make decisions with a sense of responsibility.

ENTRY PROFILE

Knowledge

- Distinguishes the organization and functioning of a nursing service.

- Differentiates the basic stages of the nursing research process.

- Describes the anatomy and physiology of the human body.

- Recognizes the lines of communication and authority.

- Identifies the roles and responsibilities of the nursing professional.

- Explains the basic principles of nursing interventions.

- Identifies reproductive health problems.

- Describes the importance of the mother-child binomial.

- Explains the basic concepts of Pharmacology.

Abilities and/or skills

- Manages basic computer packages Word, Exel and Power Point.

- Demonstrates ability to make quick decisions.

- Applies the principles of patient safety.

- Uses basic tools to apply humane care procedures.

- Utilizes safety actions in the nursing service.

- Applies the criteria of self-care and healthy lifestyles in relation to their environment.

- Elaborates diagnoses in the nursing service.

- Plans practical guides in the nursing service.

Attitudes and Values

- Shows interest to work in a team.

- Shows attitude and vocation of service.

- Respects the physical integrity of the patient.

- Is concerned about attending to the physiological functions of the patient.

Habits

- Reading and consultation.

- Study habits.

- Habit of observation and reflection

- Habit of service to the patient

- Work in a methodical and hierarchical way.

- Efficiency and effectiveness at work.

- Habit of effective communication.

THE GRADUATION PROFILE FOR THE NURSE SPECIALIST IN MATERNAL AND PERINATAL HEALTH

To incorporate the codes of ethics and legal norms, in favor of physical and mental integrity

To incorporate the codes of ethics and legal norms, in favor of physical, mental and social integrity during the care provided in the different stages of pregnancy, childbirth, puerperium, as well as the newborn.

To apply management and health promotion processes based on decision-making, to prevent risk factors in maternal and perinatal health and integrate into the family nucleus.

To develop nursing interventions, applying clinical processes and highly specialized equipment, useful in the care of maternal and perinatal health, for its development within family and society.

To design research projects in Nursing to generate knowledge that promote maternal and perinatal health.

PROGRAM CURRICULAR LINES

The academic program is made up of 16 courses that can be studied in a flexible curriculum in 4 academic periods.

It is made up of:

General Education (institutional curricular line): General Courses, which consist of the completion of five curricular lines such as: Bioethics, Computing Skills, Humanist Training, Entrepreneurship and Languages.

Theoretical Training (basic professional curricular line), which consists of fulfilling courses corresponding to: Psychology, Biology, Basic Assistance, Preventive.

Disciplinary Training (professional curricular line and elective curricular line), which consists of Courses that correspond to the area of Disciplinary Medicine, Teaching, Ethics in Nursing, Care, Administration, Nursing Clinics and Nursing Research

Disciplinary Training (elective curricular line) consists of courses from the following Entrepreneurship, Disciplinary Area, Academic systems of Social relevance and General Education.

Research courses (terminal curricular line), which consists in the research of Nursing Topics focused in the maternal and perinatal health.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

SPECIALTY IN MATERNAL AND PERINATAL HEALTH NURSING
GROUNDED EDUCATION

FLEXIBLE CURRICULUM MODEL DISTRIBUTION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS				TH	TC
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	INSTITUTIONAL	HUMAN FORMATION AND THE LEGAL FRAMEWORK	Nursing Legislation ENF502			2	4
				Bioethics BIO501	Thanatology ENF503		5	11
			EDUCATION AND HEALTH MANAGEMENT		Management and Quality in Nursing ENF504	Health Promotion ENF505	5	10
FOUNDATIONAL		PROFESSIONAL	NURSING INTERVENTIONS IN MATERNAL AND PERINATAL HEALTH	Fundamentals of Maternal and Perinatal Health Nursing ENF538	Maternal and Perinatal Health Nursing I ENF539	Maternal and Perinatal Health Nursing II ENF540	13	26
					Pharmacological Therapy in Maternal and Perinatal Health ENF 541	Clinical Procedures in Maternal and Perinatal Health ENF542		
SPECIALIZED		CAPSTONE	RESEARCH	Nursing Research Seminar I ENF543	Nursing Research Seminar II ENF544	Thesis Seminar ENF545	9	18
			TOTAL:	4	5	4	34	69

TC MX	69
TC USA	35

SPECIALTY IN

EMERGENCY NURSING

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/01/1287/2015

ACADEMIC PROGRAM PURPOSE

It trains specialists with a humanistic sense and quality service, who intervene in the solution of problems in medical and surgical emergencies, basic and advanced life support, by integrating the elements that make up the nursing practice guidelines, procedures and interventions of high specialty, to stabilize the patient, avoiding adverse events, and generate better life expectancy.

ENTRY PROFILE

Knowledge

- Distinguishes the organization and functioning of a nursing service.

- Differentiates the basic stages of the nursing research process.

- Describes the anatomy and physiology of the human body.

- Recognizes the lines of communication and authority.

- Identifies the roles and responsibilities of the nursing professional.

- Explains the basic principles of nursing interventions.

- Identifies the epidemiological profile in health.

- Explains the basic concepts of pharmacology.

- Describes the pathophysiology of the organism.

Abilities and/or skills

- Manages basic computer packages Word, Exel and Power Point.

- Demonstrates ability to make quick decisions.

- Applies the principles of patient safety.

- Uses basic tools to apply human care procedures.

- Utilizes safety actions in the nursing service.

- Applies the criteria of self-care and healthy lifestyles in relation to their environment.

- Elaborates diagnoses in the nursing service.

- Plans practical guides in the nursing service.

Attitudes and Values

- Shows interest to work in a team.

- Is interested in establishing interpersonal relationships.

- Shows attitude and vocation of service.

- Respects the physical integrity of the patient.

- Is concerned about attending to the patient's physiological functions.

Habits

- Reading and consultation.

- Study habits.

- Habit of observation and reflection

- Habit of service to the patient

- Work in a methodical and hierarchical way.

- Efficiency and effectiveness at work.

- Habit of effective communication.

THE GRADUATION PROFILE FOR THE NURSE SPECIALIST IN EMERGENCY NURSING

To incorporate the codes of ethics and legal norms, in favor of physical and mental integrity

To apply the codes of ethics and legal norms, in favor of the physical and mental integrity during emergency care.

To Incorporate the methodology of the nursing process emergency guaranteeing the patient safety.

To apply therapeutic resources and technological equipment to support the care of patients in emergency situations.

To design research projects in Nursing to generate knowledge that strengthen care in emergency health situations.

PROGRAM CURRICULAR LINES

The academic program is made up of 16 courses that can be studied in a flexible curriculum in 4 academic periods.

It is made up of:

General Education (institutional curricular line): General Courses, which consist of the completion of five curricular lines such as: Bioethics, Computing Skills, Humanist Training, Entrepreneurship and Languages.

Theoretical Training (basic professional curricular line), which consists of fulfilling courses corresponding to: Psychology, Biology, Basic Assistance, Preventive.

Disciplinary Training (professional curricular line and elective curricular line), which consists of Courses that correspond to the area of Disciplinary Medicine, Teaching, Ethics in Nursing, Care, Administration, Nursing Clinics and Nursing Research

Disciplinary Training (elective curricular line) consists of courses from the following Entrepreneurship, Disciplinary Area, Academic systems of Social relevance and General Education.

Research courses (terminal curricular line), which consists in the research of Nursing Topics focused in the emergency care service.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

BACHELOR'S DEGREE IN NURSING
SEMI-GROUNDED EDUCATION TEHUACÁN

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS												TH	TC
INSTRUMENTAL FOUNDATION / SPECIALIZED	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	INSTITUTIONAL	HUMANIST FORMATION	Person and Truth FHU006	Person, Family, and Society FHU008	Person and Transcendence FHU009									6	18
		PROFESSIONAL FOUNDATIONS	INFORMATION AND COMMUNICATION TECHNOLOGY	Digital Tools COM003	Basic English for Nursing I ING100	Basic English for Nursing II ING101	Basic English for Nursing III ING102								8	24
			FOUNDATIONS OF NURSING	Fundamentals of Nursing ENF103	Nursing Theories and Models ENF102										4	24
			BASIC MEDICAL SCIENCES			Human Anatomy ENF101	General Morphology ENF100								4	24
		PROFESSIONAL	METHODOLOGICAL BASIS OF NURSING			The Nursing Process ENF104	Bioethics and Legislation in Nursing ENF105								4	17
			MANAGEMENT AND HEALTH BASIC CARE					Educational Process in Nursing ENF200	Family and Community Nursing ENF202	Nursing Care for the Elderly ENF204	Nursing Systems Management I ENF201	Nursing Systems Management II ENF206		10	60
			MEDICAL SCIENCES						General Phisiology ENF205	Pharmacology ENF207	Clinical Pharmacology ENF208	Surgical Pathology ENF210	Clinical Nutrition ENF211	10	45
			NURSING SPECIALTIES					Maternal and Perinatal Nursing ENF212	Child and Adolescent Nursing ENF213	Critical Care Nursing ENF218	Emergency Nursing ENF217	Surgical Nursing ENF216	Mental Health Care Nursing ENF203	12	72
		CAPSTONE	RESEARCH										Epidemiology ENF303	Statistics in Nursing ENF300	4	12
													Nursing Research Seminar I ENF301	Nursing Research Seminar II ENF302	4	12
TOTAL				3	3	3	3	3	3	3	3	3	2	2	70	308

TC MX	308
TC USA	154

SPECIALTY IN

CRITICAL CARE NURSING

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/01/1289/2015

ACADEMIC PROGRAM PURPOSE

It trains specialists with a humanistic sense and quality service, in the care of the critically ill patient, implementing specific invasive models and procedures, supported by high technology equipment, to stabilize the patient's health problem, thus preventing sequelae, generating greater expectations and quality of life.

ENTRY PROFILE

Knowledge

- Distinguishes the organization and functioning of a nursing service.

- Differentiates the basic stages of the nursing research process.

- Describes the anatomy and physiology of the human body.

- Recognizes the lines of communication and authority.

- Identifies the roles and responsibilities of the nursing professional.

- Explains the basic principles of nursing interventions.

- Identifies the epidemiological profile in health.

- Explains the basic concepts of pharmacology.

- Describes the pathophysiology of the organism.

Abilities and/or skills

- Manages basic computer packages Word, Exel and Power Point.

- Demonstrates ability to make quick decisions.

- Applies the principles of patient safety.

- Uses basic tools to apply human care procedures.

- Utilizes safety actions in the nursing service.

- Applies the criteria of self-care and healthy lifestyles in relation to their environment.

- Elaborates diagnoses in the nursing service.

- Plans practical guides in the nursing service.

Attitudes and Values

- Shows interest to work in a team.

- Is interested in establishing interpersonal relationships.

- Shows attitude and vocation of service.

- Respects the physical integrity of the patient.

- Is concerned about attending to the patient's physiological functions.

Habits

- Reading and consultation.

- Study habits.

- Habit of observation and reflection

- Habit of service to the patient

- Work in a methodical and hierarchical way.

- Efficiency and effectiveness at work.

- Habit of effective communication.

THE GRADUATION PROFILE FOR THE NURSE SPECIALIST IN CRITICAL CARE

To incorporate the codes of ethics and legal norms, in favor of the physical, mental and social integrity of the patient in critical condition.

To perform therapeutic care techniques and procedures to reduce events that generate a lower rate of hospitalization in the critical care service, without considering cultural differences.

To apply nursing interventions based on decision-making that contributes to the treatment and rehabilitation of patients who are in the critical care unit, to integrate them into their family and social context without sequelae.

To design research projects in Nursing Science to generate knowledge regarding education, health and decrease in admission to the critical care service.

PROGRAM CURRICULAR LINES

The Critical Care program is made up of 16 courses that can be studied in a flexible curriculum in 4 academic periods.

It is made up of:

General Education (institutional curricular line): General Courses, which consist of the completion of five curricular lines such as: Bioethics, Computing Skills, Humanist Training, Entrepreneurship and Languages.

Theoretical Training (basic professional curricular line), which consists of fulfilling courses corresponding to: Psychology, Biology, Basic Assistance, Preventive.

Disciplinary Training (professional curricular line and elective curricular line), which consists of Courses that correspond to the area of Disciplinary Medicine, Teaching, Ethics in Nursing, Care, Administration, Nursing Clinics and Nursing Research

Disciplinary Training (elective curricular line) consists of courses from the following Entrepreneurship, Disciplinary Area, Academic systems of Social relevance and General Education.

Research courses (terminal curricular line), which consists in the research of Nursing Topics focused in the critical care service.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

SPECIALTY IN CRITICAL CARE NURSING
GROUNDED EDUCATION

TYPE	FLEXIBLE CURRICULUM MODEL DISTRIBUTION						TH	TC
	COMPETENCIES	CORE	CURRICULUM AREAS					
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	INSTITUTIONAL	HUMAN FORMATION AND THE LEGAL FRAMEWORK	Nursing Legislation ENF502			2	4
				Bioethics BIO501	Thanatology ENF503		5	11
			EDUCATION AND HEALTH MANAGEMENT		Management and Quality in Nursing ENF504	Health Promotion ENF505	5	10
FOUNDATIONAL		PROFESSIONAL	NURSING INTERVENTIONS IN CRITICAL CARE	Fundamentals of Critical Care Nursing ENF522	Critical Care Nursing I ENF523	Critical Care Nursing II ENF524	13	26
					Pharmacological Therapy in Critical Care ENF525	Clinical Procedures in Critical Care ENF526		
SPECIALIZED		CAPSTONE	RESEARCH	Nursing Research Seminar I ENF527	Nursing Research Seminar II ENF528	Thesis Seminar ENF529	9	18
			TOTAL:	4	5	4	34	69

TC MX	69
TC USA	35

SPECIALTY IN

NEONATAL NURSING

> MODALITY: Grounded education
>
> CAMPUS: PUEBLA
>
> RVOE: SEP-SES/21/114/04/1381/ 2015

ACADEMIC PROGRAM PURPOSE

To train specialists with a humanistic sense and quality service, who intervene in the care of the newborn in the neonatal stage, through the development of comprehensive care strategies based on the human response, to stabilize the pathophysiological state, avoid as far as possible adverse events, and promote the growth and development of the newborn.

ENTRY PROFILE

Knowledge

- Distinguishes the organization and functioning of a nursing service.

- Differentiates the basic stages of the nursing research process.

- Describes the anatomy and physiology of the human body.

- Recognizes the lines of communication and authority.

- Identifies the roles and responsibilities of the nursing professional.

- Explains the basic principles of nursing interventions.

- Identifies the epidemiological profile in health.

- Explains the basic concepts of pharmacology.

- Describes the pathophysiology of the organism.

Abilities and/or skills

- Manages basic computer packages Word, Exel and Power Point.

- Demonstrates ability to make quick decisions.

- Applies the principles of patient safety.

- Uses basic tools to apply human care procedures.

- Utilizes safety actions in the nursing service.

- Applies the criteria of self-care and healthy lifestyles in relation to their environment.

- Elaborates diagnoses in the nursing service.

- Plans practical guidelines in the nursing service.

- Efficiency and effectiveness at work.

Attitudes and Values

- Shows interest to work in a team.

- Is interested in establishing interpersonal rela-tionships.

- Shows attitude and vocation of service.

- Respects the physical integrity of the patient.

- Is concerned about attending to the patient's physiological functions.

Habits

- Reading and consultation.

- Study habits.

- Habit of observation and reflection

- Habit of service to the patient

- Work in a methodical and hierarchical way.

- Habit of effective communication.

THE GRADUATION PROFILE FOR THE NURSE SPECIALIST IN NEONATAL

To apply the codes of ethics and legal norms, in favor of the physical, mental and social integrity of the Newborn.

To accomplish promotional and educational activities regarding reproductive health.

To execute nursing interventions to meet the needs of the newborn, under the criteria of service quality.

To apply the scientific method in nursing practice demanded by the newborn, the family and the community in a structured, homogeneous, logical and systematic way.

PROGRAM CURRICULAR LINES

The Neonatology Specialty program is made up of 16 courses that can be studied in a flexible curriculum in 4 academic periods.

It is made up of:

General Education (institutional): General Courses, which consist of the fulfillment of five curricular lines such as: Bioethics, Computing Skills, Humanist Training, Entrepreneurship and Languages

Theoretical Training (basic professional core), which consists of fulfilling courses that correspond to: Psychology, Biology, Basic, Preventive Assistance.

Disciplinary Training (professional curricular line and elective curricular line), which consists of Courses that correspond to the area of Medical Care, Teaching, Ethics in Nursing, Care, Administration, Nursing Clinics and Nursing Research

Disciplinary Training (elective curricular line) consists of courses from the following Entrepreneurship, Disciplinary Area, Academic systems of Social relevance and General Education.

Research courses (terminal curricular line), which consists of the application of courses of applied research to the area of Nursing.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

**SPECIALTY IN NEONATAL NURSING
GROUNDED EDUCATION**

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS				TH	TC
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	INSTITUTIONAL	HUMAN FORMATION AND THE LEGAL FRAMEWORK	Nursing Legislation ENF502			2	4
				Bioethics BIO501	Thanatology ENF503		5	11
			EDUCATION AND HEALTH MANAGEMENT		Management and Quality in Nursing ENF504	Health Promotion ENF505	5	10
FOUNDATIONAL		PROFESSIONAL	NURSING INTERVENTIONS IN NEONATOLOGY	Fundamentals of Neonatal Nursing ENF546	Neonatal Nursing I ENF547	Neonatal Nursing II ENF548	13	26
					Pharmacological Therapy in Neonatology ENF549	Neonatal Clinical Procedures ENF550		
SPECIALIZED		CAPSTONE	RESEARCH	Nursing Research Seminar I ENF551	Nursing Research Seminar II ENF552	Thesis Seminar ENF553	9	18
			TOTAL:	4	5	4	34	69

SPECIALTY IN

PEDIATRIC NURSING

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/1383/2015

ACADEMIC PROGRAM PURPOSE

It trains specialists with a humanistic sense and quality service, who intervene in the care of pediatric patients, through the design of comprehensive care strategies based on the human response, to promote the growth and development of the child, avoiding sequelae.

ENTRY PROFILE

Knowledge

- Distinguishes the organization and functioning of a nursing service.

- Differentiates the basic stages of the nursing research process.

- Describes the anatomy and physiology of the human body.

- Recognizes the lines of communication and authority.

- Identifies the roles and responsibilities of the nursing professional.

- Explains the basic principles of nursing interventions.

- Identifies the problems of the health-disease process.

- Explains the basic concepts of pharmacology.

- Identifies the concepts of embryology.

Abilities and/or Skills

- Manages basic computer packages Word, Exel and Power Point.

- Demonstrates ability to make quick decisions.

- Applies the principles of patient safety.

- Uses basic tools to apply humane care procedures.

- Utilizes safety actions in the nursing service.

- Applies the criteria of self-care and healthy lifestyles in relation to their environment.

- Plans practical guides in the nursing service.

- Elaborates diagnoses in the nursing service.

Attitudes and Values

- Shows interest to work in a team.

- Is interested in establishing interpersonal relationships.

- Shows attitude and vocation of service.

- Respects the physical integrity of the patient.

- Is concerned about attending to the patient's physiological functions.

Habits

- Reading and consultation.

- Study habits.

- Habit of observation and reflection.

- Habit of service to the patient.

- Work in a methodical and hierarchical way.

- Efficiency and effectiveness at work.

THE GRADUATION PROFILE FOR THE NURSE SPECIALIST IN PEDIATRIC:

To apply the codes of ethics and legal norms, in favor of the physical, mental and social integrity of the pediatric patient.

To accomplish health education and promotion activities, focused on caring for the child at home.

To plan nursing interventions with quality criteria of the pediatric nursing service, to meet the needs of the patient.

To design research projects related to pediatric patient care.

PROGRAM CURRICULAR LINES

The academic program is made up of 16 courses that can be studied in a flexible curriculum in 4 academic periods.

It is made up of:

General Education (institutional): General Courses, which consist of the fulfillment of five curricular lines such as: Bioethics, Computing Skills, Humanist Training, Entrepreneurship and Languages

Theoretical Training (basic professional core), which consists of fulfilling courses corresponding to: Psychology, Biology, Basic Assistance, Preventive.

Disciplinary Training (professional curricular line and elective curricular line), which consists of Courses that correspond to the area of Medical Care, Teaching, Ethics in Nursing, Care, Administration, Nursing Clinics and Nursing Research

Disciplinary Training (elective curricular line) consists of courses from the following Entrepreneurship, Disciplinary Area, Academic systems of Social relevance and General Education.

Research courses (terminal curricular line), which consists in the research of Nursing Topics focused in pediatric nursing specialty.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

SPECIALTY IN PEDIATRIC NURSING
GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS				TH	TC
I N S T R U M E N T A L	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	INSTITUTIONAL	**HUMAN FORMATION AND THE LEGAL FRAMEWORK**	Nursing Legislation ENF502			2	4
				Bioethics BIO501	Thanatology ENF503		5	11
			HEALTH MANAGEMENT AND EDUCATION		Management and Quality in Nursing ENF504	Health Promotion ENF505	5	10
F O U N D A T I O N A L		PROFESSIONAL	**PEDIATRIC NURSING INTERVENTIONS**	Fundamentals of Pediatric Nursing ENF530	Pediatric Nursing I ENF531	Pediatric Nursing II ENF532	13	26
					Pharmacological Therapy in Pediatrics ENF533	Clinical Procedures in Pediatrics ENF534		
S P E C I A L I Z E D		CAPSTONE	**RESEARCH**	Nursing Research Seminar I ENF535	Nursing Research Seminar II ENF536	Thesis Seminar ENF537	9	18
			TOTAL: 4		5	4	34	69

TC MX	69
TC USA	35

SPECIALTY IN

WOUND CARE AND VASCULAR ACCESS NURSING

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/01/1800/2017

ACADEMIC PROGRAM PURPOSE

It trains Nursing Specialists with ethical, humanistic and quality service, who intervene in the care of wounds, stomas and vascular accesses caused by pathophysiological processes, implementing highly specialized methodological procedures on prevention, care and emotional support to patients, to provide comprehensive services in health promotion, care management, as well as helping to improve life expectancy.

ENTRY PROFILE

Knowledge

- Distinguishes the organization and functioning of a service in Nursing.

- Differentiates the basic stages of the research process in nursing.

- Describes the anatomy and physiology of the human body.

- Explains the basic principles of nursing interventions.

- Identifies the epidemiological profile in health.

- Explains the basic concepts of Pharmacology.

- Describes the physiopathology of the organism.

Abilities and/or Skills

- Plans care related to the assessment of signs, symptoms and needs of the patient.

- Applies nursing care models.

- Demonstrates ability to make quick decisions.

- Performs nursing interventions based on the patient's life cycle.

- Uses safety actions in the nursing service.

- Applies the criteria of self-care and healthy lifestyles in relation to their environment.

- Evaluates the patient's health status and needs.

- Plans practical guidelines in the nursing service.

Attitudes and Values

- Acts with willingness to work collaboratively with the health team.

- Values the human rights of the patient.

- Acts with vocation of service.

- Respects the physical integrity of the patient.

- Is concerned about attending to the patient's physiological functions.

Habits

- Habit of reading and consultation.

- Habit of observation and reflection.

- Habit of service to the patient.

- Habit of organization and hierarchy of work.

- Efficiency and effectiveness at work.

- Habit of effective communication.

THE GRADUATION PROFILE FOR THE NURSE SPECIALIST IN WOUND CARE AND VASCULAR ACCESS

To apply the codes of ethics and legal norms, in favor of the physical, mental and social integrity of the patient.

To accomplish health promotion activities aimed to reduce events that generate hospital admissions.

To plan nursing interventions to meet the needs of the patient, based on human response with criteria of quality of nursing service.

To take care of the healing process, through advanced equipment and high technology reducing costs in time.

To attend to dermal lesions of vascular etiology in favor of the stay and prompt discharge from the hospital.

To administer drugs based on patient safety actions to avoid adverse events.

To design research projects related to patient care with stomatal wounds and vascular access.

PROGRAM CURRICULAR LINES

The academic program is made up of 20 courses that can be studied in a flexible curriculum in 4 academic periods.

It is made up of:

General Education (institutional curricular line): General Courses, which consist of the completion of five curricular lines such as: Bioethics, Computing Skills, Humanist Training, Entrepreneurship and Languages.

Theoretical Training (basic professional curricular line), which consists of fulfilling courses corresponding to: Psychology, Biology, Basic Assistance, Preventive.

Disciplinary Training (professional curricular line and elective curricular line), which consists of Courses that correspond to the area of Disciplinary Medicine, Teaching, Ethics in Nursing, Care, Administration, Nursing Clinics and Nursing Research

Disciplinary Training (elective curricular line) consists of courses from the following Entrepreneurship, Disciplinary Area, Academic systems of Social relevance and General Education.

Research courses (terminal curricular line), which consists in the research of Nursing Topics focused in the Injuries and vascular accesses specialty.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

SPECIALTY IN WOUND CARE AND VASCULAR ACCESS NURSING
GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS	1	2	3	TH	TC
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	INSTITUTIONAL	HUMAN FORMATION AND THE LEGAL FRAMEWORK	Nursing Legislation ENF502			2	4
				Bioethics BIO501	Thanatology ENF 503		5	11
			HEALTH MANAGEMENT AND EDUCATION		Management and Quality in Nursing ENF504	Health Promotion ENF505	5	10
FOUNDATIONAL		PROFESSIONAL	NURSING INTERVENTION IN WOUNDS, STOMATA, AND VASCULAR ACCESS	Comprehensive Wound Care Nursing Management ENF595	Comprehensive Stoma Nursing Management ENF596	Wound Care and Stoma Nursing Clinic ENF597	13	26
					Comprehensive Nursing Management in Intravenous Therapy ENF598	Vascular Access Nursing Clinic ENF599		
SPECIALIZED		CAPSTONE	NURSING RESEARCH	Nursing Research Seminar I ENF582	Nursing Research Seminar II ENF583	Thesis seminar ENF584	9	18
			TOTAL:	4	5	4	34	69

TC MX	69
TC USA	35

SPECIALTY IN

SURGICAL NURSING

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/1801/2017

ACADEMIC PROGRAM PURPOSE

It trains Surgical Nursing Specialists, with ethical and humanistic sense, who intervene in the planning, execution and evaluation of specialized patient care, using the methodology of prevention, identification and solution of problems in the surgical area under the interpretation and application of the regulations, to contribute to improve the quality of life of people and achieve their integration to the family and social context.

ENTRY PROFILE

Knowledge

- Recognizes the phases of the life cycle in health and disease processes.

- Differentiates the basic stages of the research process in nursing.

- Identifies the organization and operation of the surgical service.

- Recognizes the anatomy and physiology of the human body.

- Identifies the sterilization chain process.

- Recognizes the aseptic techniques of the surgical area.

- Distinguishes the stages of the nursing care process.

- Explains the basic concepts of Pharmacology.

Abilities and/or skills

- Demonstrates ability for quick decision making.

- Applies the principles of patient safety.

- Uses the basic instruments to apply the procedures of human care.

- Uses the safety actions in the nursing service.

- Applies the criteria of self-care and healthy lifestyles in relation to their environment.

Uses information and communication technology.

Attitudes and Values

- Shows interest to work in a team.

- Values personal health care, as well as that of patients.

- Collaborates in the development of health care programs.

- Respects the physical integrity of the patient.

- Is concerned about attending to the patient's physiological functions.

Habits

- Habit of order.

- Habit of discipline.

- Habit of observation and reflection.

- Habit of service to the patient.

- Work in a methodical and hierarchical way.

- Habit of effective communication.

THE GRADUATION PROFILE FOR THE NURSE SPECIALIST IN SURGICAL

To apply the codes of ethics and legal norms, in favor of the physical, mental and social integrity of the patient in the pre, trans and postoperative period.

To accomplish health education and promotion activities.

To design administrative resources to improve the planning, development and evaluation of activities related to nursing interventions.

To use the surgical equipment and material according to the complexity of care during the pre-trans and postoperative period of the surgical patient.

To administer drugs and other anesthesia therapies based on patient safety actions to avoid adverse events.

To design research projects related to the care of patients who require surgery.

PROGRAM CURRICULAR LINES

The academic program is made up of 16 courses that can be studied in a flexible curriculum in 4 academic periods.

It is made up of:

General Education (institutional curricular line): General Courses, which consist of the completion of five curricular lines such as: Bioethics, Computing Skills, Humanist Training, Entrepreneurship and Languages.

Theoretical Training (basic professional curricular line), which consists of fulfilling courses corresponding to: Psychology, Biology, Basic Assistance, Preventive.

Disciplinary Training (professional curricular line and elective curricular line), which consists of Courses that correspond to the area of Disciplinary Medicine, Teaching, Ethics in Nursing, Care, Administration, Nursing Clinics and Nursing Research

Disciplinary Training (elective curricular line) consists of courses from the following Entrepreneurship, Disciplinary Area, Academic systems of Social relevance and General Education.

Research courses (terminal curricular line), which consists in the research of Nursing Topics focused in the surgical nursing specialty.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

SPECIALTY IN SURGICAL NURSING
GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS				TH	TC
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	INSTITUTIONAL	HUMAN FORMATION AND THE LEGAL FRAMEWORK	Nursing Legislation ENF502			2	4
				Bioethics BIO501	Thanatology ENF503		5	11
			EDUCATION AND HEALTH MANAGEMENT		Management and Quality in Nursing ENF504	Health Promotion ENF505	5	10
FOUNDATIONAL		PROFESSIONAL	SURGICAL NURSING INTERVENTIONS	Fundamentals of Surgical Nursing ENF590	Surgical Nursing Seminar I ENF591	Surgical Nursing Seminar II ENF592	13	26
					Pharmacological Therapy and Anesthesia ENF593	Clinical Procedures in Surgical Nursing ENF594		
SPECIALIZED		CAPSTONE	RESEARCH	Nursing Research Seminar I ENF551	Nursing Research Seminar II ENF552	Thesis Seminar ENF553	9	18
TOTAL: 4				5	4		**34**	**69**

TC MX	69
TC USA	35

H = WEEKLY IN CLASS HOURS

SPECIALTY IN

CLINICAL PATHOLOGY

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/1401/ 2015

ACADEMIC PROGRAM PURPOSE

It trains specialists in the field of clinical pathology capable of performing in the areas of medical care and scientific research with human sense and professional ethics, through the application of techniques and methods in the clinical laboratory with quality management systems, instrumentation and clinical correlation, to train human resources to manage clinical laboratories of high technological level and respond to the need for timely diagnosis, treatment and prognosis relevant to the behavior of diseases at state and national level.

ENTRY PROFILE

Knowledge

-Distinguishes the scientific fundamentals of general medicine.

-Recognizes the basis of the clinical method

-Describes the basics of epidemiology

-State the principles of basic statistics

Abilities and/or skills

-Express him/herself technically both orally and in writing.

-Works as part of a team

-Demonstrates analytical skills

-Proficient in English at an intermediate level

-Shows interest in research

-Uses commercial software

-Plans and organizes his/her work

Values and/or attitudes

-Explicit liking for the specialty

-Shows responsibility and honesty

-Conducts him/herself with tolerance towards others

-Adheres to medical ethics

-Demonstrates willingness to work

-Proposes new ideas

-Helps patients unconditionally

-Self-motivated

Habits

-Daily Reading

-Planning of activities

-Organization

-Attention to detail

-Cleanliness

THE GRADUATION PROFILE FOR THE SPECIALIST IN CLINICAL PATHOLOGY

To apply strategic planning in the management of a clinical laboratory.

To establish the criteria and quality standards that a clinical laboratory must meet.

To generate reports of diagnosis, follow-up and prognosis of patients, based on clinical laboratory techniques, which facilitate medical decision-making, in an ethical and responsible manner.

To use clinical correlation techniques for the diagnosis of pathologies.

To develop applied research to project new techniques in the clinical laboratory.

To handle instruments and laboratory methods that allow him to detect biochemical, physiological and histological changes that indicate the nature of the disease.

To implement the biosafety standards in the Clinical Laboratory.

To assume a respectful and humane attitude in dealing with the patient, the health team and the community.

PROGRAM CURRICULAR LINES

The program has a number of 26 courses that can be taken in 6 academic periods.

It is composed of:

Common Core: its curricular lines are oriented to Human Development.

Basic professional core: its curricular lines are oriented to the area of Methodology, Instrumentation, Basic Chemistry, Clinical Correlation and Human Pathology.

Professional core: its curricular lines are oriented to the areas of Advanced Instrumentation, Specialized Clinical Correlation and Comprehensive Pathology.

Terminal Curricular line: its curricular line is oriented to Research.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS						TH	TC
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	INSTITUTIONAL	HUMAN DEVELOPMENT	Bioethics BIO501					3	7
		PROFESSIONAL FOUNDATIONS	METHODOLOGY	Operation Management Systems in the Clinical Laboratory EPC550					2	4
				Quality Control Management Systems in the Clinical Laboratory EPC551					2	4
			INSTRUMENTATION	Basic Instrumentation: Microscopy EPC552	Intermediate Instrumentation: Robotics EPC555				2	8
			FOUNDATIONS OF CHEMISTRY		Clinical Chemistry EPC556				3	6
			CLINICAL CORRELATION	Clinical Correlation in Anemia EPC553	Clinical Correlation in Leukemia EPC557				2	8
			HUMAN PATHOLOGY	Hematology EPC554	Microbiology and Parasitology EPC558				6	12
					Cellular and Molecular Biology EPC559				3	6
FOUNDATIONAL		PROFESSIONAL	ADVANCED INSTRUMENTATION		Flow Cytometry EPC560	Electrophoresis EPC564	Chromatography EPC568	Molecular Biology Techniques EPC572	4	12
			SPECIALIZED CLINICAL CORRELATION		Clinical Correlation in Lymphomas EPC561	Clinical Correlation in Metabolic Diseases EPC565	Clinical Correlation in Immune Diseases EPC569	Clinical Correlation in Infectious Diseases EPC573	4	16
			INTEGRATED PATHOLOGY		Genetics EPC562				3	6
					Exfoliative Cytology EPC563	Immunology EPC566	Transfusion Medicine and Blood Bank EPC570		8	17
SPECIALIZED		CAPSTONE	RESEARCH		Thesis I EPC567	Thesis II EPC571	Thesis III EPC574		3	12
			TOTAL	6	5	4	4	4	3	45	118

TC MX 118
TC USA 59

SPECIALTY IN

GASTROENTEROLOGY

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/2066/2017

ACADEMIC PROGRAM PURPOSE

To train specialists in Gastroenterology who, with a biomedical, clinical, ethical and humanistic approach, integrate a diagnosis, treatment and follow-up of digestive pathologies, through a correct evaluation that includes the interpretation of the alterations presented in the digestive tract, esophagus, stomach, intestines, colon, pancreas, liver and biliary tract, with the purpose of establishing a timely diagnosis, treatment and prognosis and, accordingly, to promote the prompt recovery of a healthy lifestyle.

ENTRY PROFILE

Knowledge.

- Conclude at least two years of internal medicine.

- Analyze clinical and paraclinical methods.

- Interpret diagnostic aids.

- Describe the fundamentals of scientific epidemiology.

Skills

- Performs basic medical and surgical procedures.

- Presents critical judgment in the prevention, diagnosis, prognosis and treatment of the patient.

- Demonstrates leadership and decision making skills.

- Expresses him/herself clearly, orally and in writing.

- Manages basic skills for inquiry and research in the medical sciences.

- Reads texts in English.

Attitudes

- Appreciates honesty and responsibility in his/her medical actions.

- Acts with empathy and consideration.

- Is aware of the importance of commitment and congruence that implies facing the challenge of studying the specialty in Gastroenterology.

- Assumes a commitment to well being, well knowing and well doing.

Habits

- Habit of study.

- Hygiene habit.

- Habit of punctuality.

THE GRADUATION PROFILE FOR THE SPECIALIST IN GASTROENTEROLOGY:

To evaluate the clinical manifestations of gastroenterological diseases to apply necessary clinical and / or biomedical procedures or, where appropriate, channel to the corresponding area.

To execute gastroenterological clinical and / or surgical procedures in patients with different characteristics and contexts.

To apply endoscopic processes and methods in the digestive system, based on interpretation and clinical reasoning.

To perform manometer, pH measurement and other esophageal techniques or procedures necessary for the diagnosis, treatment and prognosis of gastrointestinal diseases.

To implement the necessary care for oncological diseases digestive, fully identifying their characteristics and requirements

To develop research in the gastroenterological area with the idea of providing scientific procedures that help solve digestive problems and diseases.

To develop research in the gastroenterological area with the idea of contributing scientific procedures that help in the solution of digestive problems and diseases.

PROGRAM CURRICULAR LINES:

The program has a number of 26 courses that can be taken in 6 academic periods.

It is composed of:

Common Core: its curricular lines are oriented to Human Development.

Basic professional core: its curricular lines are oriented to the area of Methodology, Instrumentation, Basic Chemistry, Clinical Correlation and Human Pathology.

Professional core: its curricular lines are oriented to the areas of Advanced Instrumentation, Specialized Clinical Correlation and Comprehensive Pathology.

Terminal Curricular line: its curricular line is oriented to Research.

CURRICULAR MAP:

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan.

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

SPECIALTY IN GASTROENTEROLOGY

GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS							TICH	TOCH	TC
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	INSTITUTIONAL	HUMAN DEVELOPMENT	Bioethics BIO501						66	46	7
FOUNDATIONAL		PROFESSIONAL FOUNDATIONS	DIDACTICS	Learning and Teaching Strategies ESM601						22	10	2
			BIOMEDICAL	Biomedicine in Gastroenterology I GAS601	Biomedicine in Gastroenterology II GAS605					88	40	8
		PROFESSIONAL	SOCIOMEDICAL		Health Systems ESM602	Medical Care Management ESM603	Hospital Management ESM604			66	30	6
			CLINICAL	Digestive System Pathology I GAS602	Digestive System Pathology II GAS606	Digestive System Pathology III GAS609	Hepato-Biliary-Pancreatic Pathology GAS612	Hepatitis Clinic GAS615	Liver Transplant GAS618	264	120	24
				Imaging I GAS603	Imaging II GAS607	Basic Endoscopy I GAS610	Basic Endoscopy II GAS613	Therapeutic Endoscopy I GAS616	Therapeutic Endoscopy II GAS619	132	60	12
SPECIALIZED		CAPSTONE	INTEGRATION	Integrated Clinical Practice I GAS604	Integrated Clinical Practice II GAS608	Integrated Clinical Practice III GAS611	Integrated Clinical Practice IV GAS614	Integrated Clinical Practice V GAS617	Integrated Clinical Practice VI GAS620	660	300	60
			RESEARCH	Research Methodology ESM611	Evidence-Based Medicine ESM612	Clinical Epidemiology ESM613	Thesis Seminar I ESM614	Thesis Seminar II ESM615	Thesis Seminar III ESM616	132	60	12
		TOTAL		7	6	5	5	4	4	1430	666	131

TC MX	131
TC USA	66

SPECIALTY IN

HEMATOLOGY

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/2065/2017

ACADEMIC PROGRAM PURPOSE

It trains competent specialists in Hematology to care for hematological patients from a multidisciplinary, flexible and humanistic vision, through diagnosis, treatment, research applied to the biomedical and clinical field of the different hematological diseases, with the purpose of restoring their health and well-being and thus promoting their reintegration into society.

ENTRY PROFILE

Knowledge:

- Identifies clinical and paraclinical methods.

- Interprets diagnostic aids.

- Analyzes scientific texts in English.

- Interprets scientific epidemiology.

Skills

- Designs and evaluates projects in the health area.

- Performs medical-surgical procedures.

- Demonstrates observation and analysis skills.

- Uses critical thinking in the analysis of health problems.

- Develops basic research protocols.

- Makes decisions based on scientific knowledge.

- Manages critical judgment for prevention, diagnosis, prognosis, treatment and recovery of the patient.

- Demonstrates capacity for collaborative work.

- Clearly expresses their ideas orally and in writing.

- Develops innovation processes.

- Demonstrates interest in medical sciences.

Attitudes and values

- Shows facility to establish interpersonal relationships.

- Values the importance of leadership.

- Is interested in community service.

- Is concerned about human values.

- Assumes an assertive attitude.

- Identifies with UPAEP's values and educational model.

- Values honesty and integrity.

- Orientation to well being, well being and well doing.

- Search for the common good.

- Acts with responsibility, commitment and empathy.

- Is congruent in his/her medical actions.

- Is committed to Altruism and humanistic and social conscience.

Habits

- Reading habit.

- Habit of cleanliness and hygiene.

- Habit of listening and attention to others.

THE GRADUATION PROFILE FOR THE SPECIALIST IN HEMATOLOGY:

To integrate an accurate diagnosis of hematological diseases based on deep clinical reasoning.

To propose the medical and / or surgical therapy required for the solution of the hematological pathology.

To apply scientific research in the field of hematology, addressing the different types of blood disorders such as leukemia's, lymphomas and anemia, with their symptoms, signs, disorders and treatments.

To disseminate the results of hematological research through education and prevention plans to the population, teaching other members of the medical team and disseminating scientific texts.

To apply clinical and epidemiological scientific evidence in hematological medical practice.

To apply medical technology in the care and treatment of oncohematological conditions, including transplant therapy and biomedical treatment.

To apply the ethical and legal codes of the medical profession in the solution of hematological diseases, protecting professional secrecy and maintaining confidentiality.

PROGRAM CURRICULAR LINES:

The program has 31 courses, which are taken in 6 school periods.

It is composed of:

Common Core: its curricular lines are oriented to Human Development.

Basic professional core: its curricular lines are oriented to didactics strategies and Biomedics.

Professional core: its curricular lines are oriented to the Sociomedical and Clinical area.

Terminal Core: its curricular lines are oriented to Integration and Research.

CURRICULAR MAP:

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

SPECIALTY IN HEMATOLOGY

GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS							TH	TC
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	INSTITUTIONAL	HUMAN DEVELOPMENT	Bioethics BIO501						3	7
FOUNDATIONAL		PROFESSIONAL FOUNDATIONS	DIDACTICS	Learning and Teaching Strategies ESM601						1	2
			BIOMEDICAL	Blood Biomedicine I HEM601	Blood Biomedicine II HEM605					4	8
			SOCIOMEDICAL		Health Systems ESM602	Medical Care Management ESM603	Hospital Management ESM604			3	6
		PROFESIONAL	CLINICAL	Clonal Hemopathy HEM602	Erythrocyte Pathology HEM606	Leukocyte Pathology HEM609	Myeloproliferative Neoplasm HEM612	Platelet Pathology HEM615	Hemostasis Disorders HEM618	12	24
				Hematologic Antiproliferatives HEM603	Transfusion Therapy HEM607	Antimicrobial Therapy HEM610	Hematopoietic Transplantation HEM613	Hemostasis Therapy HEM616	Immunosuppressive Therapy. HEM619	6	12
SPECIALIZED		CAPSTONE	INTEGRATION	Integrated Clinical Practice I HEM604	Integrated Clinical Practice II HEM608	Integrated Clinical Practice III HEM611	Integrated Clinical Practice IV HEM614	Integrated Clinical Practice V HEM617	Integrated Clinical Practice VI HEM620	30	60
			RESEARCH	Research Methodology ESM611	Evidence-Based Medicine ESM612	Clinical Epidemiology ESM613	Thesis Seminar I ESM614	Thesis Seminar II ESM615	Thesis Seminar III ESM616	6	12
			TOTAL	7	6	5	5	4	4	65	131

SPECIALTY IN

SURGICAL ONCOLOGY

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/01/755/2011

ACADEMIC PROGRAM PURPOSE

Specializes medical doctors in the field of surgical oncology, competent to meet the demands of society in the care of patients with cancer, integrating knowledge, processes and cognitive structures, skills, abilities, values and social relations, allowing them to respond to the requirements of present and future professional medical practice, maintaining the ability to establish optimal courses of action, through teamwork, reflection in action, research and application of biomedical and clinical scientific knowledge, multidisciplinary approach, adaptability and a vision of the future and social commitment, within a plurality of contexts and situations.

Knowledge

- About general surgery.

- Distinguish between normal and pathological in the health-disease process.

- Concepts of embryology, anatomy and physiology of the organism.

- Concepts of epidemiology within the social, political and cultural context.

- Concepts of functional and dysfunctional morphological components.

- Clinical and paraclinical methods.

- Diagnostic aids.

- Scientific epidemiology.

- English language (comprehension of scientific texts).

Abilities and/or Skills

- Handling of techniques, tools and strategies of medical vanguard.

- Observation and analysis skills, indispensable for the discovery of new knowledge.

- Systemic thinking.

- Clear expression of ideas in oral and written form.

- Handling of instruments and research methodology.

- Ease in establishing interpersonal relationships, based on assertive communication.

- Decision-making in stressful situations.

- Critical judgment for prevention, diagnosis, prognosis, treatment and recovery of the patient.

Attitudes and/or Values

Orientation to multidisciplinary and collaborative work.

To consider the patient as a dignified, integral person with a spiritual dimension.

Show a broad professionalism and timely service to patients and members of the medical community.

Always show an attitude of service to patients and members of the medical community.

High appreciation for life and the human values on which it is based.

Openness to new treatments and comprehensive cancer trends.

THE GRADUATION PROFILE FOR THE SPECIALIST IN SURGICAL ONCOLOGY

To practice surgical procedures that generate preventive and curative care measures for oncological diseases.

To promote, maintain and recover the health of cancer patients.

To generate relevant knowledge and integrate it into the different areas in which he develops his oncological surgical practice.

To apply the information obtained from scientific, clinical and epidemiology research to provide alternative solutions in the treatment of oncological pathologies.

To assume the ethical principles of clinical and research practice, applying them in his professional work; shows consistency in the application of professional ethical codes with the ethical dilemmas that arise in the oncology community.

To participate with professional organizations, integrating effectively into the multidisciplinary health work, responding to the needs of the patient and maintaining high standards in the surgical practice of Oncology.

- Clear expression of ideas in oral and written form.

- Handling of instruments and research methodology.

- Ease in establishing interpersonal relationships, based on assertive communication.

- Decision-making in stressful situations.

- Critical judgment for prevention, diagnosis, prognosis, treatment and recovery of the patient.

Attitudes and/or Values

Orientation to multidisciplinary and collaborative work.

To consider the patient as a dignified, integral person with a spiritual dimension.

Show a broad professionalism and timely service to patients and members of the medical community.

Always show an attitude of service to patients and members of the medical community.

High appreciation for life and the human values on which it is based.

Openness to new treatments and comprehensive cancer trends.

THE GRADUATION PROFILE FOR THE SPECIALIST IN SURGICAL ONCOLOGY

To practice surgical procedures that generate preventive and curative care measures for oncological diseases.

To promote, maintain and recover the health of cancer patients.

To generate relevant knowledge and integrate it into the different areas in which he develops his oncological surgical practice.

To apply the information obtained from scientific, clinical and epidemiology research to provide alternative solutions in the treatment of oncological pathologies.

To assume the ethical principles of clinical and research practice, applying them in his professional work; shows consistency in the application of professional ethical codes with the ethical dilemmas that arise in the oncology community.

To participate with professional organizations, integrating effectively into the multidisciplinary health work, responding to the needs of the patient and maintaining high standards in the surgical practice of Oncology.

PROGRAM CURRICULAR LINES:

The program has a number of 30 courses that can be taken in 6 academic periods.

It is made up of:

Basic professional core: its curricular lines are oriented to the Didactic, Biomedical and Sociomedical area.

Professional core: its curricular lines are oriented to the Clinical area and Administration.

Terminal Curricular line: its curricular lines are oriented to Integration and Research.

CURRICULAR MAP:

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

SPECIALTY IN SURGICAL ONCOLOGY

GROUNDED EDUCATION

CYCLE	COMPETENCIES	CORE	CURRICULUM AREAS	TERM 1	TERM 2	TERM 3	TERM 4	TERM 5	TERM 6	TH	TC
FOUNDATIONAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	DISCIPLINARY	DIDACTICS	Learning and Teaching Strategies 09700001						1	2
DISCIPLINARY			BIOMEDICAL	Biomedicine, Anatomy, and Physiology I 09700002	Biomedicine, Anatomy, and Physiology II 09700008					4	8
			SOCIOMEDICAL		Medical Anthropology 09700009					1	2
						Evidence-Based Medicine 09700015				1	2
			CLINICAL	Principles of Surgical Oncology 09700003	Auxiliary Diagnostic Procedures 09700010	Radiation Therapy in Oncology 09700016				5	10
				Clinical Cancer Epidemiology 09700004	Pre and Post Surgical Management 09700011	Antineoplastic Chemotherapy 09700017				4	8
CAPSTONE		PROFESSIONAL		Oncological Surgical Pathology of the Head and Neck 09700005	Oncological Surgical Pathology of the Lung and Mediastinum 09700012	Oncological Surgical Pathology of the Gastrointestinal Tract 09700018	Oncological Surgical Pathology of Skin, Sarcomas and Retroperitoneum 09700021	Urogenital Oncological Surgical Pathology 09700025	Oncological Surgical Pathology of the Female Breast and Genitalia 09700028	12	24
			MANAGEMENT				Health Care Administration 09700022			1	2
			RESEARCH	Research Methodology I 09700006	Research Methodology II 09700013	Applied Epidemiology 09700019	Thesis Seminar I 09700023	Thesis Seminar II 09700026	Thesis Seminar III 09700029	6	12
			INTEGRATION	Oncological Surgical Procedures I 09700007	Oncological Surgical Procedures II 09700014	Oncological Surgical Procedures III 09700020	Oncological Surgical Procedures IV 09700024	Oncological Surgical Procedures V 09700027	Oncological Surgical Procedures VI 09700030	30	60
		TOTAL		7	7	6	4	3	3	65	130

FLEXIBLE CURRICULUM DISTRIBUTION MODEL

TC MX 130
TC USA 65

SPECIALTY IN

ANESTHESIOLOGY

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/1981/2017

ACADEMIC PROGRAM PURPOSE

It trains medical specialists in anesthetic procedures, whose responsibility is to propitiate the states of amnesia, hypnosis, analgesia, neuromuscular relaxation and neurovegetative protection, performing medical and/or surgical procedures, characterized by a high professional capacity and a high humanitarian sense, which guarantee the absence of pain and prompt recovery, prudence in the administration of the resources used and involvement in teaching and research in health, in order to provide safe medical care and with absolute respect for human dignity, comply with official standards for the care of the patient to be intervened medically or surgically and thus contribute to the prevention of damage and improve the patient's health levels.

ENTRY PROFILE

Knowledge

- Explain the scientific foundations of medicine from the basic sciences (Anatomy, Histology, Embryology, Physiology, Biochemistry, Pharmacology), clinical sciences (Internal Medicine, Surgery, Pediatrics, Gynecology and Obstetrics, Emergency Medicine, Family Medicine and Public Health) and socio-medicine.

- Distinguishes the usefulness of the Clinical Method, Epidemiological Method and health research.

Skills

- Reads, analyzes and translates texts in English, presenting a minimum score of 450 points in the TOEFL exam.

- Systematically retrieves information to establish a diagnosis in congruence with the patient's clinical picture.

- Uses critical judgment for the prevention, diagnosis, prognosis, treatment and recovery of the patient, in congruence with his/her clinical picture.

- Executes diagnostic and therapeutic procedures in general medicine.

- Develops basic medical-surgical procedures.

- Manages information and communication technologies.

- Clearly expresses him/herself orally and in writing.

- Demonstrates research skills.

Attitudes

- Works as part of a team and in a collaborative manner.

- Shows respectful and compassionate behavior.

- Assumes his work with leadership and critical thinking.

- Is aware of the importance of innovation and development.

Habits

- Reading habits

- Habit of observation and reflection

- Habit of service

THE GRADUATION PROFILE FOR THE SPECIALIST IN ANESTHESIOLOGY

To use the knowledge of Anesthesiology and Algology in clinical and therapeutic practice, to the patient's conditions and the professional development environment.

To apply skillfully, safely and with dignified treatment, the competences in Anesthesiology for the prevention, diagnosis, treatment and rehabilitation in the patients under his care, in accordance with the ethical codes of the medical profession.

To record in a timely manner the limitations of its competences in Anesthesiology, to request the necessary help for the benefit of the care of its patients when it is pertinent.

To collaborate proactively in interdisciplinary work teams, in order to contribute to the achievement of objectives and administrative prudence in the institutions where he works.

To participate in the continuing medical education in anesthesiology, of health professionals and of students of the different university and technical levels, as well as in the training of his patients and social groups that require it.

Contributes to anesthesiology research processes that contribute to the innovation of health care strategies.

PROGRAM CURRICULAR LINES:

The program has a number of 29 courses that can be taken in 6 school periods.

It is composed of:

Common Core: its curricular lines are oriented to Human Development.

Basic professional core: its curricular lines are oriented to Basic Sciences Applied to Anesthesiology and Didactics.

Professional core: its curricular lines are oriented to the Clinical area and Administration.

Terminal Curricular line: its curricular lines are oriented to Integration and Research.

CURRICULAR MAP:

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

SPECIALTY IN ANESTHESIOLOGY

GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS							TH	TC
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	INSTITUTIONAL	**HUMAN DEVELOPMENT**	Bioethics BIO501						3	7
FOUNDATIONAL		PROFESSIONAL FOUNDATIONS	**BASIC SCIENCES APPLIED TO ANESTHESIOLOGY**	Physics Applied to Anesthesia ANE601						1	2
				Biochemistry Applied to Anesthesia ANE602						1	2
				Applied Pharmacology to anesthesia ANE603						2	4
			DIDACTICS	Learning and Teaching Strategies ESM601						1	2
		PROFESSIONAL		Integrated Antesthesia Care I ANE604	Integrated Antesthesia Care II ANE607	Specialty-Based Anesthesia Care I ANE611	Specialty-Based Anesthesia Care II ANE614	Subspecialty-Based Anesthesia Care I ANE617	Subspecialty-Based Anesthesia Care II ANE621	12	24
			CLINICAL	Anesthesia Therapy I ANE605	Anesthesia Therapy II ANE608	Anesthesia Therapy III ANE612	Anesthesia Therapy IV ANE615	Anesthesia Therapy V ANE618	Anesthesia Therapy VI ANE622	6	12
								Pain Clinic ANE619		2	4
			MANAGEMENT			Health Systems ESM602	Hospital Management ESM604			2	4
SPECIALIZED		CAPSTONE	**INTEGRATION**	Clinical Practice I ANE606	Clinical Practice II ANE609	Clinical Practice III ANE613	Clinical Practice IV ANE616	Clinical Practice V ANE620	Clinical Practice VI ANE623	30	90
			RESEARCH		Thesis Seminar I ESM614		Thesis Seminar II ESM615		Thesis Seminar III ESM616	3	6
			TOTAL	8	4	4	5	4	4	63	157

TC MX	157
TC USA	79

SPECIALTY IN

UROLOGY

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/1979/2017

ACADEMIC PROGRAM PURPOSE

It trains Urology Specialists with an ethical and human sense, who use with precision the physiology, physiopathology, clinical expression, methods of diagnostic recognition, nosology, medical and surgical procedures that attend the alterations of the genitourinary tract, through the integral analysis of the patient, to apply an effective and opportune treatment of the pathologies of urological nature that promotes the recovery and quality of life of the patient.

ENTRY PROFILE

Knowledge

-Identifies basic medical terms in English. presenting a minimum score of 450 points on the TOEFL exam.

-Recognizes the basic methodology of Medical research.

-Recognizes embryological, anatomical and physiological fundamentals.

Skills and/or abilities.

-Performs basic surgical procedures.

-Prepares relevant clinical diagnostic analyses.

Attitudes and/or values.

- Shows service attitude with the patient.

- Acts with human sense and warmth towards the patient and his/her environment.

- Collaborates and works as part of a team.

- Denotes respect towards superiors and colleagues.

- Acts with responsibility.

- Denotes willingness to learn

Habits

- Personal hygiene

- Reading habits

- Proactive work.

- Punctuality

THE GRADUATION PROFILE FOR THE SPECIALIST IN UROLOGY

To intervene the patient with urological disorders or damage, to establish a diagnosis and necessary medical treatment plan.

To apply the clinical or surgical treatments for the care of urological pathologies.

To implement urological tools or techniques in the care of patients facing problems or immediate care situations.

To design prevention plans in the urological field that prevent damage or alterations in patients of any age and condition, making them known by different means.

To direct and develop applied research in the field of Urology, as a means of prevention and care of damage in this health sector.

To use endourological and laparoscopic techniques as minimally invasive surgery.

PROGRAM CURRICULAR LINES

The program has a number of 27 courses that can be taken in 8 school periods.

It is composed of:

Common Core: its curricular lines are oriented to Human Development.

Basic professional core: its curricular lines are oriented to Didactics and Biomedics.

Professional: coreits curricular lines are oriented to the Sociomedical and Clinical area.

Terminal Curricular line: its curricular lines are oriented to Integration and Research.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

SPECIALTY IN UROLOGY
GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS									TH	TC
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	INSTITUTIONAL	HUMAN DEVELOPMENT	Bioethics BIO501								3	7
FOUNDATIONAL		PROFESSIONAL FOUNDATIONS	DIDACTICS	Learning and Teaching Strategies ESM601								1	2
			SOCIOMEDICAL	Anthropology in Urology URO601								1	2
		PROFESSIONAL	CLINICAL	Study of the Urological Patient URO602	Benign Urological Pathology URO604	Urogynecology URO606	Pediatric Urology URO608	Oncological Urology URO610	Endourology URO612	Urologic Laparoscopy URO614	Urodynamics URO616	16	32
			SURGICAL	Basic Urology Instrumentation I URO603	Basic Urology Instrumentation II URO605	Urology Surgical Procedures I URO607	Urology Surgical Procedures II URO609					20	40
			MANAGEMENT			Medical Care Management ESM603	Hospital Management ESM604					2	4
SPECIALIZED		CAPSTONE	INTEGRATION					Advanced Urology Instrumentation I URO611	Advanced Urology Instrumentation II URO613	Advanced Surgical Techniques URO615	Strategies for Integrated Diagnostics, Criteria, and Decision-Making URO617	20	40
			RESEARCH			Research Methodology ESM611	Evidence-Based Medicine ESM612	Clinical Epidemiology ESM613	Thesis Seminar I ESM614	Thesis Seminar II ESM615	Thesis Seminar III ESM616	6	12
		TOTAL		5	2	4	4	3	3	3	3	69	139

TC MX	139
TC USA	70

SPECIALTY IN

CLINICAL LABORATORY SCIENCE

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/1805/2017

ACADEMIC PROGRAM PURPOSE

It trains specialists in Clinical Laboratory Sciences who manage processes of service, research, organization and administration of clinical laboratories, through the application of national and international regulations and certifications, with the purpose of implementing innovative techniques and strategies in the diagnosis and follow-up of laboratory specimens under a modern assistance conception, with an ethical and humanistic sense.

ENTRY PROFILE

Knowledge

-Recognizes the theoretical bases of Microbiology, Hematology, Immunology, Clinical Chemistry, Molecular Biology.

-Enunciates the theoretical foundations of human anatomy and physiology.

-Analyzes processes based on applied statistics.

-Identifies the bases of the research process.

-Distinguishes the advances in laboratory science.

Abilities and/or skills

-Manages computer packages.

-Possesses manual dexterity in the handling of clinical laboratory instruments.

-Demonstrates ability in reading texts in English.

-Leads work groups.

-Applies verbal and mathematical reasoning.

-Makes assertive decisions.

-Evaluates laboratory quality standards.

-Demonstrates observation, analysis and synthesis skills.

Attitudes and/or values

-Adheres to medical ethics.

-Performs with vocation of service.

-Acts with a sense of order, organization and initiative.

-Demonstrates sociability and willingness to provide assistance to users.

-Performs with moral integrity.

-Acts with a sense of responsibility.

-Works with empathy.

-Shows willingness to work.

-Generates self-motivation in their performance.

Habits

- Daily reading

- Planning of activities

- Organization and discipline.

- Attention to details

- Cleanliness

THE GRADUATION PROFILE FOR THE SPECIALIST IN CLINICAL LABORATORY SCIENCE

To detect emerging diseases and communicate them to the health authorities.

To establish communication and service networks with health authorities.

To evaluate the possibilities of donating blood and cells for transplants in order to accept or reject them.

To evaluate the quantity and quality of the samples in the collection of blood units and cells.

To evaluate new lines of work and research in the laboratory.

To manage service processes in agreement with health and teaching institutions.

To promote the validation of clinical laboratory exercise with certification, under national and international regulations, as appropriate.

To evaluate computer systems applied to laboratory processes.

PROGRAM CURRICULAR LINES

The program has a number of 26 courses that can be taken in 6 academic periods.

It is composed of:

Common Core: its curricular lines are oriented to Human Development.

Basic professional core: its curricular lines are oriented to the areas of Laboratory Administration, Instrumentation and Basic Chemistry.

Professional core: its curricular lines are oriented to the areas of Pathology, Clinical Correlation and Advanced instrumentation.

Terminal Curricular line: its curricular line is oriented to Research.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

SPECIALTY IN CLINICAL LABORATORY SCIENCE
GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS							TH	TC
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY AND PROFESSIONAL	INSTITUTIONAL	HUMAN DEVELOPMENT	Bioethics BIO501						3	7
FOUNDATIONAL		PROFESSIONAL FOUNDATIONS	LABORATORY MANAGEMENT	Operation Management Systems in the Clinical Laboratory EPC550	Quality Control Management Systems in the Clinical Laboratory EPC551					4	8
			INSTRUMENTATION	Metrology CLC501	Instrumentation CLC504					2	8
			CHEMISTRY FOUNDATIONS	Clinical Chemistry EPC556						3	6
SPECIALIZED		PROFESSIONAL	PATHOLOGY	Selected Topics in Hematology CLC503	Selected Topics in Immunology CLC506					6	12
						Selected Topics in Microbiology and Parasitology CLC509				3	6
					Selected Topics in Cell and Molecular Biology CLC507	Histopathological Analysis CLC510	Selected Topics in Genetics CLC512	Select Topics inTransplant and Blood Bank CLC515		10	21
			CLINICAL CORRELATION	Clinical Correlation in Hematology CLC502	Clinical Correlation in Laboratory Immunology CLC505	Clinical Correlation in Microbiology and Parasitology CLC508	Clinical Correlation in Molecular Biology CLC511	Clinical Correlation in Endocrinology CLC514	Clinical Correlation in Genetics CLC516	6	24
			ADVANCED INSTRUMENTATION			Flow Cytometry EPC560	Electrophoresis EPC564	Chromatography and Proteomics CLC513	Techniques in Molecular Biology EPC572	4	12
		CAPSTONE	RESEARCH				Thesis I EPC567	Thesis II EPC571	Thesis III EPC574	3	12
			TOTAL	6	5	4	4	4	3	44	116

TC MX	116
TC USA	58

SPECIALTY IN

NEPHROLOGY

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/1980/2017

ACADEMIC PROGRAM PURPOSE

It trains specialists in Nephrology, competent to meet the demands of society regarding the care of nephropathic patients, who analyze, interpret and evaluate renal pathology from the available clinical information, conducting a comprehensive study of the patient's health, in order to establish the required clinical or surgical nephrological treatment, with a humanistic, biomedical, multidisciplinary and ethical approach with social commitment.

ENTRY PROFILE

Knowledge

- 2 years of Internal Medicine.

- Identifies knowledge of scientific methodology.

- Analyzes basic texts in English. presenting a minimum score of 450 points in the TOEFL exam.

- Evaluates relevant medical knowledge that allows him/her to make decisions.

- Evaluates in an integral way the different areas of knowledge that allow him/her to develop an efficient work in the solution of the prevalent renal pathology.

Abilities and/or skills

- Use diagnostic and therapeutic procedures.

- Basic use of internet.

- Uses basic knowledge of statistics and medical methodology.

- Participates proactively with other members of the health area through teamwork.

- Performs verbal and non-verbal communication that favors dialogue with the patient, family and other members of the health team.

Attitudes and/or values

- Demonstrates ethical principles to clinical practice and research.

- Shows during clinical practice congruence with ethics and professional codes established by society and the medical community.

- Acts with discipline, order and punctuality.

- Is committed to quality and availability to attend patients and their families.

- Shows honesty and respect in his/her actions.

- Demonstrates an entrepreneurial spirit.

- Is aware of responsibility and leadership.

- Attitude of self-improvement and self-learning.

Habits

- Habit of self-knowledge and self-evaluation.

- Habit of reading and reflection for the better development of diagnostic and treatment techniques.

THE GRADUATION PROFILE FOR THE SPECIALIST IN NEPHROLOGY

To act with a preventive approach and not exclusively curative of nephrological diseases.

To promote, maintain and restore the health of patients with kidney disease.

To execute the nephrological medical procedure (kidney biopsies and vascular access placement) and interpret it.

To prepare the diagnosis and treatment of patients with kidney pathologies.

To Develop Health policies concerning Kidney Diseases.

To design and manages research projects in the area of Kidney diseases.

To plans, organize, execute and evaluate health promotion activities aimed at reducing the incidence or progression of kidney diseases

To defend the dignity of the person and the right to life, especially in patients with End-Stage Renal Disease, promoting the right to life, multidisciplinary care and quality of life.

PROGRAM CURRICULAR LINES

The program has 31 courses that can be taken in 6 academic periods.

It is composed of:

Common Core: its curricular lines are oriented to Human Development.

Basic professional core: its curricular lines are oriented to Didactics and Biomedics.

Professional: coreits curricular lines are oriented to the Socio-medical and Clinical area.

Terminal Core: its curricular lines are oriented to Integration and Research.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS							TH	TC
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	INSTITUTIONAL	HUMAN DEVELOPMENT	Bioethics BIO501						3	7
FOUNDATIONAL		PROFESSIONAL FOUNDATIONS	DIDACTICS	Learning and Teaching Strategies ESM601						1	2
			BIOMEDICAL	Kidney Biomedicine I NEF601	Kidney Biomedicine II NEF605					4	8
			SOCIOMEDICAL		Health Systems ESM602	Medical Care Management ESM603	Hospital Management ESM604			3	6
		PROFESSIONAL	CLINICAL	Kidney Histology I NEF602	Kidney Histology II NEF606	Kidney Histology III NEF609	Kidney Histology IV NEF612	Kidney Histology V NEF615	Kidney Histology VI NEF618	12	24
				Peritoneal Dialysis I NEF603	Peritoneal Dialysis II NEF607	Hemodialysis I NEF610	Hemodialysis II NEF613	Kidney Transplant I NEF616	Kidney Transplant II NEF619	6	12
SPECIALIZED		CAPSTONE	INTEGRATION	Integrated Clinical Practice I NEF604	Integrated Clinical Practice II NEF608	Integrated Clinical Practice III NEF611	Integrated Clinical Practice IV NEF614	Integrated Clinical Practice V NEF617	Integrated Clinical Practice VI NEF620	30	60
			RESEARCH	Research Methodology ESM611	Evidence-Based Medicine ESM612	Clinical Epidemiology ESM613	Thesis Seminar I ESM614	Thesis Seminar II ESM615	Thesis Seminar III ESM616	6	12
			TOTAL	7	6	5	5	4	4	65	131

TC MX	131
TC USA	66

SPECIALTY IN

FAMILY MEDICINE

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/01/1978/2017

ACADEMIC PROGRAM PURPOSE

It trains Family Medicine Specialists with an ethical and humanistic sense, who provide comprehensive medical care to the individual and his family, through preventive, curative and rehabilitative actions, to support the biopsychosocial well-being of the family.

ENTRY PROFILE

Knowledge

- Distinguishes the basic knowledge in General Medicine.

- Evaluates the global needs of their patients.

- Identifies basic knowledge of bioethics and morals.

- Distinguishes basic knowledge in clinical and paraclinical studies.

Skills

- Communicates effectively with people.

- Works in interdisciplinary teams.

- Discriminates medical information.

- Selects medical literature that contributes to his/her professional field.

- Uses new medical technologies.

- Presents proficiency in the English language (350 points in the TOEFL exam).

Attitudes

- Is inclined to the vocation of service and solidarity.

- Assumes social commitment with his environment.

- Is committed to his work teams.

- Is interested in research in the area of health.

- Is interested in scientific knowledge.

Habits

- Habit of service

- Habit of effective communication

- Proactive reaction to diverse situations

THE GRADUATION PROFILE FOR THE SPECIALIST IN FAMILY MEDICINE

To develop processes of analysis of the health situation of people, families and communities, from a holistic vision and of the family life cycle.

To make diagnoses of the health situation of the person, the family and the community using appropriate technologies.

To provide specialized, comprehensive and continuous medical care and attention to individuals, families and communities, with a biopsychosocial approach.

To propose comprehensive management plans for the care of individuals, families and communities according to the family life cycle.

To participate in the comprehensive management of surgical patients according to the scope and competencies of the work team.

To make decisions for the comprehensive care of individuals, families and communities based on scientific evidence.

To participate in the permanent education of the people, families and communities placed in his care, mediating the learning processes.

To execute health plans, programs and projects, applying active and participatory methodologies with the community.

PROGRAM CURRICULAR LINES

The program has a number of 26 courses that can be taken in 6 academic periods.

It is composed of:

Common Core: its curricular lines are oriented to Human Development.

Basic professional core: its curricular lines are oriented to the Didactics and Bioethics area.

Professional core: its curricular lines are oriented to the areas of Family Medicine, Medical Surgical Emergencies, Administration, Pediatrics, Obstetric Gynecology and Internal Medicine.

Terminal Curricular line: its curricular lines are oriented to Integration and Research.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

SPECIALTY IN FAMILY MEDICINE
GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS							TH	TC
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	INSTITUTIONAL	HUMAN DEVELOPMENT		Bioethics BIO501					3	7
FOUNDATIONAL		PROFESSIONAL FOUNDATIONS	DIDACTICS	Learning and Teaching Strategies ESM601						1	2
			BOIETHICS				Ethics EMF613	Ethical Dilemmas EMF617		6	12
SPECIALIZED		PROFESSIONAL	FAMILY MEDICINE	Fundamentals of Family Medicine EMF601	Family Medicine I EMF605	Family Assessment Tools EMF609	Family Medicine II EMF614	Levels of Family Intervention EMF618	Family Health Study EMF620	18	36
			SURGICAL MEDICAL EMERGENCIES		Surgical Emergencies I EMF606	Surgical Emergencies II EMF610				8	16
			MANAGEMENT				Health Systems ESM602		Hospital Management ESM604	2	4
			PEDIATRICS	Pediatrics I EMF602		Pediatrics II EMF611				7	14
			OBSTETRICS AND GYNECOLOGY	Obstetrics and Gynecology I EMF603			Obstetrics and Gynecology II EMF615			6	12
			INTERNAL MEDICINE		Internal Medicine I EMF607		Internal Medicine II EMF616		Internal Medicine III EMF621	9	18
		CAPSTONE	INTEGRATION						Clinical Rotations EMF622	6	12
			RESEARCH	Research Methodology EMF604	Bioethics in Research EMF608	Thesis seminar I EMF612		Thesis Seminar II EMF619		11	22
TOTAL				5	5	4	5	3	4	77	155

TC MX	155
TC USA	78

MASTER'S DEGREE IN

NURSING SCIENCE

MODALITY: Grounded education

CAMPUS: PUEBLA

RVOE: SEP-SES/21/114/04/1642/2016

ACADEMIC PROGRAM PURPOSE

It trains Masters in Nursing Sciences with a scientific and humanistic approach that contribute to the solution of the individual's health problems, developing research protocols that help formulate and apply strategies in the models of care, to promote the quality of health systems and services in their context.

ENTRY PROFILE

Knowledge:

- Recognizes the basics of scientific research.

- Identifies informatics tools.

- Points out basic aspects of the current health situation of the country.

- Recognizes the stages of the administrative process in nursing.

- Relates educational strategies and techniques in health.

- Distinguishes the current political, economic and social situation of the country.

Abilities and/or skills:

- Makes decisions in a timely manner.

- Applies the scientific process in the phenomena of study in nursing.

- Collaborates in research protocols.

- Solves problems based on what has been observed.

- Communicates effectively with the work team.

- Proposes treatments to the detected health needs.

- Shows visual and auditory skills.

- Uses new information and communication technologies.

- Participates in health promotion activities.

- Participates in the organization and operation of the nursing service.

Attitudes and Values:

- Is aware of the importance of professional secrecy and handling of confidential information.

- Shows attitude and vocation for service.

- Acts with order, organization and initiative.

- Shows commitment to his/her profession.

- Social responsibility and citizen commitment.

- Is committed to his socio-cultural environment.

- Is inclined to permanent updating.

- Values diversity and multiculturalism.

Habits:

- Reading and consultation.

- Habit of study.

- Habit of observation and reflection.

- Habit of social service.

- Work in a methodical and hierarchical way.

- Efficiency and effectiveness at work.

- Habit of effective communication.

THE GRADUATION PROFILE FOR THE MASTER IN NURSING SCIENCE

To apply the codes of ethics and legal norms, in favor of the physical, mental and social integrity of the person.

To propose solutions focused on health promotion that favor the improvement of Nursing services and the quality of care.

To integrate the principles, models and theories of Nursing in the solution of health problems, considering the human response in the different stages of life.

To generate intervention protocols to promote models of nursing care and respond to health and nursing problems in the workplace.

To accomplish nursing research using different methodologies and frameworks to generate knowledge that strengthens nursing care.

To apply statistics for the development and management of research projects related to nursing and health care.

PROGRAM CURRICULAR LINES

The academic program is made up of 16 courses that can be studied in a flexible curriculum in 4 academic periods.

It is made up of:

General Education (institutional): General Courses, which consist of the completion of five curricular lines such as: Bioethics, Computing Skills, Humanist Training, Entrepreneurship and Languages.

Theoretical Training (basic professional core), which consists of fulfilling courses corresponding to: Psychology, Biology, Basic Assistance, Preventive.

Disciplinary Training (professional curricular line and elective curricular line), which consists of Courses that correspond to the area of Disciplinary Medicine, Teaching, Ethics in Nursing, Care, Administration, Nursing Clinics and Nursing Research

Disciplinary Training (elective curricular line) consists of courses from the following Entrepreneurship, Disciplinary Area, Academic systems of Social relevance and General Education.

Research courses (terminal curricular line), which consists in the research of Nursing Topics focused in the nursing science.

CURRICULAR MAP

The propaedeutic courses must be taken according to the results of your placement exams in English, Physics, Math and / or Computing, depending on your chosen academic program plan

The elective courses in the terminal curricular lines must be chosen according to your professional preferences.

CURRICULAR MAP

MASTER'S DEGREE IN NURSING SCIENCE
GROUNDED EDUCATION

TYPE	COMPETENCIES	CORE	CURRICULUM AREAS						TH	TC
INSTRUMENTAL	FUNDAMENTAL, DISCIPLINARY, AND PROFESSIONAL	INSTITUTIONAL	HUMAN FORMATION AND THE LEGAL FRAMEWORK	Bioethics SPU520	Nursing Science Legislation MCE501				6	13
FOUNDATIONAL		PROFESSIONAL	HEALTH MANAGEMENT AND EDUCATION	Health Management SPU507	Nursing and Health Education MCE502		Promotion and Health Education SPU509		10	15
			NURSING	Theories and Models in Nursing MCE503		Nursing and Family Theories MCE504			7	12
						Quality in Nursing Care MCE505	Nursing Elective Course OCE001	High-end Specialty Nursing Interventions MCE506	9	16
SPECIALIZED		CAPSTONE	NURSING SCIENCE		Epidemiology SPU505			Applied Epidemiology SPU512	Community Health and Development MCE507	9	12
						Nursing Research MCE508	Statistics Applied to Health Sciences MCE509	Nursing Thesis MCE510	11	18
			TOTAL:	3	3	2	3	3	2	52	86

TC MX	86
TC USA	43

ACADEMIC
CALENDAR

School Calendar 2021-2022
Bachelor Degree Grounded Education
Registrar Office

Click Here

Week of year	Registration term	Beginning of academic term	Payment term or deadline	Days off / Deadlines	Ceremonies and institutional events	Ending of acadmic term	Week of the academic term

JULY 2021

	D	L	M	M	J	V	S
27					1	2	3
28	4	5	6	7	8	9	10
29	11	12	13	14	15	16	17
30	18	19	20	21	22	23	24
31	25	26	27	28	29	30	31

| 5 | | 6 | | 7 | | 8 | | VAC. |

PREREGISTRATION TERM FALL 2021	5 to 16
Faculty Evaluation Summer 2021	7 to 18
Payment deadline for the second part of tuition fees for summer 2021	16
Final Grades Recording Summer 2021	21 to 24
End of academic term Summer 2021	24
Summer 2021 institutional holidays	26 to 31

Proficency Exams Summer - Fall 2021	
Application and payment	19 to 23
Conduction of exams	20 to 3
Grades recording	20 to 4

AUGUST 2021

	D	L	M	M	J	V	S
32	1	2	3	4	5	6	7
33	8	9	10	11	12	13	14
34	15	16	17	18	19	20	21
35	22	23	24	25	26	27	28
	29	30	31				

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Back to office labors	2
Beggining of registration for freshmen Fall 2021	5
DEADLINE for prepayment for Fall 2021	5
Fall 2021 re-registration term	9 to 13
Orientation days for freshmen Fall 2021	12 & 13
Beguinning of Fall 2021 academic term	16
Solemn academic ceremony of the First Lecturship	16

Fall 2021 Academic Term

TERM FOR ADJUSTMENTS OF ACADEMIC SCHEDULES (only for registred students in the academic term)	
Deregistration of courses	20
Registration of additional courses (ONLY CHANCE)	23

SEPTEMBER 2021

	D	L	M	M	J	V	S
			1	2	3	4
37	5	6	7	8	9	10	11
38	12	13	14	15	16	17	18
39	19	20	21	22	23	24	25
	26	27	28	29	30		

| 3 | | 4 | | 5 | | 6 |

Fist midterm record of grades	6 to 12
Independence Day Institutional Festivity	9
Fist midterm record corrections of grades and absences Fall 2021	13 to 17
Day off National Holiday / Indepedence Day Aniversary	16
Payment deadline for the first part of tuition fees for Fall 2021	17

OCTOBER 2021

	D	L	M	M	J	V	S
						1	2
41	3	4	5	6	7	8	9
42	10	11	12	13	14	15	16
43	17	18	19	20	21	22	23
44	24	25	26	27	28	29	30
	31						

| 7 | | 8 | | 9 | | 10 | | 11 |

Solemn academic ceremony of "Cruz Forjada" award	1
DEADLINE to conduct professional exam for fall 2021 Graduation ceremony	9
Second midterm record of grades and absences Fall 2021	11 to 17
Survey of course offerings for Spring 2022	11 to 22
Payment deadline for the second part of tuition fees for Fall 2021	18
Second midterm record correction of grades and absences Fall 2021	18 to 22
DEADLINE for freshmen students to handout their documents	29

Time change/Winter time begins	31

NOVEMBER 2021

	D	L	M	M	J	V	S
		1	2	3	4	5	6
46	7	8	9	10	11	12	13
47	14	15	16	17	18	19	20
48	21	22	23	24	25	26	27
	28	29	30				

| 12 | | 13 | | 14 | | 15 |

Day off, traditional holiday/All Saints Holiday	2
Deregistration courses of Fall 2021, second and last chance	3
Faculty evaluation Fall 2021	8 to 21
Day off, national holiday/Anniversary of Mexican Revolution	15
Payment deadline for the third part of tuition fees for Fall 2021	16
Thirs midterm record of grades and absences Fall 2021	22 to 28

Faculty self evaluation and student self evaluation for Fall 2021	22 to 12
Solemn Academic Degree Ceremony	25 & 26
Third midterm correction of grades and absences Fall 2021	29 to 3
Tutor evaluation Fall 2021	29 to 5
PREINSCRIPCIÓN Primavera 2022	25 to 18

DECEMBER 2021

D	L	M	M	J	V	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Event	Date
DEADLINE for provisional of definitive withdrawals Fall 2021	2
Final grades recording Fall 2021	6 to 12
Christmas staff celebration	10
End of academic term Fall 2021	11
Day off, traditional holiday/Festivity of Our Lady of Guadalupe	12
Consultation of results of Faculty Evaluation Fall 2021	13
Payment deadline for the fourth part of tuition fees for Fall 2021	16

Winter institutional holidays	18 to 1
Prepayment for Spring 2022 / December 17, 2021 to January 6, 2022	

Proficiency Exams Fall 2021 - Spring 2022	
Application and payment	6 to 15
Conduction of exams	7 to 16
Grades recording	7 to 17

JANUARY 2022

D	L	M	M	J	V	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Event	Date
Back to office labors	3
DEADLINE for payment for Spring 2022	6
Beginning of registrarions for freshmen Spring 2021	6
Spring 2022 re-registrartion term	10 to 14
Orientation day for freshmen Spring 2022	14
Beginning of Spring 2022 academic term	17

Spring 2022 Academic Term

Term of adjustments of academic schedules (only for registred students of academic term)	
Deregistration of courses	21
Registration of aditional courses (ONLY CHANCE)	24

FEBRAURY 2022

D	L	M	M	J	V	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28					

Event	Date
Day off, national holiday/Anniversary of the Mexican Constitution	7
First midterm record of grades and absences Spring 2022	7 to 13
Fist midterm record correction of grades and absences Spring 2021	14 to 18
Payment deadline for the first part of tuition fees for Spring 2022	16
Survey of courses offerings for Summer and Fall 2022	28 to 11

MARCH 2022

D	L	M	M	J	V	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

Event	Date
Ash Wednesday	2
Solemn Academic Ceremony of "Cruz Forjada" award	4
Second mid term record of grades and absences Spring 2022	14 to 20
Payment deadline for the second part of tuition fees for Spring 2022	16
DEADLINE for freshmen students to handout their documents	18
Day off, national holiday/Anniversary of Benito Juárez´s Birthday	21
Second midterm record corrections of grades and absences Sprng 2022	21 to 25

APRIL 2022

D	L	M	M	J	V	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

Event	Date
Beginning of daylight saving time 2022	3
Deregistration courses of Spring 2022, second and last chance	5
DEADLINE to conduct Professional Exam for Graduation Ceremony	9
Week off, traditional holiday/Holy Week	11 to 16
Payment deadline for the third part of tuition fess for Spring 2022	18
Faculty Evaluation Spring 2022	18 to 1 mayo

MAY 2022

D	L	M	M	J	V	S	
1	2	3	4	**5**	6	**7**	15
8	9	10	11	12	13	14	16
15	**16**	17	18	19	20	**21**	17
22	23	24	25	**26**	**27**	28	R
29	**30**	31					1

19 20 21 22 23

Day off, national holiday/Labor Day	1
Third midterm record of grades and anbsences Spring 2022	2 to 8
Faculty self evaluation and student self evaluation for Spring 2022	2 to 22
Day off, state holiday/Battle of Puebla Anniversary	5
UPAEP 49th. Anniversary	7
Third midterm record corrections of grades and anbsences Spring 2022	9 to 13
Tutor Evaluation Spring 2022	9 to 15
DEADLINE for provisional or defintive withdrawals Spring 2022	12
Payment deadline for the fourth part of tuition fees for Spring 2022	16
Final grades recording Spring 2022	16 to 21

Summer 2022 Academic Term

Pre-payment Summer 2022	17 to 24
End of academic term Spring 2022	21
Consultation of results of Faculty Evaluation Spring 2022	23
Summer 2022 re-registration term	26 to 27
Solemn Academic Graduation Ceremony	26 & 27
Beginning of Summer 2022 academic term	30

Proficiency Exams Spring-Summer 2022	
Application and payment	16 to 20
Conduction of exams	17 to 23
Grades recording	17 to 24

JUNE 2022

D	L	M	M	J	V	S	
		1	2	3	4		2
5	6	7	8	9	10	11	3
12	13	14	15	**16**	17	18	4
19	20	21	22	23	24	25	5
26	27	28	29	30			

24 25 26 27

PRE-REGISTRATION for Fall 2022	13 al 24
Payment deadline for the first part of tuition fees for Summer 2022	16
Deregistration courses of Summer 2022, (ONLY CHANCE)	23
Midterm record of grades and absences Summer 2022	23 & 24

| Prepayment for Fall 2022/June 29 to August 4 |

JULY 2022

D	L	M	M	J	V	S	
					1	2	
3	4	5	6	7	8	9	6
10	11	12	13	14	15	16	7
17	**18**	19	20	21	22	**23**	8
24	**25**	**26**	**27**	**28**	**29**	**30**	VAC
31							

28 29 30 31

Faculty Evaluation Summer 2022	4 to 10
Tutor Evaluation Summer 2022	11 to 17
Faculty self evaluation and Student self evaluation Summer 2022	11 to 24
Payment deadline for the second part of tuition fees for Summer 2022	18
Final grades recording Summer 2022	20 to 23
End of academic term Summer 2022	23
Summer 2022 institutional holidays	25 to 30

Proficiency Exams Summer-Fall 2022	
Application and payment	18 to 22
Conduction of exams	19 to 2
Grades recording	19 to 3

AUGUST 2022

D	L	M	M	J	V	S	
	1	2	3	**4**	5	6	R
7	**8**	**9**	**10**	**11**	**12**	13	1
14	**15**	16	17	18	19	20	2
21	22	23	24	25	26	27	3
28	29	30	31				

32 33 34 35 36

Back to office labors	1
Consultation of results of Faculty Evaluation Summer 2022	1
Beginning of registration of freshmen Fall 2022	4
DEADLINE for prepayment for Fall 2022	4
Fall 2022 re-registration term	8 to 12
Orientation days for freshmen Fall 2022	11 to 12
Bginning of Fall 2022 academic term	15
Solemn Academic Ceremony of the Fist Lecturship	15

Fall 2022 Academic Term

TERM FOR ADJUSTMENTS OF ACADEMIC SCHEDULES (Only for registred students in the academic term)	
Deregistration of courses	19
Registration of aditional courses (ONLY CHANCE)	22

SEPTEMBER 2022

D	L	M	M	J	V	S	
				1	2	3	3
4	5	6	7	8	9	10	4
11	12	13	14	15	**16**	17	5
18	**19**	20	21	22	23	24	6
25	26	27	28	29	**30**		7

37 38 39 40

First midterm record of grades and absences Fall 2022	5 to 11
First midert record corrections of grades and absences Fall 2022	12 al 16
Day off, national holiday/Independence Day Anniversary	16
Payment deadline for the first part of tuition fees Fall 2022	19
Solemn academic ceremony of "Cruz Forjada" award	30

School Calendar 2021-2022
Bachelor Degree Semigrounded Education

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Registrar Office

Week of year	Registration term	Beguinning of academic term
Payment term or deadline	Days off/Deadlines	Ceremonies and institutional eventos
Ending of academic term	Week of the academic term	

JULY 2021

	D	L	M	M	J	V	S	
27					1	2	3	
28	4	5	6	7	8	9	10	1
29	11	12	13	14	15	16	17	2
30	18	19	20	21	22	23	24	3
31	25	26	27	28	29	30	31	4

BIMONTHLY AND QUARTERLY PROGRAMS

Term change	1
Registration and re-registration Summer 2021 B	5 to 10
Beginning of Summer 2021 B academic term	10
Payment deadline for the first part of the tuition fees for Summer 2021 B	20
Deregistrarion courses of Summer 2021 B (First Date) **The cost of a fine for each subject is covered.**	24
DEADLINE for freshmen students to handout their documents	24
Working on the "Blackboard" platform / Online supervision	26 al 31
Summer 2021 institutional holidays	26 to 31

Remedial Nursing Exams, Summer 2021 A

Application and payment	29 to 3
Conduction of exams	9
Grades recording	10 to 14

AUGUST 2021

	D	L	M	M	J	V	S	
32	1	2	3	4	5	6	7	5
33	8	9	10	11	12	13	14	6
34	15	16	17	18	19	20	21	7
35	22	23	24	25	26	27	28	
	29	30	31					

BIMONTHLY AND QUARTERLY PROGRAMS

Faculty Evaluation Summer 2021 B	2 to 8
Deregistrarion courses of Summer 2021 B (Second Date and DEADLINE) **The full const of the subject(s) is covered.**	14
Solemn Academic Ceremony of the First Lecture	16
Payment deadline for the second part of the tuition fees for Summer 2021 B	20
Final Grades recording Summer 2021 B	21 al 23
End of academic term Summer 2021 B	21
Term change	24
Registration and re-registration Fall 2021 A	24 al 29
Orientation day for freshmen	28

Proficiency Exams Summer 2021

Application and payment	2 to 7
Conduction of exams	9 to 14
Grades recording	16 to 21

36

SEPTEMBER 2021

	D	L	M	M	J	V	S	
				1	2	3	4	1
37	5	6	7	8	9	10	11	2
38	12	13	14	15	16	17	18	3
39	19	20	21	22	23	24	25	4
	26	27	28	29	30			

Fall 2021 Academic Term

BIMONTHLY AND QUARTERLY PROGRAMS

Beguinning of Fall 2021 A, academic term	4
Day off, national holiday/Independence Day Anniversary	16
Deregistrarion courses of Fall 2021 A (First Date) **The cost of a fine for each subject is covered.**	18
Payment deadline for the first part of the tuition fees for Fall 2021 A	20
Faculty Evaluation Fall 2021 A	27 to 3

Remedial Nursing Exams Summer 2021 B:

Application and payment	23 to 28
Conduction of exams	3
Grades recording	4 to 6

Proficiency Exams Fall 2021 A:

Application and payment	25 to 1
Conduction of exams	5 to 9
Grades recording	11 to 16

40

OCTOBER 2021

	D	L	M	M	J	V	S	
						1	2	5
41	3	4	5	6	7	8	9	6
42	10	11	12	13	14	15	16	7
43	17	18	19	20	21	22	23	
44	24	25	26	27	28	29	30	1
	31							

BIMONTHLY AND QUARTERLY PROGRAMS

Solemn Academic Ceremony of "Cruz Forjada" award	1
DEADLINE to conduct Professional Exam	9
Deregistrarion courses of Fall 2021 A (Second Date and DEADLINE) **The full const of the subject(s) is covered.**	9
Final Grades recording Fall 2021 A	16 al 18
End of academic term Fall 2021 A	16
Consultation of results of Faculty Evaluation Fall 2021 A	18
Term change	19
Payment deadline for the second part of the tuition fees for Fall 2021 A	20
Registration and Re-registration Fall 2021 B / Registration of courses	19 to 24
Beginning of Fall 2021 B Academic term	30
Time change / Winter Time 2021 begins	31

Remedial Nursing Exams Fall 2021 A:

Application and payment	19 to 22
Conduction of exams	26
Grades recording	27 to 29

APRIL 2022

D	L	M	M	J	V	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

BIMONTHLY AND QUARTERLY PROGRAMS

Time change / Summer Time 2022 begins	3
Faculty Evaluation Spring 2022 B	4 to 10
DEADLINE to conduct Professional Exam	9
Week off, traditional holiday/Holy Week	11 to 16
Payment deadline for the second part of the tuition fees for Spring 2022 B	20
Deregistrarion courses of Spring 2022 B (Second Date and DEADLINE)	23
The full const of the subject(s) is covered.	
End of academic term Spring 2022 B	30

Proficiency Exams Spring 2022 B:

Application and payment	4 to 8
Conduction of exams	19 to 23
Grades recording	25 to 29

MAY 2022

D	L	M	M	J	V	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

BIMONTHLY AND QUARTERLY PROGRAMS

Final Grades recording Spring 2022 B	30 to 2
Day off, national holiday/Labor day	1
Consultation of results of Faculty Evaluation Spring 2022 B	2
Term change	3
Day off, state holiday/Battle of Puebla Anniversary	5
UPAEP 49th. Anniversary	7
Registration and Re-registration Summer 2022 A / Registration of courses	3 to 8
Beginning of Summer 2022 A, academic term	14
Payment deadline for the first part of the tuition fees for Summer 2022 A	20
Deregistrarion courses of Summer 2022 A (First Date)	28
The cost of a fine for each subject is covered.	

Summer 2022 Academic Term

Remedial Nursing Exams Spring 2022 B:

Application and payment	2 to 7
Conduction of exams	13
Grades recording	14 to 18

Solemn Academic Graduation Ceremony	26 & 27

JUNE 2022

D	L	M	M	J	V	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

BIMONTHLY AND QUARTERLY PROGRAMS

Faculty Evaluation Summer 2022 A	6 to 12
Deregistrarion courses of Summer 2022 A (Second Date and DEADLINE)	18
The full const of the subject(s) is covered.	
Payment deadline for the second part of the tuition fees for Summer 2022 A	20
Final Grades recording Summer 2022 A	25 to 27
End of academic term Summer 2022 A	25
Consultation of results of Faculty Evaluation Summer 2022 A	27
Term change	28
Registration and Re-registration Summer 2022 B	28 to 3

Proficiency Exams Summer 2022 A:

Application and payment	6 to 10
Conduction of exams	14 to 18
Grades recording	20 to 25

JULY 2022

D	L	M	M	J	V	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

BIMONTHLY AND QUARTERLY PROGRAMS

Beginning of Summer 2022 B, academic term	9
Payment deadline for the first part of the tuition fees for Summer 2022 B	20
Deregistrarion courses of Summer 2022 B (First Date)	23
The cost of a fine for each subject is covered.	
DEADLINE for freshmen students to handout their documents	23
Working on the "Blackboard" platform / Online supervision	25 to1 30
Summer 2022 institutional holydays	25 to 30

Remedial Nursing Exams Summer 2022 A:

Application and payment	28 to 2
Conduction of exams	8
Grades recording	9 to 13

AUGUST 2022

D	L	M	M	J	V	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

BIMONTHLY AND QUARTERLY PROGRAMS

Faculty Evaluation Summer 2022 B	1 to 7
Deregistrarion courses of Summer 2022 B (Second Date and DEADLINE)	13
The full const of the subject(s) is covered.	
Solemn academic ceremony of the Frist Lecture	15
Payment deadline for the second part of the tuition fees for Summer 2022 B	20
Final Grades recording Summer 2022 B	20 to 22
End of academic term Summer 2022 B	20
Consultation of results of Faculty Evaluation Summer 2022 B	22
Term change	23
Registration and Re-registration Fall 2022 A	23 to 28
Orientation day for freshmen Fall 2022 A	27

Proficiency Exams Summer 2022 B:

Application and payment	1 to 6
Conduction of exams	9 to 13
Grades recording	15 to 20

SEPTEMBER 2022

D	L	M	M	J	V	S
			1	2	3	
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

BIMONTHLY AND QUARTERLY PROGRAMS

Beginning of Fall 2022 A, academic term	3
Day off, national holiday/Independence Day Anniversary	16
Deregistrarion courses of Fall 2022 A (First Date)	17
The cost of a fine for each subject is covered.	
Payment deadline for the first part of the tuition fees for Fall 2022 A	20
Faculty Evaluation Fall 2022 A	26 to 2
Solemn academic ceremony of "Cruz Forjada" award	30

Fall 2022 Academic Term

Remedial Nursing Exams Summer 2022 B:

Application and payment	22 to 27
Conduction of exams	2
Grades recording	3 to 5

School Calendar 2021-2022
Bachelor Degree Online Education
Registrar Office

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Week of year	Registration Term	Beginning academic term	Payment term or deadline	Days off/Deadlines	Ceremonies and institutional events	Ending of academic term	Week of the academic term

JULY 2021

	D	L	M	M	J	V	S	
27				1	2	3		R
28	4	5	6	7	8	9	10	1
29	11	12	13	14	15	16	17	2
30	18	19	20	21	22	23	24	3
31	25	26	27	28	29	30	31	4

Event	Date
Term change	1
Re-registration Summer 2021 B	1 to 5
Beginning of Summer 2021 B academic term	5
Registration and Deregristation courses Summer 2021 B	6 to 19
Payment deadline for the first part of the tuition fees for Summer 2021 B	16
DEADLINE Deregistration courses Summer 2021 B no charge	25
Working on the "Blackboard" platform / Online supervision	26 to 31

Summer 2021 institutional holidays / administrative collaborators	26 to 31

AUGUST 2021

	D	L	M	M	J	V	S	
32	1	2	3	4	5	6	7	5
33	8	9	10	11	12	13	14	6
34	15	16	17	18	19	20	21	7
35	22	23	24	25	26	27	28	R
36	29	30	31					1

Event	Date
Back to office labors	2
Faculty Evaluation Summer 2021 B	9 to 15
DEADLINE for freshmen students to handout their documents	14
Payment deadline for the second part of the tuition fees for Summer 2021 B	16
DEADLINE Deregistration courses Summer 2021 B	19
Final Grades recording Summer 2021 B	21 to 25
End of academic term Summer 2021 B	22

Fall 2021 Academic Term

Event	Date
Registration Fall 2021 A	23 to 30
Re-registration Fall 2021 A	26 to 30
Term change	26
Beginning of Fall 2021 A, academic term	30
Registration and Deregristation courses Fall 2021 A	31 to 13

SEPTEMBER 2021

	D	L	M	M	J	V	S	
				1	2	3	4	
37	5	6	7	8	9	10	11	2
38	12	13	14	15	16	17	18	3
39	19	20	21	22	23	24	25	4
	26	27	28	29	30			

Event	Date
Day off, national holiday/Independene Day Anniversary	16
Payment deadline for the first part of the tuition fees for Fall 2021 A	17
DEADLINE Deregistration courses Fall 2021 A no charge	19
Faculty Evaluation Fall 2021 A	27 to 3

OCTOBER 2021

	D	L	M	M	J	V	S	
					1	2		5
41	3	4	5	6	7	8	9	6
42	10	11	12	13	14	15	16	7
43	17	18	19	20	21	22	23	R
44	24	25	26	27	28	29	30	1
	31							

Event	Date
Solemn academic ceremony of "Cruz Forjada" award	1
DEADLINE to conduct Professional Exam for Academic Graduation Ceremony	9
DEADLINE Deregistration courses Fall 2021 A	14
Final Grades recording Fall 2021 A	16 to 20
End of academic term Fall 2021 A	17
Payment deadline for the second part of the tuition fees for Fall 2021 A	18
Consultation of results of Faculty Evaluation Fall 2021 A	18

Event	Date
Registration Fall 2021 B	19 to 25
Re-registration Fall 2021 B	21 to 25
Term change	21
Beginning of Fall 2021 B, academic term	25
Registration and Deregristation courses Fall 2021 B	26 to 8
Time change / Winter Time 2021 begins	31

NOVEMBER 2021

	D	L	M	M	J	V	S	
		1	2	3	4	5	6	2
46	7	8	9	10	11	12	13	3
47	14	15	16	17	18	19	20	4
48	21	22	23	24	25	26	27	5
	28	29	30					

Event	Date
Day off, traditional holiday/All Saints Holiday	2
DEADLINE Deregistration courses Fall 2021 B no charge	14
Day off, national holiday/Anniversary of the Mexican Revolution	15
Payment deadline for the third part of the tuition fees for Fall 2021	16
Faculty Evaluation Fall 2021 B	22 to 28

Solemn Academic Graduation Ceremony	25 to 26

DECEMBER 2021

D	L	M	M	J	V	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Week numbers: 49, 50, 51, 52

Event	Date
DEADLINE for freshmen students to handout their documents	4
DEADLINE Deregistration courses Fall 2021 B	9
Christmas staff celebration	10
Feast of Our Lady of Guadalupe	12
Payment deadline for the fourth part of the tuition fees for Fall 2021	16
Final Grades recording Fall 2021 B	11 to 15
End of academic term Fall 2021 B	12
Consultation of results of Faculty Evaluation Fall 2021 B	13
Term change	17
Winter institutional holidays/Days off	18 to 1

JANUARY 2022

D	L	M	M	J	V	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Week numbers: 1, 2, 3, 4, 5

Spring 2022 Academic Term

Event	Date
Back to office labors	3
Registration Spring 2022 A	4 to 10
Re-registration Spring 2022 A	6 to 10
Beginning of Spring 2022 A, academic term	10
Registration and Deregristation courses Spring 2022 A	11 to 24
Payment deadline for the first part of the tuition fees for Spring 2022 A	17
DEADLINE Deregistration courses Spring 2022 A no charge	30

FEBRUARY 2022

D	L	M	M	J	V	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28					

Week numbers: 6, 7, 8, 9

Event	Date
Day off, national holiday/Anniversary of Mexican Constitution	7
Faculty Evaluation Spring 2022 A	7 to 13
Payment deadline for the second part of the tuition fees for Spring 2022 A	16
DEADLINE Deregistration courses Spring 2022 A	24
Final Grades recording Spring 2022 A	26 to 2
End of academic term Spring 2022 A	27
Consultation of results of Faculty Evaluation Spring 2022 A	28

MARCH 2022

D	L	M	M	J	V	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

Week numbers: 10, 11, 12, 13

Event	Date
Registration Spring 2022 B	1 to 7
Re-registration Spring 2022 B	3 to 7
Term change	3
Solemn academic ceremony of "Cruz Forjada" award	4
Beginning of Spring 2022 B, academic term	7
Registration and Deregristation courses Spring 2022 B	8 to 21
Payment deadline for the first part of the tuition fees for Spring 2022 B	16
Day off, national holiday/Anniversary of Benito Juarez's Birthday	21

APRIL 2022

D	L	M	M	J	V	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

Week numbers: 14, 15, 16, 17, 18

Event	Date
DEADLINE Deregistration courses Spring 2022 B no charge	3
Time change / Summer Time 2022 begins	3
DEADLINE to conduct Professional Exam for Academic Graduation Ceremony	9
Week off, traditional holiday/Holy Week	11 to 16
Payment deadline for the third part of the tuition fees for Spring 2022 B	18
Faculty Evaluation Spring 2022 B	4 to 10
DEADLINE for freshmen students to handout their documents	23
DEADLINE Deregistration courses Spring 2022 B	28
Final Grades recording Spring 2022 B	30 to 4

MAY 2022

D	L	M	M	J	V	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Week numbers: 19, 20, 21, 22

Summer 2022 Academic Term

Event	Date
Day off, national holiday/Labor day	1
End of academic term Spring 2022 B	1
Consultation of results of Faculty Evaluation Spring 2022 B	2
Registration Summer 2022 A	3 to 9
Day off, state holiday/Battle of Puebla Anniversary	5
Re-registration Summer 2022 A	5 to 9
Term change	5
UPAEP 49th. Anniversary	7
Beginning of Summer 2022 A, academic term	9
Registration and Deregristation courses Summer 2022 A	10 to 23
Payment deadline for the first part of the tuition fees for Summer 2022 A	16
Solemn Academic Graduation Ceremony	26 & 27
DEADLINE Deregistration courses Summer 2022 A no charge	29

JUNE 2022

D	L	M	M	J	V	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

Event	Date
Faculty Evaluation Summer 2022 A	6 to 12
Payment deadline for the second part of the tuition fees for Summer 2022 A	16
DEADLINE Deregistration courses Summer 2022 A	23
Final Grades recording Summer 2022 A	25 to 29
End of academic term Summer 2022 A	26
Consultation of results of Faculty Evaluation Summer 2022 A	27
Registration Summer 2022 B	27 to 4
Term change	30
Re-registration Summer 2022 B	30 to 4

JULY 2022

D	L	M	M	J	V	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

Event	Date
Beginning of Summer 2022 B, academic term	4
Registration and Deregristation courses Summer 2022 B	5 to 18
Payment deadline for the first part of the tuition fees for Summer 2022 B	18
DEADLINE Deregistration courses Summer 2022 B no charge	24
Working on the "Blackboard" platform / Online supervision	25 to 30
Winter institutional holidays/Administrative collaborators	25 to 30

AUGUST 2022

D	L	M	M	J	V	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

Event	Date
Back to office labors	1
Faculty Evaluation Summer 2022 B	1 to 7
DEADLINE for freshmen students to handout their documents	13
Payment deadline for the second part of the tuition fees for Summer 2022 B	16
DEADLINE Deregistration courses Summer 2022 B	18
Final Grades recording Summer 2022 B	20 to 24
End of academic term Summer 2022 B	21

Fall 2022 Academic Period

Event	Date
Consultation of results of Faculty Evaluation Summer 2022 B	22
Registration Fall 2022 A	22 to 29
Re-registration Fall 2022 A	25 to 29
Term change	25
Beginning of Fall 2022 A, academic term	29
Registration and Deregristation courses Fall 2022 A	30 to 12

SEPTEMBER 2022

D	L	M	M	J	V	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

Event	Date
Day off, national holiday/Independence Day Anniversary	16
DEADLINE Deregistration courses Fall 2022 A no charge	18
Payment deadline for the first part of the tuition fees for Fall 2022 A	19
Faculty Evaluation Fall 2022 A	26 to 2
Solemn Academic Ceremony of "Cruz Forjada" award	30

School Calendar 2021-2022
Medical Specialties
Registrar Office

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Weef of year	Registration Term	Beginning of academic term	Payment term or deadline	Days off/Deadlines

Cerremonies and institutional events	Ending of academic term	Week of the academic term

JULY 2021

	D	L	M	M	J	V	S	
27					1	2	3	21
28	4	5	6	7	8	9	10	22
29	11	12	13	14	15	16	17	
30	18	19	20	21	22	23	24	R
31	25	26	27	28	29	30	31	VAC.

DEADLINE for provisional or defnitive withdrawals Spring 2021	8
End of academic term Spring 2021	9
Final Grades recording Spring 2021/Printing and signing of report cards	13 to 20
Re-registration Fall 2021	22 to 6
Summer 2021 institutional holidays	26 to 31

AUGUST 2021

	D	L	M	M	J	V	S	
32	1	2	3	4	5	6	7	R
33	8	9	10	11	12	13	14	1
34	15	16	17	18	19	20	21	2
35	22	23	24	25	26	27	28	3
	29	30	31					
36								4

Fall 2021 Academic Term

Back to office labors	2
Beginning of Fall 2021 Academic term	9
Start of specialty exams submission / Spring 2021 graduates	17

SEPTEMBER 2021

	D	L	M	M	J	V	S	
				1	2	3	4	
37	5	6	7	8	9	10	11	5
38	12	13	14	15	16	17	18	6
39	19	20	21	22	23	24	25	7
	26	27	28	29	30			

Registration and Re-registration Fall 2021 / Registration of courses	3 to 6
Day off, national holiday/Independence Day Anniversary	16

40

OCTOBER 2021

D	L	M	M	J	V	S
					1	2

41

3	4	5	6	7	8	9

42

10	11	12	13	14	15	16	1

43

17	18	19	20	21	22	23

44

24	25	26	27	28	29	30

31

45

NOVEMBER 2021

D	L	M	M	J	V	S
	1	2	3	4	5	6

46

7	8	9	10	11	12	13

47

14	15	16	17	18	19	20

48

21	22	23	24	25	26	27

28	29	30

49

DECEMBER 2021

D	L	M	M	J	V	S
			1	2	3	4

50

5	6	7	8	9	10	11

51

12	13	14	15	16	17	18

52

19	20	21	22	23	24	25

26	27	28	29	30	31

1

JANUARY 2022

D	L	M	M	J	V	S
						1

2

2	3	4	5	6	7	8

3

9	10	11	12	13	14	15	1

4

16	17	18	19	20	21	22

5

23	24	25	26	27	28	29

30	31

8

9 DEADLINE to conduct Professional Exam for Graduation Ceremony — **9**

Time change / Winter Time 2021 begins — **31**

10

11

12

13

Day off, traditional holiday/All Saints Holiday — **2**

DEADLINE for freshmen students to handout their documents — 5

14 Day off, national holiday/Anniversary of the Mexican Revolution — **15**

15 Solemn Academic Graduation Ceremony — **25 & 26**

16

17

Christmas staff celebration — **10**

18 Feast of Our Lady of Guadalupe — **12**

19 Winter institutional holidays — **18 to 1**

20 Faculty Evaluation Fall 2021 — 20 to 2

21

Spring 2022 Academic Term

Back to office labors — 3

Faculty self evaluation and student self evaluation Fall 2021 — 3 to 7

DEADLINE for provisional or defnitive withdrawals Fall 2021 — 4

22 End of academic term Fall 2021 — 7

Consultation of results of Faculty Evaluation Fall 2021 — 10

Final Grades recording Fall 2021/Printing and signing of report cards — 11 to 18

R Start of specialty exams submission / Fall 2021 graduates — 20

Re.registration Spring 2022 — 20 to 28

Beginning of Spring 2022 Academic term — 31

FEBRUARY 2022

D	L	M	M	J	V	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28					

MARCH 2022

D	L	M	M	J	V	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

APRIL 2022

D	L	M	M	J	V	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

MAY 2022

D	L	M	M	J	V	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Day off, national holiday/Anniversary of Mexican Constitution — 7

Start of specialty exams submission / Fall 2021 graduates — 11

Ash Wednesday — 2

Day off, national holiday/Anniversary of Benito Juarez´s Birthday — 21

Time change / Summer Time 2022 begins — 3

Registration second chance Spring 2022 — 4 to 8

DEADLINE to conduct Professional Exam for Graduation Ceremony — 9

Week off, traditional holiday/Holy Week — 11 to 16

DEADLINE for freshmen students to handout their documents — 22

Day off, national holiday/Labor day — 1

Day off, state holiday/Battle of Puebla Anniversary — 5

UPAEP 49th. Anniversary — 7

Solemn Academic Graduation Ceremony — 26 & 27

23

JUNE 2022

D	L	M	M	J	V	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

24
25
26

17

Faculty Evaluation Spring 2022 — 20 to 3

18
19
20

27

JULY 2022

D	L	M	M	J	V	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

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29
30
31

21

Faculty self evaluation and student self evaluation Spring 2022 — 4 to 8
DEADLINE for provisional or defnitive withdrawals Spring 2022 — 7
End of academic term Spring 2022 — 8
Consultation of results of Faculty Evaluation Spring 2022 — 11
Final Grades recording Spring 2022/Printing and signing of report cards — 12 to 19
Re-registratin Fall 2022 — 21 to 5
Summer 2022 institutional holidays — 25 to 30

22
R
VAC

32

AUGUST 2022

D	L	M	M	J	V	S
	1	2	3	3	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

33
34
35

Fall 2022 Academic Term

R
1
2
3

Back to office labors — 1
Beginning of Fall 2022 Academic term — 8
Start of specialty exams submission / Spring 2022 graduates — 16

36

SEPTEMBER 2022

D	L	M	M	J	V	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

37
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7
8

Registration and Re-registration Fall 2022 / Registration of courses — 2 to 5
Day off, national holiday/Independence Day Anniversary — 16

School Calendar 2021-2022
Quarterly postgraduate Programs

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Tehuacan Campus
Registrar Office

Week of year	Registration term	Beginning of academic	Payment term or deadline	Days off/Deadlines	Ceremonies and institutional events	Endingf of academics	Week of the academic term

JULY 2021

	D	L	M	M	J	V	S	
27					1	2	3	
28	4	5	6	7	8	9	10	1
29	11	12	13	14	15	16	17	2
30	18	19	20	21	22	23	24	3
31	25	26	27	28	29	30	31	VAC

Payment deadlne of the third part of tuition fees for Summer 2021	1
Beginning of Fall 2021 Academic term	5
Re-registration for Fall 2021	5 to 10
Proficiency Exams Fall 2021	5 to 10
Proficency Exams Grades Recording Fall 2021	13 & 14
Registration and Re-registration Fall 2021 / Registration of courses	15 to 20

Fall 2021 Academic Term

Summer 2021 institutional holidays	26 to 31

AUGUST 2021

	D	L	M	M	J	V	S	
32	1	2	3	4	5	6	7	4
33	8	9	10	11	12	13	14	5
34	15	16	17	18	19	20	21	6
35	22	23	24	25	26	27	28	7
	29	30	31					

Back to office labors	2
Payment deadlne of the first part of tuition fees for Fall 2021	16

SEPTEMBER 2021

	D	L	M	M	J	V	S	
36				1	2	3	4	8
37	5	6	7	8	9	10	11	9
38	12	13	14	15	16	17	18	10
39	19	20	21	22	23	24	25	11
	26	27	28	29	30			

DEADLINE for freshmen students to handout their documents	3
Faculty Evaluation Fall 2021	6 to 12
Faculty self evaluation and student self evaluation Fall 2021	13 to 25
Day off, national holiday/Independence Day Anniversary	16
Payment deadlne of the second part of tuition fees for Fall 2021	17
DEADLINE for provisional or defnitive withdrawals Fall 2021	23
End of academic term Fall 2021	25

Final Grades recording Fall 2021	25 to 29
Consultation of results of Faculty Evaluation Fall 2021	27

OCTOBER 2021

	D	L	M	M	J	V	S	
					1	2		
41	3	4	5	6	7	8	9	1
42	10	11	12	13	14	15	16	2
43	17	18	19	20	21	22	23	3
44	24	25	26	27	28	29	30	4
	31							

Payment deadlne of the Third part of tuition fees for Fall 2021	1
Beginning of Winter 2021, academic term	4
Re-registration Winter 2021	4 to 9
Proficency Exams Fall 2021	4 to 9
DEADLINE to conduct Professional Exam for Graduation Ceremony	9
Proficency Exams Grades Recording Winter 2021	12 & 13
Registration and Re-registration Winter 2021 / Registration of courses	14 to 19

Winter 2021 Academic Term

Time change / Winter Time 2021 begins	31

NOVEMBER 2021

	D	L	M	M	J	V	S	
45		1	2	3	4	5	6	5
46	7	8	9	10	11	12	13	6
47	14	15	16	17	18	19	20	7
48	21	22	23	24	25	26	27	8
	28	29	30					

Day off, traditional holiday/All Saints Holiday	2
Day off, national holiday/Anniversary of the Mexican Revolution	15
Payment deadline of the first part of tuition fees for Winter 2021	16
Solemn Academic Graduation Ceremony	25 & 26
DEADLINE for freshmen students to handout their documents	26
Faculty Evaluation Winter 2021	29 to 5

49

DECEMBER 2021

D	L	M	M	J	V	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

50 **51** **52**

9 **10** **11** **VAC.**

Event	Date
Christmas staff celebration	10
Feast of Our Lady of Guadalupe	12
Payment deadline of the second part of tuition fees for Winter 2021	16
DEADLINE for provisional or definitive withdrawals Winter 2021	16
End of academic term Winter 2021	17
Faculty self evaluation and student self evaluation Winter 2021	6 to 17

Event	Date
Final Grades recording Winter 2021	17 to 4
Winter institutional holidays	18 to 1

1

JANUARY 2022

D	L	M	M	J	V	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

2 **3** **4** **5**

1 **2** **3**

Event	Date
Back to office labors	3
Consultation of results of Faculty Evaluation Winter 2021	3
	5
Re-registration Spring 2022	10 to 15
Proficency Exams Spring 2022	10 to 15
Beginning of Spring 2022, academic term	10
Proficency Exams Grades Recording Spring 2022	18 & 19
Registration and Re-registration Spring 2022 / Registration of courses	20 to 25

Spring 2022 Academic Term

6

FEBRUARY 2022

D	L	M	M	J	V	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28					

7 **8** **9**

A **5** **6** **7**

Event	Date
Day off, national holiday/Anniversary of Mexican Constitution	7
Payment deadline of the first part of tuition fees for Spring 2022	16

10

MARCH 2022

D	L	M	M	J	V	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

11 **12** **13**

8 **9** **10** **11**

Event	Date
Ash Wednesday	2
DEADLINE for freshmen students to handout their documents	4
Faculty Evaluation Spring 2022	7 to 13
Faculty self evaluation and student self evaluation Spring 2022	14 to 26
Payment deadline of the second part of tuition fees for Spring 2022	16
Day off, national holiday/Anniversary of Benito Juarez's Birthday	21
DEADLINE for provisional or definitive withdrawals Spring 2022	24

Event	Date
End of academic term Spring 2022	26
Final Grades recording Spring 2022	26 to 30
Consultation of results of Faculty Evaluation Spring 2022	28

14

APRIL 2022

D	L	M	M	J	V	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

15 **16** **17** **18**

1 **S.S.** **2** **3**

Event	Date
Payment deadline of the third part of tuition fees for Spring 2022	1
Time change / Summer Time 2022 begins	3
DEADLINE to conduct Professional Exam for Graduation Ceremony	9
Week off, traditional holiday/Holy Week	11 to 16
Beginning of Summer 2022 Academic term	4
Re-registration Summer 2022	4 to 9
Proficency Exams Summer 2022	4 to 9

Summer 2022 Academic Term

Event	Date
Proficency Exams Grades Recording Summer 2022	19 & 20
Registration and Re-registration Summer 2022 / Registration of courses	21 to 26

MAY 2022

L	M	M	J	V	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

19 **20** **21** **22**

4 **5** **6** **7**

Event	Date
Day off, national holiday/Labor day	1
Day off, state holiday/Battle of Puebla Anniversary	5
UPAEP 49th. Anniversary	7
Payment deadline of the first part of tuition fees for Summer 2022	16
Solemn Academic Graduation Ceremony	26 & 27

MAY 2022

	L	M	M	J	V	S
19	1	2	3	4	5	6	7
20	8	9	10	11	12	13	14
21	15	16	17	18	19	20	21
22	22	23	24	25	26	27	28
	29	30	31				

Day off, national holiday/Labor day	1
Day off, state holiday/Battle of Puebla Anniversary	5
UPAEP 49th. Anniversary	7
Payment deadlne of the first part of tuition fees for Summer 2022	16
Solemn Academic Graduation Ceremony	26 & 27

JUNE 2022

	D	L	M	M	J	V	S
23				1	2	3	4
24	5	6	7	8	9	10	11
25	12	13	14	15	16	17	18
26	19	20	21	22	23	24	25
	26	27	28	29	30		

DEADLINE for freshmen students to handout their documents	3		
Faculty Evaluation Summer 2022	6 to 12	Consultation of results of Faculty Evaluation Summer 2022	27
Faculty self evaluation and student self evaluation Summer 2022	13 to 25		
Payment deadlne of the second part of tuition fees for Summer 2022	16		
DEADLINE for provisional or defnitive withdrawals Summer 2022	23		
End of academic term Summer 2022	25		
Final Grades recording Summer 2022	25 to 29		

JULY 2022

	D	L	M	M	J	V	S
27						1	2
28	3	4	5	6	7	8	9
29	10	11	12	13	14	15	16
30	17	18	19	20	21	22	23
31	24	25	26	27	28	29	30
	31						

Fall 2022 Academic Term

Payment deadlne of the third part of tuition fees for Summer 2022	1
Beginning of Fall 2022, academic term	4
Re-registration Fall 2022	4 to 9
Proficency Exams Fall 2022	4 to 9
Proficency Exams Grades Recording Fall 2022	12 & 13
Registration and Re-registration Fall 2022 / Registration of courses	14 to 19
Summer 2022 institutional holydays	25 to 30

AUGUST 2022

	D	L	M	M	J	V	S
		1	2	3	4	5	6
33	7	8	9	10	11	12	13
34	14	15	16	17	18	19	20
35	21	22	23	24	25	26	27
	28	29	30	31			

Back to office labors	1
Payment deadline of the first part of tuition fees for Fall 2022	16

SEPTEMBER 2022

	D	L	M	M	J	V	S
36					1	2	3
37	4	5	6	7	8	9	10
38	11	12	13	14	15	16	17
39	18	19	20	21	22	23	24
40	25	26	27	28	29	30	

DEADLINE for freshmen students to handout their documents	2		
Faculty Evaluation Fall 2022	5 to 11		
Day off, national holiday/Independence Day Anniversary	16	Faculty self evaluation and student self evaluation Fall 2022	12 to 24
Payment deadlne of the second part of tuition fees for Fall 2022	19	Consultation of results of Faculty Evaluation Fall 2022	26
DEADLINE for provisional or defnitive withdrawals Fall 2022	22		
End of academic term Fall 2022	24		
Final Grades recording Fall 2022	24 to 28		

School Calendar 2021-2022
Four-month postgraduate programs

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Week of year	Registration Terms	IBeginning of academic term	Payment term or deadline	Days off/Deadlines	Ceremonie and institutional events	Ending of academic term	Week of the academic term

JULY 2021

	D	L	M	M	J	V	S	
27					1	2	3	5
28	4	5	6	7	8	9	10	6
29	11	12	13	14	15	**16**	17	7
30	18	19	20	21	22	23	**24**	8
31	25	**26**	**27**	**28**	**29**	**30**	**31**	VAC.

Faculty Evaluation Summer 2021		5 to 10
Payment deadlne of the second part of tuition fees for Summer 2021		**16**
Prepayment Fall 2021 /July 20 - August 5		
DEADLINE for provisional or defnitive withdrawals Summer 2021		22
Final Grades recording Summer 2021/Printing and signing of report cards		24 to 5
End of academic term Summer 2021		**24**
Summer 2021 institutional holidays		**26 to 31**

AUGUST 2021

	D	L	M	M	J	V	S	
32	1	2	3	4	5	6	7	R
33	8	**9**	**10**	**11**	**12**	**13**	14	1
34	15	**16**	17	18	19	20	21	2
35	22	23	24	25	26	27	28	
	29	30	31					3

Fall 2021 Academic Term

Back to office labor		2
DEADLINE Prepayment for Fall 2021		5
Re-registration Fall 2021		9 to 13
Application of proficiency examinations Fall 2021		9 to 13
Beginning of Fall 2021 Academic Term		**16**
Proficency Exams Grades Recording Fall 2021		17 & 18
Registration and Re-registration Fall 2021 / Registration of courses		20 to 25

SEPTEMBER 2021

	D	L	M	M	J	V	S	
36				1	2	3	4	3
37	5	6	7	8	9	10	11	4
38	12	13	14	15	**16**	**17**	18	5
39	19	20	21	22	23	24	25	6
	26	27	28	29	30			

Day off, national holiday/Independence Day Anniversary		**16**
Payment deadlne of the first part of tuition fees for Fall 2021		**17**

OCTOBER 2021

	D	L	M	M	J	V	S	
40						1	2	7
41	3	4	5	6	7	8	**9**	8
42	10	11	12	13	14	15	16	1 / 9
43	17	**18**	19	20	21	22	23	10
44	24	25	26	27	28	29	30	11
	31							

DEADLINE to conduct Professional Exam for Graduation Ceremony		**9**
UPAEP 360° Vocational experience		15 & 16
Payment deadlne of the second part of tuition fees for Fall 2021		**18**
DEADLINE for freshmen students to handout their documents		30
Time change / Winter Time 2021 begins		**31**

NOVEMBER 2021

	D	L	M	M	J	V	S	
45		1	**2**	3	4	5	6	12
46	7	8	9	10	11	12	13	13
47	14	**15**	**16**	17	18	19	20	14
48	21	22	23	24	**25**	**26**	27	15
	28	29	30					

Day off, traditional holiday/All Saints Holiday		**2**
Day off, national holiday/Anniversary of the Mexican Revolution		**15**
Payment deadlne of the third part of tuition fees for Fall 2021		**16**
Faculty Evaluation Fall 2021		15 to 21
Faculty self evaluation and student self evaluation Fall 2021		22 to 4
Solemn Academic Graduation Ceremony		**25 to 26**

DECEMBER 2021

D	L	M	M	J	V	S
			1	2	3	4
5	6	7	8	9	10	
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

49 · 50 · 51 · 52 · 16 · VAC.

DEADLINE for provisional or defnitive withdrawals Fall 2021	2
End of academic term Fall 2021	4
Consultation of results of Faculty Evaluation Fall 2021	6
Final Grades recording Fall 2021	6 to 12
Christmas staff celebration	10
Feast of Our Lady of Guadalupe	12

Payment deadine of the fourth part of tuition fees for Fall 2021	16
Prepayment Spring 2022 / December 15 2021 to January 6 2022	
Winter institutional holidays	18 to 1

JANUARY 2022

D	L	M	M	J	V	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

1 · 2 · 3 · 4 · 5 · 1 · R · 1 · 2

Back to office labors	3
DEADLINE Prepayment for Spring 2022	6
Re-registration Spring 2022	10 to 15
Application of proficiency examinations Spring 2022	10 to 15
Beginning of Spring 2022 Academic Term	17

Spring 2022 Academic Term

Proficency Exams Grades Recording Spring 2022	20 & 21
Registration and Re-registration Spring 2022 / Registration of courses	21 to 26

FEBRUARY 2022

D	L	M	M	J	V	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28					

6 · 7 · 8 · 9 · 3 · 4 · 5 · 6

Day off, national holiday/Anniversary of Mexican Constitution	7
Payment deadine of the first part of tuition fees for Sprig 2022	16

MARCH 2022

D	L	M	M	J	V	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

10 · 11 · 12 · 13 · 7 · 8 · 9 · 10

Payment deadine of the second part of tuition fees for Sprig 2022	16
Day off, national holiday/Anniversary of Benito Juarez´s Birthday	21
DEADLINE for freshmen students to handout their documents	25

APRIL 2022

D	L	M	M	J	V	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

14 · 15 · 16 · 17 · 18 · 11 · 12 · S.S. · 13 · 14

Time change / Summer Time 2022 begins	3
DEADLINE to conduct Professional Exam for Graduation Ceremony	9
Week off, traditional holiday/Holy Week	11 to 16
Payment deadine of the third part of tuition fees for Sprig 2022	18
Faculty Evaluation Spring 2022	25 to 1

MAY 2022

	D	L	M	M	J	V	S	
19	1	2	3	4	5	6	7	15
20	8	9	10	11	12	13	14	16
21	15	16	17	18	19	20	21	
22	22	23	24	25	26	27	28	R
	29	30	31					
23								1

Day off, national holiday/Labor day	1	
Faculty self evaluation and student self evaluation Spring 2022	2 to 14	
Day off, state holiday/Battle of Puebla Anniversary	5	
UPAEP 49th. Anniversary	7	
DEADLINE for provisional or defnitive withdrawals Spring 2022	12	
End of academic term Spring 2022	14	
Final Grades recording Spring 2022	14 to 21	
Payment deadlne of the fourth part of tuition fees for Sprig 2022	16	

Summer 2022 Academic Term

Consultation of results of Faculty Evaluation Spring 2022	16
Prepayment Summer 2022	19 to 24
Solemn Academic Graduation Ceremony	26 & 27
Re-registration Summer 2022 / Registration of courses	26 to 30
Application of proficiency examinations Summer 2022	26 to 30
Beginning of Summer 2022 Academic Term	30
Proficency Exams Grades Recording Summer 2022	31 & 1

JUNE 2022

	D	L	M	M	J	V	S	
				1	2	3	4	
24	5	6	7	8	9	10	11	2
25	12	13	14	15	16	17	18	3
26	19	20	21	22	23	24	25	4
	26	27	28	29	30			

Registration and Deregistration Summer 2022 / Registration of courses	2 & 3	
Payment deadline of the first part of tuition fees for Summer 2022	16	

JULY 2022

	D	L	M	M	J	V	S	
						1	2	5
28	3	4	5	6	7	8	9	6
29	10	11	12	13	14	15	16	7
30	17	18	19	20	21	22	23	8
31	24	25	26	27	28	29	30	VAC
	31							

Faculty Evaluation Summer 2022	4 to 10	
Faculty self evaluation and student self evaluation Summer 2022	11 to 23	
Payment deadline of the second part of tuition fees for Summer 2022	18	
Prepayment Fall 2022 / julio 19 to august 4		
DEADLINE for provisional or defnitive withdrawals Summer 2022	21	
End of academic term Summer 2022	23	
Final Grades recording Summer 2022	23 to 4	
Summer 2022 institutional holydays	25 to 30	

AUGUST 2022

	D	L	M	M	J	V	S	
		1	2	3	4	5	6	
33	7	8	9	10	11	12	13	R
34	14	15	16	17	18	19	20	1
35	21	22	23	24	25	26	27	2
	28	29	30	31				
36								3

Fall 2022 Academic Term

Back to labor office	1	
Consultation of results of Faculty Evaluation Summer 2022	1	
DEADLINE Prepayment for Fall 2022	4	
Re-registration Fall 2021 / Registration of courses	8 to 12	
Application of proficiency examinations Fall 2022	8 to 12	
Beginning of Fall 2022 Academic Term	15	
Proficency Exams Grades Recording Fall 2022	16 & 17	
Registration and Deregistration Fall 2022 / Registration of courses	19 to 24	

SEPTEMBER 2022

	D	L	M	M	J	V	S	
					1	2	3	
37	4	5	6	7	8	9	10	4
38	11	12	13	14	15	16	17	5
39	18	19	20	21	22	23	24	6
40	25	26	27	28	29	30		7

Day off, national holiday/Independence Day Anniversary	16	
Payment deadlne of the first part of tuition fees for Fall 2022	19	

School Calendar 2021-2022
Semester postgraduate programs
Registrar Office

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Week of year	Registration term	Beginning of academic term
Payment term or deadline	Days off / Deadlines	Ceremonies and institutional events
Ending of acadmic term	Week of the ac...	

JULY 2021

	D	L	M	M	J	V	S	
27					1	2	3	5
28	4	5	6	7	8	9	10	6
29	11	12	13	14	15	16	17	7
30	18	19	20	21	22	23	24	8
31	25	26	27	28	29	30	31	VAC.

PREREGISTRATION TERM FALL 2021	5 to 16	
Faculty Evaluation Summer 2021	7 to 18	
Payment deadline for the second part of tuition fees for summer 2021	16	
Final Grades Recording Summer 2021	21 to 24	
End of academic term Summer 2021	24	
Summer 2021 institutional holidays	26 to 31	

Proficency Exams Summer - Fall 2021

Application and payment	
Conduction of exams	
Grades recording	

AUGUST 2021

	D	L	M	M	J	V	S	
32	1	2	3	4	5	6	7	
33	8	9	10	11	12	13	14	R
34	15	16	17	18	19	20	21	1
35	22	23	24	25	26	27	28	2
	29	30	31					
36								3

Back to office labors	2
Beggining of registration for freshmen Fall 2021	5
DEADLINE for prepayment for Fall 2021	5
Fall 2021 re-registration term	9 to 13
Orientation days for freshmen Fall 2021	12 & 13
Beguinning of Fall 2021 academic term	16
Solemn academic ceremony of the First Lecturship	16

Fall 2021 Academic Term

TERM FOR ADJUSTMENTS OF ACADEMIC SCHEDULES
(only for registred students in the academic term)

Deregistration of courses	
Registration of additional courses (ONLY CHANCE)	

SEPTEMBER 2021

	D	L	M	M	J	V	S	
				1	2	3	4	
37	5	6	7	8	9	10	11	4
38	12	13	14	15	16	17	18	5
39	19	20	21	22	23	24	25	6
	26	27	28	29	30			

Fist midterm record of grades	6 to 12
Independence Day Institutional Festivity	9
Fist midterm record corrections of grades and absences Fall 2021	13 to 17
Day off National Holiday / Indepedence Day Aniversary	16
Payment deadline for the first part of tuition fees for Fall 2021	17

OCTOBER 2021

	D	L	M	M	J	V	S	
40						1	2	7
41	3	4	5	6	7	8	9	8
42	10	11	12	13	14	15	16	1 9
43	17	18	19	20	21	22	23	10
44	24	25	26	27	28	29	30	11
	31							

Solemn academic ceremony of "Cruz Forjada" award	1
DEADLINE to conduct professional exam for fall 2021 Graduation ceremony	9
Second midterm record of grades and absences Fall 2021	11 to 17
Survey of course offerings for Spring 2022	11 to 22
Payment deadline for the second part of tuition fees for Fall 2021	18
Second midterm record correction of grades and absences Fall 2021	18 to 22
DEADLINE for freshmen students to handout their documents	29

Time change/Winter time begins

NOVEMBER 2021

45

D	L	M	M	J	V	S
	1	**2**	3	4	5	6
7	8	9	10	11	12	13
14	**15**	**16**	17	18	19	20
21	22	23	24	**25**	**26**	27
28	29	30				

46, 47, 48

14, 15, 16, 17

Event	Date
Day off, traditional holiday/All Saints Holiday	2
Day off, national holiday/Anniversary of the Mexican Revolution	15
Payment deadline of the fourth part of tuition fees for Fall 2021	16
Solemn Academic Graduation Ceremony	25 & 26

DECEMBER 2021

49

D	L	M	M	J	V	S
			1	2	3	4
5	6	7	8	9	**10**	11
12	13	14	15	**16**	17	**18**
19	**20**	**21**	**22**	**23**	**24**	**25**
26	**27**	**28**	**29**	**30**	**31**	

50, 51, 52

18, 19, 20, VAC.

Event	Date
Christmas staff celebration	10
Feast of Our Lady of Guadalupe	12
Payment deadline of the fIFth part of tuition fees for Fall 2021	16
Faculty Evaluation Fall 2021	13 to 19
Winter institutional holidays	18 to 1

JANUARY 2022

1

D	L	M	M	J	V	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	**15**
16	17	18	19	20	21	22
23	24	**25**	**26**	**27**	**28**	29
30	**31**					

2, 3, 4, 5, 6

21, 22, R, 1

Spring 2022 Academic Term

Event	Date
Back to office labors	3
Faculty self evaluation and student self evaluation Fall 2021	3 to 15
DEADLINE for provisional or defnitive withdrawals Fall 2021	13
End of academic term Fall 2021	15
Final Grades recording Fall 2021/Printing and signing of report cards	15 to 22
Consultation of results of Faculty Evaluation Fall 2021	17
Re-registration payment Spring 2022/Postgraduate in Dentistry	17 to 21
Re-registration Spring 2022	25 to 29
Application of proficiency examinations Spring 2022	25 to 29
Beginning of Spring 2022 Academic Term	31

FEBRUARY 2022

D	L	M	M	J	V	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28					

MARCH 2022

D	L	M	M	J	V	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

APRIL 2022

D	L	M	M	J	V	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

MAY 2022

D	L	M	M	J	V	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Event	Date
Day off, national holiday/Anniversary of Mexican Constitution	7
Proficency Exams Grades Recording Spring 2022	2 to 7
Registration and Re-registration Spring 2022 / Registration of courses	11 to 15
Payment deadlne of the first part of tuition fees for Spring 2022	16
Payment deadlne of the second part of tuition fees for Spring 2022	16
Day off, national holiday/Anniversary of Benito Juarez´s Birthday	21
Time change / Summer Time 2022 begins	3
DEADLINE to conduct Professional Exam for Graduation Ceremony	9
Week off, traditional holiday/Holy Week	11 to 16
Payment deadlne of the third part of tuition fees for Spring 2022	18
Day off, national holiday/Labor day	1
Day off, state holiday/Battle of Puebla Anniversary	5
UPAEP 49th. Anniversary	7
DEADLINE for freshmen students to handout their documents	7
Payment deadlne of the fourth part of tuition fees for Spring 2022	16
Solemn Academic Graduation Ceremony	26 & 27

JUNE 2022

D	L	M	M	J	V	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	**16**	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

23
24
25
26

17
18
19
20

Payment deadlne of the fifth part of tuition fees for Spring 2022 — **16**

Faculty Evaluation Spring 2022 — 20 to 26

Faculty self evaluation and student self evaluation Spring 2022 — 27 to 9

JULY 2022

D	L	M	M	J	V	S
					1	2
3	4	5	6	7	8	**9**
10	**11**	**12**	**13**	**14**	**15**	16
17	**18**	**19**	**20**	**21**	**22**	**23**
24	**25**	**26**	**27**	**28**	**29**	**30**
31						

27
28
29
30
31

21
22
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VAC

DEADLINE for provisional or defnitive withdrawals Spring 2022 — 7

End of academic term Spring 2022 — **9**

Final Grades recording Spring 2022/Printing and signing of report cards — 9 to 15

Consultation of results of Faculty Evaluation Spring 2022 — 11

Re-registration payment Fall 2022/Postgraduate in Dentistry — 11 to 15

Re-registration Fall 2022 — 18 to 23

Application of proficiency examinations Fall 2022 — 18 to 23

Summer 2022 institutional holydays — **25 to 30**

Fall 2022 Academic Term

AUGUST 2022

D	L	M	M	J	V	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	**16**	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

32
33
34
35
36

1
2
3
4
5

Back to office labors — 1

Beginning of Fall 2022, academic term — **1**

Proficency Exams Grades Recording Fall 2022 — 3 to 5

Registration and Re-registration Fall 2022 / Registration of courses — 10 to 13

Payment deadlne of the first part of tuition fees for Fall 2022 — **16**

SEPTEMBER 2022

D	L	M	M	J	V	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	**16**	17
18	**19**	20	21	22	23	24
25	26	27	28	29	30	

37
38
39
40

6
7
8
9

Day off, national holiday/Independence Day Anniversary — **16**

Payment deadlne of the second part of tuition fees for Fall 2022 — **19**

School Calendar 2021-2022
Online postgraduate programs

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Registrar Office

Week of year	Registration Term	Beginning of academic term	Payment term or Deadline	Days off/Deadlines	Ceremonien and institutional eventos	Ending of academic term	Week od the academic term

JULY 2021

	D	L	M	M	J	V	S	
27					1	2	3	8
28	4	5	6	7	8	9	10	9
29	11	12	13	14	15	16	17	10
30	18	19	20	21	22	23	24	11
31	25	26	27	28	29	30	31	VAC.

Payment deadline of the third part of tuition fees for Summer 2021	16
Summer 2021 institutional holidays	26 to 31

AUGUST 2021

	D	L	M	M	J	V	S	
32	1	2	3	4	5	6	7	12
33	8	9	10	11	12	13	14	13
34	15	16	17	18	19	20	21	14
35	22	23	24	25	26	27	28	R
	29	30	31					
36								1

Back to office labors	2
Faculty Evaluation Summer 2021	10 to 15
DEADLINE for freshmen students to handout their documents	14
Payment deadline of the fourth part of tuition fees for Summer 2021	16
DEADLINE for provisional or definitive withdrawals Summer 2021	19
Final Grades recording Summer 2021	21 to 25
End of academic term Summer 2021	22

Fall 2021 Academic Term

Registration and Re-registration Fall 2021	24 to 30
Term change	26
Beginning of Fall 2021 Academic Term	30
Registration and Re-registration Fall 2021 / Registration of courses	31 to 13

SEPTEMBER 2021

	D	L	M	M	J	V	S	
				1	2	3	4	
37	5	6	7	8	9	10	11	2
38	12	13	14	15	16	17	18	3
39	19	20	21	22	23	24	25	4
	26	27	28	29	30			
40								5

Day off, national holiday/Independence Day Anniversary	16
Payment deadline of the first part of tuition fees for Fall 2021	17

OCTOBER 2021

	D	L	M	M	J	V	S	
						1	2	
41	3	4	5	6	7	8	9	6
42	10	11	12	13	14	15	16	7
43	17	18	19	20	21	22	23	8
44	24	25	26	27	28	29	30	9
	31							
45								10

DEADLINE to conduct Professional Exam for Graduation Ceremony	9
Payment deadline of the second part of tuition fees for Fall 2021	18
Time change / Winter Time 2021 begins	31

NOVEMBER 2021

	D	L	M	M	J	V	S	
		1	2	3	4	5	6	
46	7	8	9	10	11	12	13	11
47	14	15	16	17	18	19	20	12
48	21	22	23	24	25	26	27	13
	28	29	30					

Day off, traditional holiday/All Saints Holiday	2
Day off, national holiday/Anniversary of the Mexican Revolution	15
Payment deadline of the third part of tuition fees for Fall 2021	16
Faculty Evaluation Fall 2021	15 to 28
Solemn Academic Graduation Ceremony	25 & 26

DECEMBER 2021

D	L	M	M	J	V	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

49 / 50 / 51 / 52 — 14 / VAC.

Event	Date
DEADLINE for provisional or defnitive withdrawals Fall 2021	
Final Grades recording Fall 2021	4 to 8
End of academic term Fall 2021	5
Consultation of results of Faculty Evaluation Fall 2021	6
Christmas staff celebration	10
Feast of Our Lady of Guadalupe	12
Payment deadne of the fourth part of tuition fees for Fall 2021	2
Winter institutional holidays	16 / 18 to 1

JANUARY 2022

D	L	M	M	J	V	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

1 / 2 / 3 / 4 / 5 — R / 1 / 2 / 3

Spring 2022 Academic Term

Event	Date
Back to labor office	3
Term change	3
Registration and Re-registrartion Spring 2022	4 to 10
Beginning of Spring 2022 Academic Term	10
Registration and Deregistration Spring 2022 / Registration of courses	11 to 24
Payment deadlne of the first part of tuition fees for Spring 2022	17

FEBRUARY 2022

D	L	M	M	J	V	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28					

6 / 7 / 8 / 9 — 4 / 5 / 6 / 7

Event	Date
Day off, national holiday/Anniversary of Mexican Constitution	7
Payment deadlne of the second part of tuition fees for Spring 2022	16

MARCH 2022

D	L	M	M	J	V	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

10 / 11 / 12 / 13 — 8 / 9 / 10 / 11

Event	Date
Ash Wednesday	2
Payment deadlne of the third part of tuition fees for Spring 2022	16
Day off, national holiday/Anniversary of Benito Juarez´s Birthday	21
Faculty Evaluation Spring 2022	28 to 10

APRIL 2022

D	L	M	M	J	V	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

14 / 15 / 16 / 17 / 18 — 12 / 13 / S.S. / 14

Event	Date
Time change / Summer Time 2022 begins	3
DEADLINE to conduct Professional Exam for Graduation Ceremony	9
DEADLINE for freshmen students to handout their documents	9
Week off, traditional holiday/Holy Week	11 to 16
Payment deadlne of the fourth part of tuition fees for Spring 2022	18
DEADLINE for provisional or defnitive withdrawals Spring 2022	21
Final Grades recording Spring 2022	23 to 27
End of academic term Spring 2022	24
Consultation of results of Faculty Evaluation Spring 2022	25
Term change	28

MAY 2022

D	L	M	M	J	V	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

19 / 20 / 21 / 22 — R / 1 / 2 / 3

Summer 2022 Academic Term

Event	Date
Day off, national holiday/Labor day	1
Registration and Re-registration Summer 2022	2 to 9
Day off, state holiday/Battle of Puebla Anniversary	5
UPAEP 49th. Anniversary	7
Beginning of Summer 2022, academic term	9
Payment deadlne of the first part of tuition fees for Summer 2022	16
Registration and Deregistration Summer 2022 / Registration of courses	10 to 23
Solemn Academic Graduation Ceremony	26 & 27

JUNE 2022

D	L	M	M	J	V	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

Payment deadline of the second part of tuition fees for Summer 2022 — 16

JULY 2022

D	L	M	M	J	V	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

Payment deadline of the third part of tuition fees for Summer 2022 — 18
Summer 2022 institutional holydays — 25 to 30

AUGUST 2022

D	L	M	M	J	V	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

Back to office labors — 1
Faculty Evalution Summer 2022 — 1 to 14
DEADLINE for freshmen students to handout their documents — 13
Payment deadline of the fourth part of tuition fees for Summer 2022 — 16
DEADLINE for provisional or defnitive withdrawals Summer 2022 — 18
Final Grades recording Summer 2022 — 20 to 24

Fall 2022 Academic Term

End of academic term Summer 2022 — 21
Consultation of results of Faculty Evaluation Summer 2022 — 22
Registration and Re-registration Fall 2022 — 23 to 29
Term change — 25
Beginning of Fall 2022, academic term — 29
Registration and Deregistration Fall 2022 / Registration of courses — 30 to 12

SEPTEMBER 2022

D	L	M	M	J	V	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

Day off, national holiday/Independence Day Anniversary — 16
Payment deadline of the first part of tuition fees for Fall 2022 — 19

School Calendar 2021-2022
Events & Ceremonies
Registrar Office

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Week of year	Registration Term	Beginning of academic term	Payment term deadline	Days off/Deadlines	Ceremonies and institutional eventos	Ending of academic term	Week of the academic term

JULY 2021

	D	L	M	M	J	V	S		
27					1	2	3	5	
28	4	5	6	7	8	9	10	6	
29	11	12	13	14	15	16	17	7	
30	18	19	20	21	22	23	24	8	
31	25	26	27	28	29	30	31	VAC.	

Review of applications for the Permanence Committee — 20 to 22
Secretary's day celebration for female employees — 21
Summer 2021 institutional holidays — 26 to 31

AUGUST 2021

	D	L	M	M	J	V	S		
32	1	2	3	4	5	6	7	R	
33	8	9	10	11	12	13	14	1	
34	15	16	17	18	19	20	21	2	
35	22	23	24	25	26	27	28		
	29	30	31						

Back to office labors — 2
Review of applications for the Permanence Committee Fall 2021 — 3 to 12
Orientation day for new collaborators Fall 2021 — 12
Orientation dasy for freshmen Fall 2021 — 12 to 13
Solemn academic ceremony of the First Lecturship — 16
Holy Mass at the beginning of the school year — 16
Welcome to the Fall 2021 Academic Term. Integration Wednesday. — 18 y 19

SEPTEMBER 2021

	D	L	M	M	J	V	S		
36				1	2	3	4	3	
37	5	6	7	8	9	10	11	4	
38	12	13	14	15	16	17	18	5	
39	19	20	21	22	23	24	25	6	
	26	27	28	29	30				

Installation of the University Council 2021-2022 — 6
Annual Report of the Rector 2020-2021 — 14
Independence day institutional festivity — 14
Day off, national holiday/Independence Day Anniversary — 16

OCTOBER 2021

	D	L	M	M	J	V	S		
40						1	2	7	
41	3	4	5	6	7	8	9	8	
42	10	11	12	13	14	15	16	9	
43	17	18	19	20	21	22	23	10	
44	24	25	26	27	28	29	30	11	
	31								

Solemn academic ceremony of "Cruz Forjada" award — 1
First ordinary session of the University Council 2021-2022 — 4 — Pilgrimage to the Basilica of Our Lady of Guadalupe — 25
DEADLINE to conduct Professional Exam for Graduation Ceremony — 9 — Time change / Winter Time 2021 begins — 31
Seniority Recognition Ceremony — 14
UPAEP 360° Vocational Experience — 15 to 16
Day of the Dead Altars Contest
Feast of St. John Paul II — 22

NOVEMBER 2021

	D	L	M	M	J	V	S		
45		1	2	3	4	5	6	12	
46	7	8	9	10	11	12	13	13	
47	14	15	16	17	18	19	20	14	
48	21	22	23	24	25	26	27	15	
	28	29	30						

Day off, traditional holiday/All Saints holiday — 2
Second ordinary session of the University Council 2021-2022 — 8
Day off, national holiday/Anniversary of the Mexican Revolution — 15
Christ the King Celebration — 18
Solemn Academic Graduation Ceremony — 25 to 26

DECEMBER 2021

D	L	M	M	J	V	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Piñata contest for collaborators	1
Traditional Posada for collaborators	1
Extraordinary session of the University Council 2021-2022	6
Medical Oath Taking Ceremony / h	13
Dental Oath Taking Ceremony / h	13
Mass of the Guadalupano Group / h	13

Christmas Staff Celebration	10
Winter institutional holidays	18 to 1
Feast of Our Lady of Guadalupe.	12
Review of applications for the Permanence Committee Spring 2022	14 & 15

JANUARY 2022

D	L	M	M	J	V	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Back to office labor	4
"Rosca de Reyes" for collaborators	7
Review of applications for the Permanence Committee Spring 2022	5 to 14
Orientation day for new collaborators Spring 2022	13
Orientation dasy for freshmen Spring 2022	14
National Pilgrimage to the Sanctuary of Christ the King (Cubilete)	29

FEBRUARY 2022

D	L	M	M	J	V	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28					

Day off, national holiday/Anniversary of the Mexican Constitution	7
Third ordinary session of the University Council 2021-2022	14
Eagle Connection	15, 16 y 17
Eagle Award	17

| Guard of Honor and Civic Ceremony for Flag Day | 24 |

MARCH 2022

D	L	M	M	J	V	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

Ash Wednesday	2
Solemn academic ceremony of "Cruz Forjada" award	4
Fourth ordinary session of the University Council 2021-2022	7
Day off, national holiday/Anniversary of Benito Juarez's Birthday	21
"Interprepas" 2022 tournament	28 al 9 abril

ABRIL 2022

D	L	M	M	J	V	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

Time change / Summer Time 2021 begins	3
Fifth ordinary session of the University Council 2021-2022	4
DEADLINE to conduct Professional Exam for Graduation Ceremony	9
Week off, traditional holiday/Holy Week	11 to 16
Good Friday Solemn Procession	15

| University Meeting | 21 |

MAY 2022

	D	L	M	M	J	V	S	
19	1	2	3	4	5	6	7	15
20	8	9	10	11	12	13	14	16
21	15	16	17	18	19	20	21	17
22	22	23	24	25	26	27	28	R
	29	30	31					

Event	Date
Day off, national holiday/Labor day	1
Extraordinary session of the University Council 2021-2022	2
Day off, state holiday/Battle of Puebla Anniversary	5
UPAEP 49th. Anniversary	7
Mother's Day Mass, celebration for female collaborators	9
Teacher's Day Celebration	13
Orientation day for new collaborators Summer 2022	19

Event	Date
Review of applications for the Permanence Committee Summer 2022	25 & 26
Eucharistic Celebration for Graduation Ceremony / 17:30 a 18:30 h	26 & 27
Solemn Academic Graduation Ceremony	26 & 27

23

JUNE 2022

	D	L	M	M	J	V	S	
				1	2	3	4	1
24	5	6	7	8	9	10	11	2
25	12	13	14	15	16	17	18	3
26	19	20	21	22	23	24	25	4
	26	27	28	29	30			

Event	Date
Scholarship Award Ceremony	4
Medical Oath Taking Ceremony / h	10
Ceremony of the "passing of the light" for Nurses	10
Physiotherapy Oath Taking Ceremony	10
Father's Day celebration for collaborators	17

27

JULY 2022

	D	L	M	M	J	V	S	
						1	2	5
28	3	4	5	6	7	8	9	6
29	10	11	12	13	14	15	16	7
30	17	18	19	20	21	22	23	8
31	24	25	26	27	28	29	30	VAC
	31							

Event	Date
Review of applications for the Permanence Committee Fall 2022	4 to 22
Secretary's day celebration for female employees	20
Summer 2022 institutional holidays	25 al 30

32

AUGUST 2022

	D	L	M	M	J	V	S	
		1	2	3	4	5	6	
33	7	8	9	10	11	12	13	R
34	14	15	16	17	18	19	20	1
35	21	22	23	24	25	26	27	2
	28	29	30	31				

Event	Date
Back to office labors	1
Review of applications for the Permanence Committee Fall 2022	1 al 12
Orientation dasy for freshmen Fall 2022	11 y 12
Solemn academic ceremony of the First Lecturship	15
Holy Mass at the beginning of the school year	15

36

SEPTEMBER 2022

	D	L	M	M	J	V	S	
					1	2	3	3
37	4	5	6	7	8	9	10	4
38	11	12	13	14	15	16	17	5
39	18	19	20	21	22	23	24	6
40	25	26	27	28	29	30		7

Event	Date
Day off, national holiday/Independence Day Anniversary	16
Solemn academic ceremony of "Cruz Forjada" award	30

FINANCIAL
AID

A. LAUDEX CREDIT

In alliance with Santander Universities, Laudex benefits you with a payment plan to study any bachelor's, master's, doctorate or specialty at UPAEP.

Conditions

- Maximum financing line: $950,000 m.n.
- We reduce your tuition by up to 50%.
- We cover your debt, so you can continue studying.
- We finance 100% of your studies: tuition, seminars, degrees, etc.
- Apply for your student exchange.

Requirements

Solidarity Obligor:

- Over 25 years of age
- Verifiable income

Student

- Minimum grade point average of 7.0
- Good credit history if any.
- Minimum 18 years old

B. SCHOLARSHIPS

UPAEP has several types of scholarships for new and returning undergraduate and graduate students. For more information, please visit: https://upaep.mx/becas

How can I apply for a scholarship?

For undergraduate reentry students, the call for applications is published in February each year.

For graduate reentry students, the call for applications is published in October and May.

What grade point average do I need to apply for any type of Financial Aid?

A minimum grade point average of 8.5.

Can I apply for a scholarship increase?

Yes, the scholarship increase process is exclusive for undergraduate students. The call for applications is published in October and April.

What types of financial support does UPAEP provide?

UPAEP awards academic, sports, cultural, seal, leadership, research, excellence and external sponsorship scholarships.

How much support can I receive?

Financial Aid can range from 20% to 100% of tuition, depending on each type of scholarship.

More Information

becas@upaep.mx

gustavo.diaz@upaep.mx

andrea.carbo@upaep.mx

LEARNING RESOURCES

LIBRARY, TECHNOLOGY AND SUPPORT SERVICES, ACADEMIC SUPPORT

LIBRARY

UPAEP libraries offer information services that support research and teaching at our institution. Its bibliographic and documentary collection is a cultural asset that grows and develops with the constant participation of the university community, and provides the possibility of having or obtaining the necessary and pertinent information to the academic curricula that its users require. At the same time, libraries collaborate in the diffusion of the University, through the extension of their services to other institutions of higher education services to other higher education institutions and to society as a whole.

Among the functions of the UPAEP libraries are the acquisition, analysis, organization, classification, dissemination and retrieval of information, that supports the professional and human formation of our students, that helps us to identify the needs and social problems and which allows us to differentiate the alternatives and methods of solution. The information that is consigned in the learning guides of the different study programs, current and pertinent for the development of science. culture and technology.

UPAEP libraries are made up of physical and electronic resources in order to satisfy the information needs of the university community in relation to the institutional academic curricula.

Services

- Book loans
- Interlibrary loans with universities and institutions
- Workshops
- Room consultations
- Newspaper library
- Computer equipment
- Electronic magazines and publications
- Digital library
- Bibliography by subject
- Collections
- Open access repository
- UPAEP Repository
- Theses
- UPAEP Video Library

For more information, please visit:

Click Here   *https://biblioteca.upaep.mx/index#servicios*

The UPAEP libraries are made up of the "Karol Wojtyla" Central Library, the Tehuacán campus library "Socorro Romero Sánchez", Centro de Estudios Guadalupanos, Centro de Estudios de Ciencia y Religión, and the libraries of the different high schools listed below; Santiago 1 Campus, Santiago 2 Campus, South Campus, Angelópolis Campus, Atlixco Campus, San Martín Campus, Cholula Campus, Santa Ana Campus, Huamantla Campus and Lomas Campus.

IT SERVICE CATALOG

Online services

Students web site

Click Here   *https://upaep.mx/estudiantes*

A web site designed to display relevant information to students regarding university procedures and services, information and access to different information platforms and electronic learning resources.
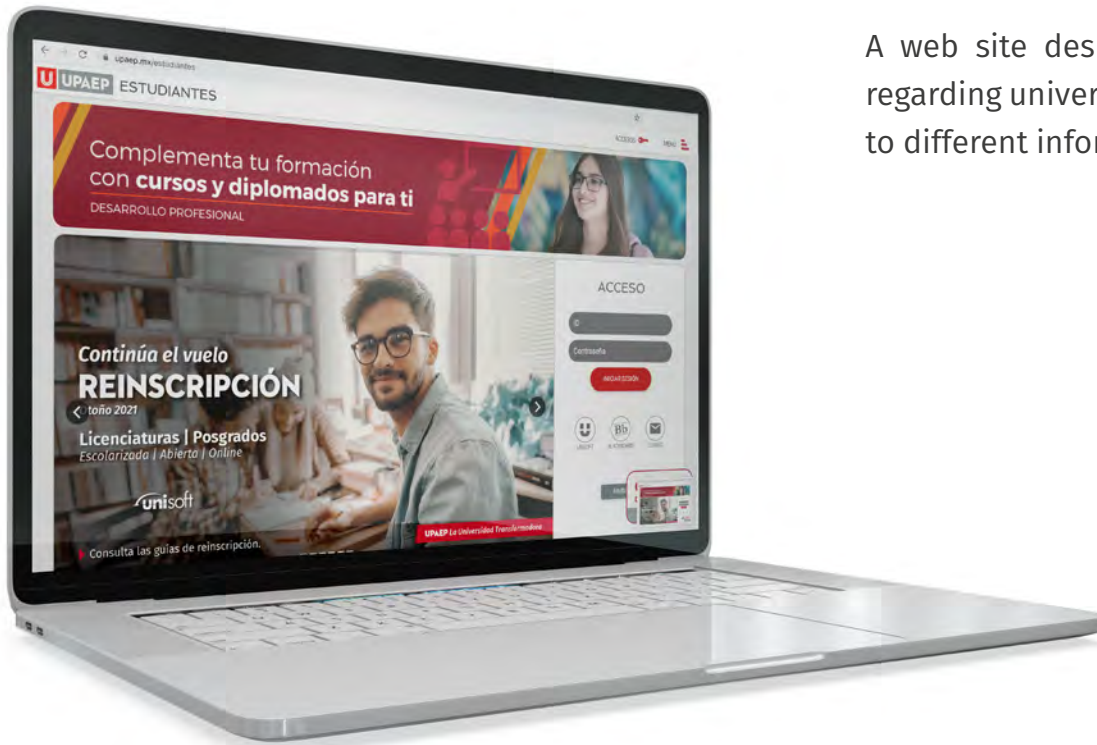
- Students can view information regarding:
- School calendars
- Schedules
- Grades
- Directory
- Account statements
- Payment information
- Events around campus
- Academic advising service
- Academic tutoring service

Normative documents, procedures and additional information
Requirements: active students with ID and password.

Student Information System (academico.upaep.mx)

A web application available to view and request information or
services related to student life procedures and services.

- Scholarships

- Scholarship Service Program

- Schedule information

- Campus maps

- Directory of services

- Transcript information

- Enrollment status

- Consultation of courses offered

- Professor assessment

- Request for certificates and documents

- Student credential replacement

- Statement of Account

- Payment information

- Payment services

- Tuition

- Events and workshops
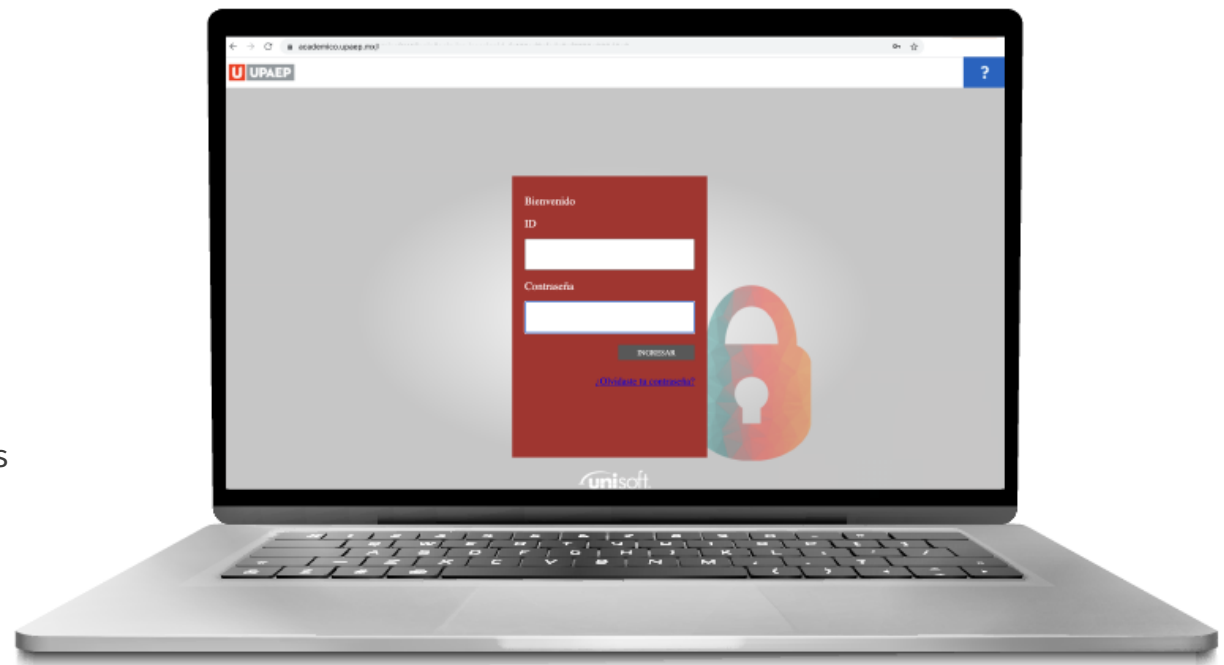
Requirements: every student with ID and password

Student app service

Students can have access to information and services related to university life:

- Payment information
- Student bulletins and news
- Academic calendars
- Grades
- Campus maps
- Directory of services
- Events and workshops
- Library information
- Digital badge
- Other services available to students

Support: E-mail: soporte.app@upaep.mx
Requirements: every student with and ID and password
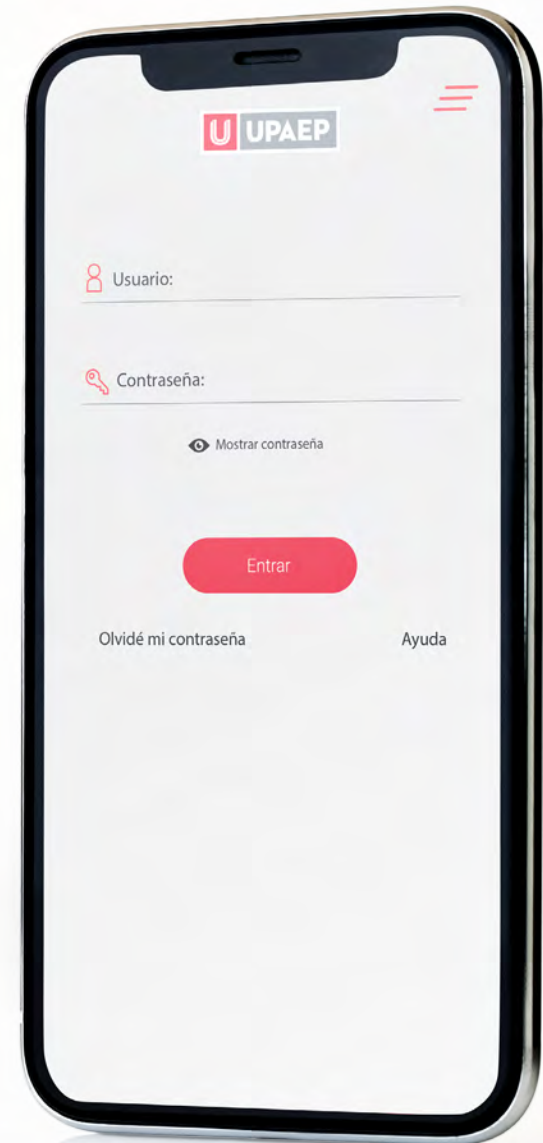
Email and collaboration tools

Through your UPAEP email account, use different online tools for the development of your academic activities.

Google Workspace provides email services and offers collaboration tools:

- Gmail, Calendar, Chat,
- Meet, for conference and collaboration
- Drive, for documents storage online
- Documents: create, manage and publish Spreadsheets, Presentations, Forms, Sites and

Requirements: to be an active student at UPAEP and have access to your email account.

Google Workspace

Blackboard

Learning platform service

Blackboard is a learning platform that delivers a powerful learning experience to students and enables collaboration and access to information and learning resources related to each academic course in an academic program at UPAEP.

Blackboard platform hosts course materials, manages online assignments, provides collaboration and communications tools that further enable students to engage in learning activities required to achieve success.

Academic content available can be created in different formats as text, sound, video or animations, as well as third-party applications such as content platforms, virtual laboratories, video repositories, library resources, among other services.

Requirements: to be an active UPAEP student with ID and password

Academic software

The university provides a broad range of software applications available through remote access by students and faculty members, or at university facilities in different computer rooms and labs.

You can view available software: academic software 2021.
Questions and support related to academic software access:

E-mail: soporte.software@upaep.mx
Phone: +52 222 229-94-71   +52 222 2299400 ext. 7471

COMPUTER ROOMS AND LABS

University Computer Center (CUC)

The University Computer Center main facilities offer 23 computer rooms and 6 specialized software laboratories, located in 2 buildings. These facilities have capacity to serve 799 students simultaneously, each using a personal computer.

General use room

132 thin clients and 40 personal computers available to students, where users can use any available computer at the time of their request, using their student ID and password provided for this Vpurpose.

Computer rooms at building "E"

23 rooms, with a total of 417 PC computers and 84 workstations. These spaces are used for scheduled classes, but they can also be used by students to practice and as general rooms or as long as they are available.

2 Networks and operating systems laboratories, with 35 PCs.

2 Architectural modeling and animation laboratories, each one equipped with 21 high-performance Workstations and specialized software.

2 CAD/CAM/CAE laboratories, each one equipped with 21 high performance workstations and specialized software.

Computer rooms at building "D"

Department of Language and Culture Studies laboratories, where there are 6 computer rooms with a total of 126 PC computers available to students.

All computers have internet service and access to information systems and learning resources available at UPAEP.

CUC technical support service assists users to solve problems that may arise in the use of CUC computer services or equipment.

Support: CUC offers service to users from Monday to Friday from 7:00 a.m. to 10:00 p.m., and on Saturdays from 7:00 a.m. to 2:00 p.m.

Requirements: in order to access the computers in the CUC, it is necessary to have an account, which in the case of students it is their institutional ID and access code (password)

CUC website http://ceunco.upaep.mx.

You are requested to consult the document entitled "Procedure for reservation of use of CUC classrooms".

Computer rooms and laboratories

UPAEP offers a variety of laboratories and computer rooms for several professions and specialities. These learning spaces are used for scheduled classes and for student practices during the available periods of time.

Support service is offered to computer room users from Monday to Friday from 7:00 a.m. to 8:00 p.m., and on Saturdays from 9:00 a.m. to 2:00 p.m.

Support services

User Service Center (CAU)

The User Service Center (CAU) is the official point of contact to request support for IT services and receive technical assistance. This service is provided by the university community: students, faculty and staff members.

- Users can receive advice and support
- Google service
- Internet service
- Access to LAN and Wifi networks
- Login and access to information systems
- Technical assistance for enrollment systems
- Technical support regarding personal computing or IT services around campus
- Student information system assistance (academico)
- Learning management system general issues
- Telephony services assistance

Business hours:

Monday to Friday from 7:00 a.m. to 9:00 p.m., and on Saturdays from 9:00 a.m. to 2:00 p.m.

Contact information

E-mail: cau@upaep.mx

Web: https://upaep.mx/cau/

Phone: +52 222 309-9411   +52 222 2299400 ext. 911

IDD support servicedesk

This support service is available to students for special assistance regarding access and use of Blackboard.

Telephony services

Telephone operators offer a main menu and first contact information to students, as well as access to directory service to reach faculty and staff areas and services available at university.

Service hours:
Monday to Friday, from 8:00 am to 7:00 pm

Faculty and staff services

Online services

Staff members website (upaep.mx/colaboradores)

A web site designed to display relevant information to faculty and staff members regarding university procedures and services, information and access to different information platforms and electronic learning resources.

- Faculty and staff members can view information regarding:

- School calendars

- Directory

- Calendars

- Bulletin and news

- Courses and workshops offering

- Events information

- Library resources

- Laboratories resources

- Normative documents, procedures and additional information

Requirements: active faculty or staff member with an ID and password

ERP system (unisoft.upaep.mx)

A web application available to perform, view and request information or services related to the most important academic and administrative activities.

Unisoft is a powerful platform that orchestrates academic and administrative operations at university.

Requirements: to be an active faculty or staff member with ID and password

Email and collaboration tools

Through your UPAEP email account, faculty and staff members can use different online tools for your academic or administrative activities.

- Google Workspace provides email services and offers collaboration tools:

- Gmail, Calendar, Chat,

- Meet, for conference and collaboration

- Drive, for documents storage online

- Documents: create, manage and publish Spreadsheets, Presentations, Forms, Sites and

Requirements: to be an active faculty or staff member at UPAEP with access to your email account.

Video conferencing service

Video collaboration services that support faculty activities through facilities, video and audio equipment as well as computer systems through which it provides services and resources to leverage learning processes and faculty practice.

The following resources and computing services are provided:

- 131 computers deployed in:

- 7 video conference rooms (14 PCs).

- 6 video collaboration rooms (6 PCs)

- 2 specialized software laboratories with HP Workstation equipment (42 computers).

- 2 specialized software laboratories with Apple computers (42 computers).

- 26 Classrooms (26 PC Teams).

Options available:

- Blackboard collaborate, as part of current modules of Blackboard platform

- Google Meet, included as part of Google Workspace suite.

- Zoom meetings for special events and conferences.

COMPUTER ROOMS AND LABS

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Support: CUC offers service to users from Monday to Friday from 7:00 a.m. to 10:00 p.m., and on Saturdays from 7:00 a.m. to 2:00 p.m.

Requirements: in order to access the computers in the CUC, it is necessary to have an account, which in the case of faculty and staff members it is their institutional ID and access code (password)

CUC website http://ceunco.upaep.mx.

You are requested to consult the document entitled "Procedure for reservation of use of CUC classrooms".

Computer rooms and laboratories

UPAEP offers a variety of laboratories and computer rooms for several professions and specialities.

These learning spaces are used for scheduled classes and for faculty practices during the available periods of time.

Support service is offered to computer room users from Monday to Friday from 7:00 a.m. to 8:00 p.m., and on Saturdays from 9:00 a.m. to 2:00 p.m.

User Service Center (CAU)

The User Service Center (CAU) is the official point of contact to request support for IT services and receive technical assistance. This service is provided by the university community: students, faculty and staff members.

- Users can receive advice and support
- Google service
- Internet service
- Access to LAN and Wifi networks
- Login and access to information systems
- Technical assistance for enrollment systems
- Technical support regarding personal computing or IT services around campus
- Technical assistance with personal computers
- Learning management system general issues
- Telephony services assistance

Business hours

Monday to Friday from 7:00 a.m. to 9:00 p.m., and on Saturdays from 9:00 a.m. to 2:00 p.m.

Contact information

E-mail: cau@upaep.mx

Web: https://upaep.mx/cau/

Phone: +52 222 309-9411   +52 222 2299400 ext. 911

IDD support servicedesk

This support service is available to students for special assistance regarding access and use of Blackboard.

IT Technical field support services for faculty and staff members

Field support services are provided to UPAEP's personal computers equipment and peripherals at office and classroom spaces, upon request to the User Service Center:

Computer equipment is assigned to faculty and staff members so they can perform academic and administrative tasks. Computers assigned are provided with standard and specialized software if needed.

Professors can request support at classroom or work spaces for UPAEP equipment or peripherals.

Support hours

Service is offered to users from Monday to Friday from 7:00 a.m. to 8:00 p.m., and on Saturdays from 9:00 a.m. to 2:00 p.m.

Telephony services

Telephone operators offer a main menu and first contact information to students, as well as access to directory service to reach faculty and staff areas and services available at university.

Service hours

Monday to Friday, from 8:00 am to 7:00 pm

Information security

Security applications are available to faculty and staff members in order to keep a safe environment for academic and administrative operations.

- Antivirus installation and updates
- Digital badge
- Login credentials recovery
- VPN for secure communications, upon request

Support

User Service Center (CAU)

Throughout its almost 50 years of life, UPAEP's infrastructure has been increased and modernized according to the circumstances that its own origin, the growth of enrollment, the creation of new programs and its own educational model have demanded.

The main moments of the evolution of the university infrastructure can be consulted in the "Memorial" (located on the first floor of building C of the Puebla Campus). It should be noted that the growth in infrastructure has always responded to an imperative need to support academic life.

The university complies with the criteria set by the different norms and legal references related to educational physical infrastructure:

- General Law of Education (2019)

- General Law of Higher Education (2020).

- General Law of the Physical Educational Infrastructure (2008) (Art. 7, 9 Educative (2008) (Articles 7, 9, 11, 13, 14)

- Regulation of the General Law of Physical Educational Infrastructure (2013)(Articles 34, 35, 37 and 38

- General Law of Higher Education of the State of Puebla (2021)

- Sustainable Urban Development Law of the State of Puebla (Articles 12, 13 and 14) State of Puebla (Articles 12, 79, 92)

- Municipal Program for Sustainable Urban Sustainable Urban Development Program of Puebla (2007)

- Accessibility Technical Manual applicable to constructions in the municipality of Puebla

- Standards and specifications for studies, projects, construction and installations.

- Volume 3, Volume I. Architectural Design.

   INIFIED

- Guide for the design of sanitary cores.

   INIFED

- Mexican Standards NMX

The existing infrastructure includes offices, classrooms, laboratories, library, cultural workshops, computer rooms, videoconferencing rooms, meeting rooms, multi-purpose rooms, conference rooms, bathrooms, residence halls, sports areas, parking lots and, in general, all the facilities necessary for university life.

In the daily work of the university, academic support spaces are essential, from classrooms to the most sophisticated laboratories. There are currently 181 classrooms with a total area of 8,089.79 m2 distributed in 5 on-campus buildings and 4 off-campus buildings. Classroom capacity ranges from 12 to 69 seats, with an average of 30 seats and an average area of 44.7 m2. All classrooms have computer equipment and wireless internet; 139 have video projectors and 42 have flat screens for class presentations.

There is a total of 2,932.26 m2 in conference and multipurpose rooms, including three auditoriums and the Liaison Center.

The UPAEP has 89 laboratories in use for teaching and 14 exclusive for research, located most of them in buildings L1, L2 and L3.

The areas into which they are divided are:

- Medical - biological
- Engineering
- Audiovisual Media
- Gastronomy
- Agriculture and Livestock
- Humanities
- Research

The 20 engineering laboratories cover an area of 1,726 m2 located

mostly in the L2 building. The School of Business programs have 6 laboratories with a total area of 576 m2 located in the L4 building and serve the School of Gastronomy and the Hospitality and Tourism Management program, as well as the Nutrition and Food Technology programs in the health área.

For biological sciences programs, there are 4 practice spaces located on land in the city of Atlixco, with a total area of 32,613 m2 , mainly serving the needs of the Agronomy, Veterinary Medicine, Environmental Engineering, Agribusiness and Biotechnology programs.

The Psychocognition and Legal-Accounting laboratories serve the needs of the psychology, psychopedagogy, law, accounting and senior management bachelor's degree programs, respectively.

The Dentistry, Physiotherapy and Nutrition clinics are considered laboratories for the respective students, as they provide services to the internal and external community, and deserve special mention. In the case of Dentistry, it has an area of 1,435.2 m2 with 8 clinics with a total of 74 dental units and 2 laboratories for 24 people each. While those of Physiotherapy and Nutrition has 1096.55 m2 of total built area, in which we find offices, consulting rooms, early stimulation areas, treatment box, mechanotherapy and equipment gym, examination and measurement room, nutrition lab and measurements, nutrition laboratory, multipurpose room, laundry, dining room and garden.

The Tehuacan Campus has 4 laboratories: food, computer, communication and oral trial room.

CO-CURRICULAR
PROGRAMS

- UPAEP GLOBAL CAMPUS

- ENTREPRENEURSHIP

- PROFESSIONAL INTERSHIP

- ACADEMIC AFFAIRS, CULTURE AND LEADERSHIP

  - FINE ART AND CULTURE, UPAEP MUSEUM

  - MENTORING

  - SOCIAL SERVICE

UPAEP
GLOBAL CAMPUS

1. POSTGRADUATE

Virtual programs

Videoconference Graduate Programs

Offering Master's and Doctoral programs in videoconference modality for foreign and Mexican students.

Virtual Exchange

Offering of courses from foreign universities that students can take in virtual mode and revalidate UPAEP courses.

Online Graduate Programs

Offering Master's and Doctorate programs in online mode for foreign and Mexican students.

Webinars and conferences

International videoconferences on topics related to different areas of study.

Online Double Degree

Master's students finish their graduate studies with two degrees, one of them accredited in the United States.

Tailor-made courses

Specialized online courses of a technical and/or academic nature with an international perspective.

Bridge programs

Foreigners obtain a Master's degree at their home university and a Doctorate at UPAEP.

OUTGOING FACE TO FACE PROGRAMS

Double Degree

The double degree is a unique program offered by UPAEP in conjunction with partner universities around the world, which allows students the opportunity to finish their graduate studies with two degrees, one of them accredited by the foreign university and the other by UPAEP.

The main objective of this program is to promote the student in the professional and academic field, as it provides the necessary tools to excel in a world as globalized as the one we live in today.

For a detailed list of Universities, click on the logo of each one of them at:

https://upaep.mx/posgrados/internacionalizacion#doblegrado.

Faculty Led

Faculty Led programs are short stays (from two to eight weeks) in prestigious universities in different countries around the world, where you can credit up to 2 subjects of your curriculum and complement your stay with extraordinary visits and cultural experiences.

Graduate students of any semester can participate in these programs, as long as it fits their personalized study plan.

Important note

Due to the pandemic caused by COVID-19, most of our programs have had to move to a virtual or hybrid format. Please check their modality by accessing the details of each one. Thank you for your understanding.

OUTGOING FACE TO FACE PROGRAMS

Program offerings 2021:

Environmental Engineering and Sustainable Development

Work and Organizational Psychology

Strategic Planning and Technology Management

Management and Marketing

Clinical Nursing supported by the Nurse in Barcelona   *Spain, Coming soon*

International Social Business Summer

Planning, innovation and management of educational practice

Application Process

01 Explore
the program offerings we have planned for 2021 (Section above in red).

02 Make
your pre-registration online at the link found on the page of the program of your choice.

03 Send
your signed and scanned "Regulations" to:

internacionalizacion.posgrados@upaep.mx

When sending it, please put as subject of the email: Faculty Regulations Led_Full_Name_ID. You will find the regulations on the page of the program of your choice.

04 In Order to
reserve your place, make your prepayment of $4,000.00 mxn on the date indicated on the page of the program of your choice.

05 Make
your registration and registration of subjects in UNISOFT (You will receive a diagram with the instructions once you have made your pre-payment).

06 Take
your medical and psychometric exams.

07 Apply
for or renew your passport and/or VISA (if applicable for your destination program). Remember that the expiration date of these documents must be more than 6 months after your return date for most programs, except for Russia.

08 Make
your payments on time, according to the schedule explained on the program page of your choice.

Exchanges

Exchanges are international stays in which you will be able to take courses with curricular value of up to 6 months of duration at Master's and Doctorate level.

Students may take courses at prestigious universities abroad with whom we have an agreement and revalidate up to 3 subjects upon their return according to their study plan with the approval of their Academic Director.

UPAEP has more than 130 international agreements with universities in 32 countries around the world.

OUTGOING FACE TO FACE PROGRAMS

Application Process

01 Explore

the offer of Universities with which we have an agreement, by placing the "Exchanges" filter and the countries of your preference in our interactive map:

Click Here https://upaep.mx/posgrados/internacionalizacion

02 View

the websites of the Universities that have been of interest to you and review their curriculum in depth to identify those that are most similar to the postgraduate program you are studying at UPAEP and select the 3 Universities that are of most interest to you.

03 Talk

with your Academic Director about the Universities you have chosen, to know his or her point of view and verify that the curricula of the Universities match with some subjects that could be revalidated upon your return.

Once you have discussed this, please ask him/her to send the Pre-authorization Letter to *internacionalizacion.posgrados@upaep.mx* confirming that they have jointly reviewed your choices of Universities and that he/she agrees to proceed with the process.

04 Submit

the following information for each of the 3 Universities you have chosen and that your Academic Director has approved: Country, University name, program name. Send the information to internacionalizacion.posgrados@upaep.mx. List the Universities in order of priority and please place as the subject of the email: Exchange_Full_Name_ID

05 Once

we confirm receipt, please reply on the same email attaching a formal color photograph of yourself from the waist up in JPG format. And your cover letter that will help us to apply for your acceptance to the Universities you have chosen.

We suggest you include in it: the reasons for your interest in being accepted to their University, the line of interest of your program of study, the ways in which your participation can enrich their students and professors, your own experiences and skills that can contribute to the field of knowledge to which you are applying, etc. The letter should be sent in English and Spanish.

Proof of language proficiency (TOEFL IBT or ITP, Delf, German, etc.).

Scanned copy of your passport

Proposed work plan (Example of a work plan here: Work plan)

06 Ask

about the different financing options to verify if any of them may apply to your case.

07 The Postgraduate

internationalization team will contact the Universities you have chosen, in the order of priority you have indicated. We will introduce you to them, make the request for admission and contact you as soon as we receive a response from them. If they respond favorably, we will indicate the requirements and particular admission process that they have indicated that you should follow and you will have to confirm which of them you will decide to apply for.

Note: The application will not be made simultaneously. That is, we will only contact your second or third choice in case you do not get a favorable response with the previous ones.

08 At the same time

that you are in the admission process with the foreign university, you must review again with your Academic Director the study plan and dates of your stay according to the academic calendar of the host university.

Research stays

Research stays are periods of up to 6 months at the Master's level and up to one year at the Doctorate level during which students have the opportunity to carry out research activities at a university abroad.

Students may choose any university in the world that accepts them and is approved by their UPAEP Academic Director.

OUTGOING FACE TO FACE PROGRAMS

Application Process

Choose

01

the foreign university with which you wish to conduct your research stay. You can choose any educational institution around the world that you consider to have a curriculum, academic faculty, laboratories or specialized systems according to your area of interest.

However, we put at your disposal the Universities with which we have an agreement, which you can consult in our interactive map by placing the filter "Research stays" and the countries of your preference

Click Here *https://upaep.mx/posgrados/internacionalizacion*

You must

02

indicate the name and contact email of the University of your choice, as well as the email of the person from that institution that you would like to act as your co-supervisor during your stay, according to the research you are interested in doing.

In addition, you must attach the following information in the same e-mail.

Proposal of the purpose of your stay (Maximum one page in Arial 12, 1.5 line spacing, Word format).

Short summary of your thesis work (Maximum 3 pages in Arial 12, 1.5 spacing | Word format).

Personal cover letter: We recommend that you include in it, the ways in which your work can enrich the external collaborator, ways in which your own experiences and skills can contribute to the field of knowledge in which the person you are requesting to receive you as a co-supervisor in the stay. (We provide you with the following format for a Letter of Introduction)

Formal color photograph of yourself from the waist up in JPG format.

Proof of language proficiency (TOEFL IBT or ITP)

Scanned copy of your passport

You must send all the above documents in English and Spanish to internacionalizacion.posgrados@upaep.mx . Please put in the subject line of the email: Research Stay_Full_Name_ID

NOTE: Please consider that your application should be made preferably 6 months before the period in which you wish to do your stay.

The University

03

must respond by sending a letter of acceptance from the co-tutor you requested. We will keep you informed about the receipt of the letter.

Ask

04

about the different financing options to verify if any of them may apply to you.

While

05

waiting for your acceptance letter, you should review with your Academic Director the study plan and dates of your stay according to the academic calendar of the host university.

2. UNDERGRADUATE

Virtual Exchange

Complete virtual modules through UPAEP's and partner foreign universities platforms with which we have collaboration agreements.

COIL

Interdisciplinary collaboration with a foreign teacher to co-create a module in a course together, through the same virtual classroom, generating the integration of both groups of students, to work on a project together.

Mirrored Classes

An international visiting professor provides specific topics for a similar subject at UPAEP and vice versa, the UPAEP professor teaches topics in the subject requested by the foreign University.

Webinars

International videoconferences on topics related to your area of study.

Global Speakers

International or Mexican speakers abroad with extraordinary projects.

Conversations

Panels with specialists who discuss topics in your area of study from different international perspectives.

Seminars

International conference sessions or cycles with work stations and videoconferences with multicultural speakers.

Face-to-Face Academic Offer

Due to the global contingency, the availability of our programs may vary depending on world conditions in the face of COVID 19, international travel guidelines before the WHO and changes in migratory processes at the destination.

Virtual Exchange

Faculty Led

The Faculty Led programs are short stays in prestigious universities in different countries around the world, where you can credit up to 3 subjects of your curriculum and complement your stay with internships and extraordinary cultural experiences.

Double Degree with City University of Seattle

The dual degree is a unique program offered by UPAEP in conjunction with City University of Seattle (CityU), which gives you the opportunity to finish your degree with two bachelor's degrees, one of them accredited in the United States. The main objective of this program is to promote students in the professional and academic fields, as it gives them the necessary tools to succeed and excel in a world as globalized as the one we live in today.

In addition to the dual degree program, CityU also offers two summer programs each year open to all UPAEP undergraduate students, one of which is offered in the city of Seattle and the other at CityU's headquarters located in the beautiful city of Prague, Czech Republic. For those interested only in improving their level of English, CityU also offers the ELP (English Language Program), which is open to anyone in the UPAEP community, both students (high school, undergraduate and graduate) and teachers.

National Exchange with ANUIES

The National Association of Universities and Institutions of Higher Education is comprised of more than 150 universities and institutions of higher education, both public and private, throughout the country.

National Exchange with SUMA

The University System of Academic Mobility is made up of more than 20 private Mexican universities accredited by FIMPES.

3. ARIZONA GLOBAL CAMPUS

Coming soon

4. TUNING

About the project and Sintonía

Sintonía was born in 2012 as an UPAEP initiative and as a result of the collaboration with the "Institute of Strategy and Competitiveness of Harvard Business School" with the purpose of turning Puebla in a more competitive region.

In 2001 and 2002, Puebla remained in the positions number 26 and 28 in terms of competitiveness in relation with 32 states of Mexico. Sintonía´s impact has grown around the country and nowadays its expanding through the whole country.

Sintonia boosts competitiveness in 3 ways, Education, Analysis and research and Cluster Intervention in Mexico, it develops and implements economic development strategies.

Síntonia is focused in the Microeconomics of Competitiveness course that is offered as a member of the Harvard Net directed by the "Institute of Strategy and Competitiveness the Harvard Business School" of the Dr. Michael Porter.

Sintonía and the Institute of Strategy and Competitiveness at Harvard Business School, developed the cluster map and calculated the Social Progress Index in a dynamic way in order to reflect the economic and social situation of each state in Mexico.
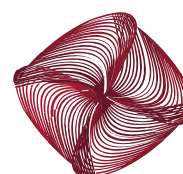
Automotive Cluster Performance in Mexican States by Employment, 2003 - 2018
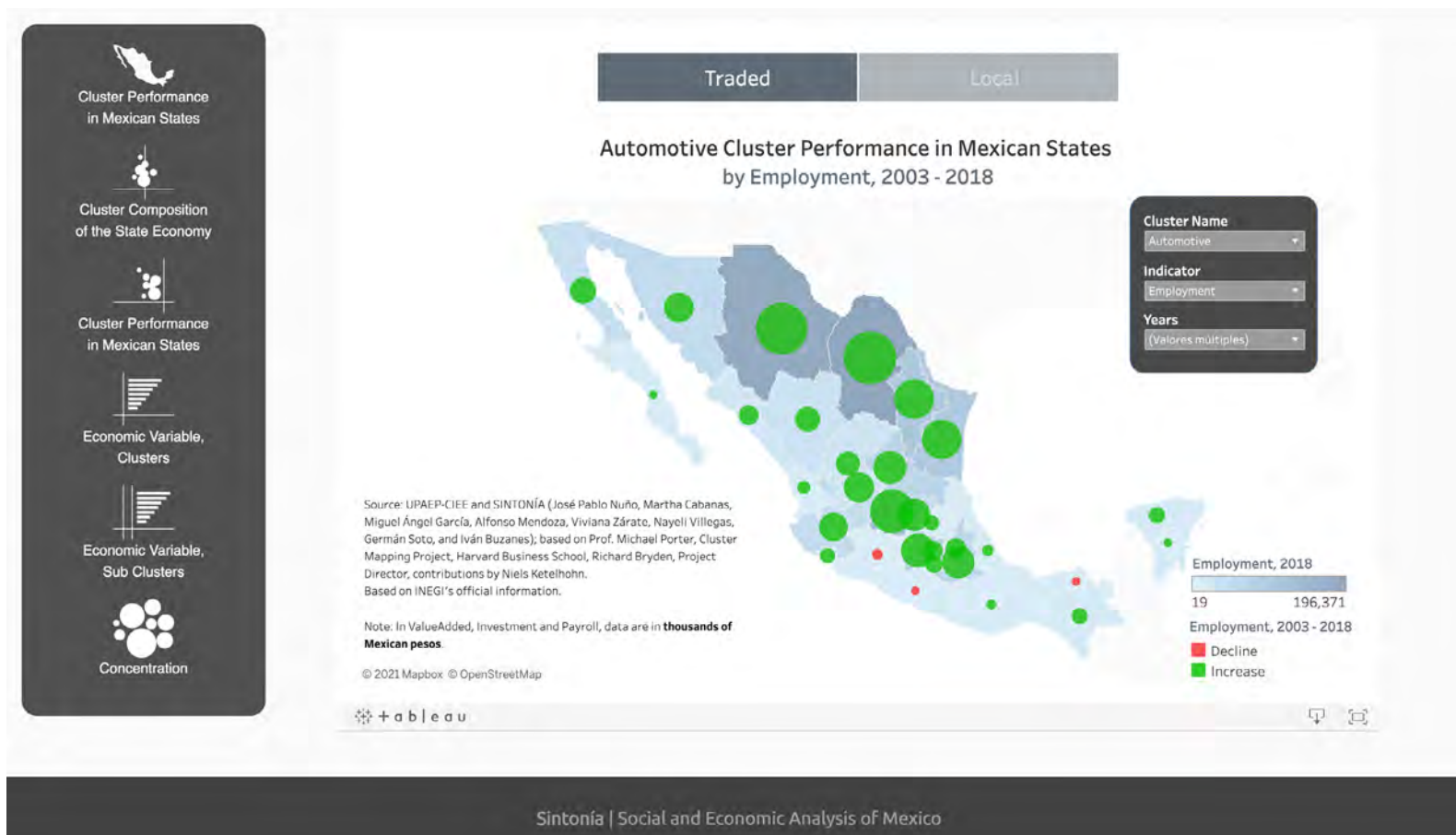
About cluster map

The Cluster Map reflects the composition of the employment, value added, investment and payroll of the relevant clusters of each state in the country.

As an example, Puebla the automotive cluster is one of the most representatives compared with others. Puebla´s employment has been growing in the last 10 years with 6% of the national total.

Graphics show the cluster performance in Mexican states in terms of employment, value added, investment, and payroll.

The graphic of the automotive cluster, shows that in the last 10 years the state of Coahuila has presented a significant grow in the rate of employment and share market in comparison with the other states in Mexico.

Sintonía is committed to go further than improve the economy of Puebla and the region. In order to promote inclusive social progress Sintonía along with the leadership of Social Progress Imperative calculated Social Progress Index for each municipality in Mexico.

About Social Progress Index

The Social Progress Index (SPI) measures the extent to which countries provide for the social and environmental needs of their citizens. It is a metric that let us know how well a region is doing in order to get the 17 Sustainable Development Goals established by ONU to get in 2030.

SPI combines three dimensions:

- Basic human needs

    - Opportunities

        - Foundations of well-being

For each dimension there are four variables that measures the extent in which a country, municipality or city satisfies basic social and environmental needs of its citizens in a sustainable way.

Índice de Progreso Social Municipios de Puebla
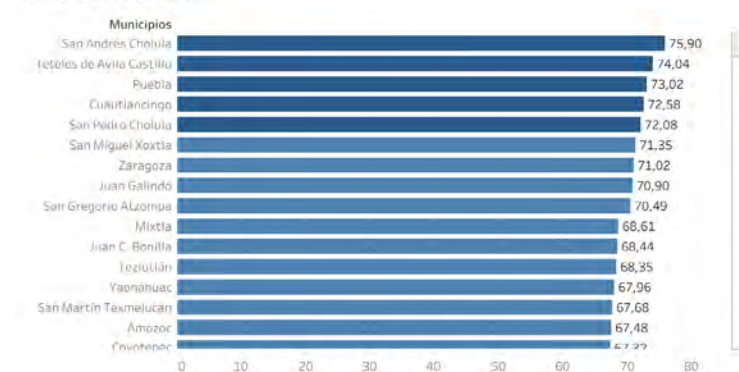
5. EDUCATION USA

For more information, please visit:

Click Here   *https://educationusa.state.gov*

ENTREPRENEURSHIP

Currently, the entrepreneurship program consists of a transversal, institutional line of training that has a space in the curricula of all grounded education undergraduate programs, with the following educational goals:

-Identify the elements of entrepreneurship and self-knowledge that determine the development of an entrepreneurial project.

-Design innovative, sustainable, and replicable business models with social relevance.

-Value their professional contribution by recognizing social problems to propose solutions with an entrepreneurial attitude.

The entrepreneurship program is supported by additional training activities consisting of conferences, workshops, testimonials, competitions, linkages, etc. All of this with the intention to generate an internal ecosystem and environments that inspire and support the student by reinforcing their integral formation. Since the end of 2019, the business incubator was integrated in to the academy and the spirit of business creation has been brought to the classroom. The student, who so wishes, can create his incubated Company. This is supported with the Emprende Aguila Program that consists of personalized tutoring for entrepreneurship model.

PROFESSIONAL
INTERSHIPS

Professional internships are activities that allow students to develop and put into practice specific disciplinary competencies, generating work experience under the supervision of an expert in the field, in a company, organization or institution, while at the same time creating networks of contacts that will facilitate their insertion into the labor market.

General characteristics of Professional Internships:

- They can be carried out by undergraduate or graduate students.

- Their activities are developed around a project that responds to specific needs, with a determined duration and related to their professional career.

- They can only be carried out after having completed 50% of their academic credits.

- The school insurance covers the internship period.

- No employment relationship is established.

- For professional internships abroad you must meet special requirements with your link.

ACADEMIC AFFAIRS, CULTURE AND LEADERSHIP

- FINE ART AND CULTURE, UPAEP MUSEUM

- MENTORING

- SOCIAL SERVICE

ATLETHICS

The mission of UPAEP sports is to contribute to the formation, projection and integration of the community through a permanent and attractive sports practice based on the values of our institutional philosophy.

Sports are a complement to the integral formation, developing attitudes, habits, interests, skills and competencies. It also integrates the person who practices it, favoring the sense of belonging, team spirit and identification by living the institutional values.

Representative selections: The sport in our teams projects the institutional image at a regional, national and international level with a high level of competitiveness.

with a high level of competitiveness. UPAEP is a founding member of the National Sports Commission of Private Institutions (CONADEIP), made up of more than 140 private institutions of higher education nationwide.

The National Council of Student Sports (CONDDE) each year holds a tournament among 300 institutions to select Mexico's to select Mexico's representatives for the World University World University Games, which are held every two years. 2 years.

UPAEP's sports workshops are for students of all educational levels, staff and graduates. They have trained coaches and instructors:

Workshop offerings:

- Swimming
- Weights and physical conditioning
- Multi-training
- Tennis
- Taekwondo
- Basketball
- Volleyball
- Box
- Crossfit

INTRAMURAL TOURNAMENT

The intramural tournament seeks, through the practice of sports, to complement the integral formation at a recreational and competitive level of the UPAEP Community.

PARTICIPANTS

- Chess
- Tennis
- Swimming
- Table Tennis
- Mixed Volleyball
- Indoor Soccer
- Fast Soccer
- Resistance with Weights
- Multi-training
- Basketball

FINE ARTS AND CULTURE, UPAEP MUSEUM

UPAEP has a wide range of artistic and cultural proposals for our university community and for society in general.

The Department of Fine Arts and Cultural Projection of UPAEP offers a space to contribute to the integral formation of students, as well as to provide the necessary knowledge to cultivate the integral-holistic growth, awakening sensitivity and values through culture and the arts through workshops, events and cultural publications.

Offer Of Literary Workshops

Short Story
Creative Writing
Mini Fiction
Novel

Offer Of Dance Workshops

Neoclassical/Contemporary
Polynesian Dances
Folkloric Dances
Multidisciplinary Dance
Arab Dance
Ballet
Latin Dances
Pilates
Zumba
Yoga

Theater

Representative Theater Company
Initiation To Theater
Theatrical Reinforcement
Clown Infraganti

Offer Of Music Workshops

Classical Guitar
Electric Guitar
Flamenco Guitar
Acoustic Rock Guitar
Drums
Violin
Piano
Audio Production
Song
Upaep Musical Group
Upaep Jazz Band
Chamber Choir
Chamber Music Ensemble
Upaep Tuna

Plastic Arts Workshops

Painting
Sculpture And Modeling
Anatomical Drawing
Artistic Photography
Orchid

Workshops For Children

Drawing And Painting
Piano
Classical Dance (Ballet)
Beginning Acoustic Guitar

Spaces

1 University Theater
1 Recording Studio
1 Agora
1 Reading Area
1 Exhibition Hall
Museo Upaep

The Museum is a university space for meeting and communication with the community through various artistic and cultural activities, both inside and outside the museum.

Through temporary exhibitions, social programs and academic programs, it seeks to bring people closer to art and contribute to social welfare.

With its collections, made up of works such as sculptures and paintings from the 18th to the 20th centuries, it generates interdisciplinary research with the collaboration of students, students, academics and researchers.

Every year it organizes the International Meeting of Museums in Puebla, in order to professionalize the work of museums.

The Evocarte program (While memory fades, art evokes it) promotes the participation of older adults in cultural activities, strengthening their cognitive, social and motor abilities through observation and artistic workshops.

Inclusive Museum

The Hospital Museum program seeks to foster the integral development of hospitalized children through cultural, recreational and integration activities.

The Arte Andante program consists of traveling exhibitions of painting and photography that, in collaboration with cultural and educational institutions in the interior of the state of Puebla, bring the plastic arts closer to the population.

The program Relacionarte from the curatorial practice, collaborates with students, teachers from UPAEP and other institutions that generate research on the collections of the UPAEP Museum.

The program Juego y Aprendo, art and culture for all, offers guided tours, cultural activities and courses, for children and young people with disabilities to stimulate the development of cognitive, sensory and social skills.

The program Diagnosticarte, your senses in art, contributes to the formation of humanistic physicians and develops greater sensory sensitivity and acuity through art.

Services

Courses And Guided Tours For People With Disabilities (Inclusive Museum).

Guided Tours For Schools And Companies

Courses On Art Themes

Cultural Trips

My Friday At Upaep Museum

Permanent Seminar: Meetings, Reflections And Experiences

MENTORING

WHAT IS THE PFIE?

The Integral Student Formation Plan contributes to the achievement of our institutional purpose of offering an integral formation for a transforming leadership, recognizing and favoring the co-curricular and extracurricular formation programs that you carry out throughout your university life.

An integral formation that allows you to develop a congruent, committed and transcendent life project.

How does it work?

Through a personalized accompaniment and the training spaces that the university offers you, you will have the possibility to discover, develop and grow in your different dimensions.

The dimensions considered by the PFI.e are:

- Plan and capabilities for life
- Healthy lifestyles
- Arts and Culture
- Global Thinking
- Spiritual Development
- Professional Development
- University life and social commitment

What activities are part of the PFI.e?

Understanding that you live your training experiences in different spaces and dynamics, the PFI.e considers not only the learning processes that take place in the classroom but also everything that contributes and contributes to your transformational leadership.

Leadership and action activities

Boards, student groups, representative teams, social impact projects, research, missions, international experiences, among others.

Training cycles

Cycles of conferences, congresses, growth hours, courses, workshops and diploma courses, among others.

Other complementary activities to train in the institutional learning outcome approach.

Pastoral care of Culture

UPAEP opens its doors to all people of diverse religious confessions and from its Catholic Identity proposes a space for students and professors who share the same faith and people of good will to participate in service and religious activities to strengthen their personal life from a transcendent perspective.

There are several pastoral groups that support the living of faith and service to the needy.

In the Pastoral team there are priests, religious and lay people committed to celebrate the liturgy, for spiritual accompaniment, preparation in the Sacraments and guidance of youth groups.

Activities include missions, pilgrimages, spiritual retreats open to the participation of all those interested in knowing and living their faith life in a more committed way.

Our Archbishop of Puebla, Monsignor Victor Sanchez Espinoza has appointed Father Gabriel Menendez as our chaplain.

In a special way the University is consecrated to Christ the King and the Virgin of Guadalupe. In every campus of the university you will find a chapel for the celebration of Mass and spiritual accompaniment.

SOCIAL
SERVICE

Professional internships are activities that allow students to develop and put into practice specific disciplinary competencies, generating work experience under the supervision of an expert in the field, in a company, organization or institution, while at the same time creating networks of contacts that will facilitate their insertion into the labor market.

Pursuant to Articles 52 and 55 of the Law Regulating Article 5 of the Constitution, social service is mandatory for all undergraduate students.

Professional internships are activities that allow students to develop and put into practice specific disciplinary competencies, generating work experience under the supervision of an expert in the field, in a company, organization or institution, while at the same time creating networks of contacts that will facilitate their insertion into the labor market.

Pursuant to Articles 52 and 55 of the Law Regulating Article 5 of the Constitution, social service is mandatory for all undergraduate students.

5° Constitutional of the United Mexican States, social service is mandatory for all undergraduate students, as a prerequisite to obtain a professional degree.

In accordance with Article 53 of the Law Regulating Article 5 of the Constitution of the United Mexican States, "social service" is understood as work of a temporary nature and through formative retribution, performed and rendered by professionals and students in the interest of society and of the State.

The importance of social service in the UPAEP community is explained and supported in point 75 of Chapter IV of our Ideology:

"The primary purpose of our university is to introduce students to the knowledge and analysis of the social, economic and political problems of our homeland, and to create awareness of their responsibility in promoting the common good. For this reason, we consider social service as an essential part of the students' formation, which, while collaborating in the development of the community, brings them closer to the most needy social sectors, and forms in them a sense of solidarity and service that permeates the future exercise of their profession".

The social service consists of the student having a life experience where he/she collaborates directly for the benefit of his/her fellow man and society, bringing him/her closer to the most needy social sectors and to form a sense of solidarity and service that complements their professional practice and leadership.

The social service must be performed for a period of no less than six months and covering a total of 480 hours.

INSTITUTIONAL
CATALOG **2021-2022**