
BUSINESS ADMINISTRATION COLLEGE

BACHELOR OF ARTS	Ensenada	Mexicali	Tijuana
Marketing Management	•	•	•
Business Administration	•	•	•
International Business	•	•	•
International Public Accounting		•	•
Service Management			•
Graphic Design	•	•	
Law		•	•

GRADUATE STUDIES	Ensenada	Mexicali	Tijuana
Master's Degree in Administration with concentration in: Marketing, Human Resources, Finances, Public Administrations=, High Administration, International Business, Supply Chain, Quality, Economical Development or Agro-business.	•	•	•

Director of the Business Administration College

Federico Sada de la Mora

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CPI INTERNATIONAL PUBLIC ACCOUNTING

Course ID	Course	Class Hours	Lab Hours	Units	Course ID	Course	Class Hours	Lab Hours	Units
1ST SEMESTER					5th SEMESTER				
CB400	FINANCIAL ACCOUNTING I	4	0	8	CB402	ADMINISTRATIVE ACCOUNTING	4	0	8
AD400	ADMINISTRATION	4	0	8	CB405	AUDITING I	4	0	8
DE400	PRIVATE LAW	4	0	8	DE402	INT'L LAW AND CUSTOMS	4	0	8
CS400	ADVANCED COMM. IN SPANISH	4	0	8	CS402	RESEARCH METHODOLOGY	4	0	8
EC400	GLOB. AND ECON. DEVELOP.	4	0	8	ID400	ADVANCED COMM. IN ENGLISH	4	0	8
		20	0	40			20	0	40
2nd SEMESTER					6th SEMESTER				
CB401	FINANCIAL ACCOUNTING II	4	0	8	FZ401	FINANCIAL MANAGEMENT	4	0	8
MA400	MATHEMATICS	4	0	8	CB406	AUDITING II	4	0	8
CC415	MANAGEMENT INFO. SYSTEMS	4	0	8	IM401	INTERNATIONAL TAX ISSUES I	4	0	8
EC401	ECONOMY	4	0	8	IM402	PEOPLE INCOME TAX	4	0	8
CS401	THINKING SKILLS	4	0	8	HU401	MAN, HISTORY AND SOCIETY	4	0	8
CS403	CULTURE I	2	0	4			20	0	40
		22	0	44					
3rd SEMESTER					7th SEMESTER				
FZ400	FINANCIAL ANALYSIS	4	0	8	AD402	ENTREPRENEURIAL DEVELOP.	4	0	8
MA410	STATISTICS	4	0	8	FZ403	PLANNING AND FIN. CONTROL	4	0	8
MK400	MARKETING ADMINISTRATION	4	0	8	IM403	INTERNATIONAL TAX ISSUES	4	0	8
DE401	LABOR LAW AND SOCIAL SEC.	4	0	8	IM404	PEOPLE INCOME TAX	4	0	8
HU400	MAN AND ENVIRONMENT	4	0	8	HU402	MAN AND ETHICS	4	0	8
CS404	CULTURE II	2	0	4			20	0	40
		22	0	44					
4th SEMESTER					8th SEMESTER				
CO400	COSTS	4	0	8	FZ402	INVESTMENT PROJECT	4	0	8
RI400	HUM. RESOURCE MANAGEMENT	4	0	8	FZ404	FINANCIAL MARKETS	4	0	8
CB403	HIGHER ACCOUNTING	4	0	8	FZ405	INTERNATIONAL FINANCES	4	0	8
CB404	INTERNATIONAL ACCOUNTING	4	0	8	AD407	STRATEGIC MANAGEMENT	4	0	8
DE405	FISCAL LAW	4	0	8	AD418	GLOBAL ORG. MANAG.	4	0	8
		20	0	40			20	0	40

LAE BUSINESS ADMINISTRATION

Course ID	Course	Class Hours	Lab Hours	Units	Course ID	Course	Class Hours	Lab Hours	Units
1ST SEMESTER					5th SEMESTER				
CB400	FINANCIAL ACCOUNTING I	4	0	8	CB402	ADMINISTRATIVE ACCOUNTING	4	0	8
AD400	ADMINISTRATION	4	0	8	IM400	FINANCIAL FRAMEWORK	4	0	8
DE400	PRIVATE LAW	4	0	8	MK401	MARKET STUDY INTERPRETATION	4	0	8
CS400	ADVANCED COMM. IN SPANISH	4	0	8	CS402	RESEARCH METHODOLOGY	4	0	8
EC400	GLOB. AND ECON. DEVELOPMENT	4	0	8	ID400	ADVANCED COMM. IN ENGLISH	4	0	8
		20	0	40			20	0	40
2nd SEMESTER					6th SEMESTER				
CB401	FINANCIAL ACCOUNTING II	4	0	8	FZ401	FINANCIAL MANAGEMENT	4	0	8
MA400	MATHEMATICS	4	0	8	II414	PRODUCTION SYST. MANAGEMENT	4	0	8
CC415	MANAGEMENT INFO. SYSTEMS	4	0	8	II415	SUPPLIER DEVELOPMENT METHODOLOGY FOR SYSTEM	4	0	8
EC401	ECONOMY	4	0	8	II416	IMPROVEMENT	4	0	8
CS401	THINKING SKILLS	4	0	8	HU401	MAN, HISTORY AND SOCIETY	4	0	8
CS403	CULTURE I	2	0	4			20	0	40
		22	0	44					
3rd SEMESTER					7th SEMESTER				
FZ400	FINANCIAL ANALYSIS	4	0	8	AD402	ENTREPRENEURIAL DEVELOPMENT	4	0	8
MA410	STATISTICS	4	0	8	AD403	PROJECT MANAGEMENT	4	0	8
MK400	MARKETING ADMINISTRATION	4	0	8	AD404	BUSINESS	4	0	8
DE401	LABOR LAW AND SOCIAL SECURITY	4	0	8	AD405	AUDITING AND BUSINESS ADVISING	4	0	8
HU400	MAN AND ENVIRONMENT	4	0	8	HU402	MAN AND ETHICS	4	0	8
CS404	CULTURE II	2	0	4			20	0	40
		22	0	44					
4th SEMESTER					8th SEMESTER				
CO400	COSTS	4	0	8	FZ402	INVESTMENT PROJECT	4	0	8
RI400	HUMAN RESOURCE MANAGEMENT	4	0	8	AD406	MANAGEMENT PHILOSOPHY	4	0	8
RI401	HUMAN BEHAVIOR IN THE ORG.	4	0	8	AD407	STRATEGIC MANAGEMENT	4	0	8
MA408	QUANTITATIVE MODELS SMALL AND MEDIUM BUSINESS	4	0	8	AD408	LEADERSHIP LESSONS	4	0	8
AD401	MANAGEMENT AND FRANCHISES	4	0	8	AD409	HIGH ADMINISTRATION SEMINAR	4	0	8
		20	0	40			20	0	40

LNI INTERNATIONAL BUSINESS

Course ID	Course	Class Hours	Lab Hours	Units	Course ID	Course	Class Hours	Lab Hours	Units
1ST SEMESTER					5th SEMESTER				
CB400	FINANCIAL ACCOUNTING I	4	0	8	CB402	ADMINISTRATIVE ACCOUNTING	4	0	8
AD410	INTRO TO INT'L BUSINESS	4	0	8	MK417	INTERNATIONAL AMRKETING	4	0	8
DE400	PRIVATE LAW	4	0	8	EC402	CUSTOMS AND FOREIGN TRADE	4	0	8
CS400	ADVANCED COMM. IN SPANISH	4	0	8	CS402	RESEARCH METHODOLOGY	4	0	8
EC400	GLOB. AND ECON. DEVELOPMENT	4	0	8	ID400	ADVANCED COMM. IN ENGLISH	4	0	8
		20	0	40			20	0	40
2nd SEMESTER					6th SEMESTER				
CB401	FINANCIAL ACCOUNTING II	4	0	8	FZ401	FINANCIAL MANAGEMENT	4	0	8
MA400	MATHEMATICS	4	0	8	IM405	BUSINESS FINANCIAL FRAMEWORK COMPARED FOREIGN COMMERCE	4	0	8
AD400	ADMINISTRATION	4	0	8	DE403	LEGISLATION	4	0	8
EC401	ECONOMY	4	0	8	DE404	INT'L BUSINESS LAW	4	0	8
CS401	THINKING SKILLS	4	0	8	HU401	MAN, HISTORY AND SOCIETY	4	0	8
CS403	CULTURE I	2	0	4			20	0	40
		22	0	44					
3rd SEMESTER					7th SEMESTER				
FZ400	FINANCIAL ANALYSIS	4	0	8	AD411	INT'L COMMERCE ENTREPRENEURS	4	0	8
MA410	STATISTICS	4	0	8	FZ405	INTERNATIONAL FINANCES	4	0	8
	HUMAN RESOURCE								
RI400	MANAGEMENT	4	0	8	AD412	INT'L BUSINESS STRATEGIES	4	0	8
CS405	COMPARED CULTURES	4	0	8	EC403	INT'L MARKETING ANALYSIS	4	0	8
HU400	MAN AND ENVIRONMENT	4	0	8	HU402	MAN AND ETHICS	4	0	8
CS404	CULTURE II	2	0	4			20	0	40
		22	0	44					
4th SEMESTER					8th SEMESTER				
CO400	COSTS	4	0	8	AD413	INT'L BUSINESS SEMINAR	4	0	8
CC415	MANAGEMENT INFO. SYSTEMS	4	0	8	AD414	MULTINATIONAL CORPORATION PLANNING	4	0	8
MK400	MARKETING ADMINISTRATION	4	0	8	AD415	INT'L BUSINESS PROJECT BUSINESS, LOGISTICS, AND	4	0	8
DE401	LABOR LAW AND SOCIAL SECURITY	4	0	8	AD416	TRANSPORTATION	4	0	8
RI402	TRANSCULTURAL BEHAVIOR	4	0	8	AD417	INT'L PROMOTION STRATEGIES	4	0	8
		20	0	40			20	0	40

LAM MARKETING ADMINISTRATION

Course ID	Course	Class Hours	Lab Hours	Units	Course ID	Course	Class Hours	Lab Hours	Units
1ST SEMESTER					5th SEMESTER				
CB400	FINANCIAL ACCOUNTING I	4	0	8	CB402	ADMINISTRATIVE ACCOUNTING	4	0	8
DE400	PRIVATE LAW	4	0	8	MK405	CONSUMER'S BEHAVIOR	4	0	8
MK402	INTRO TO MARKETING	4	0	8	MK406	ADVERTISING	4	0	8
CS400	ADVANCED COMM. IN SPANISH	4	0	8	CS402	RESEARCH METHODOLOGY	4	0	8
EC400	GLOB. AND ECON. DEVELOPMENT	4	0	8	ID400	ADVANCED COMM. IN ENGLISH	4	0	8
		20	0	40			20	0	40
2nd SEMESTER					6th SEMESTER				
CB401	FINANCIAL ACCOUNTING II	4	0	8	FZ401	FINANCIAL MANAGEMENT	4	0	8
MA400	MATHEMATICS	4	0	8	MK407	MARKETING STRATEGIES	4	0	8
AD400	ADMINISTRATION	4	0	8	MK408	MARKET RESEARCH	4	0	8
EC401	ECONOMY	4	0	8	MK409	DETAILED MARKETING	4	0	8
CS401	THINKING SKILLS	4	0	8	HU401	MAN, HISTORY AND SOCIETY	4	0	8
CS403	CULTURE I	2	0	4			20	0	40
		22	0	44					
3rd SEMESTER					7th SEMESTER				
FZ400	FINANCIAL ANALYSIS	4	0	8	AD402	ENTREPRENEURIAL DEVELOPMENT DEV. OF NEW PRODUCTS AND	4	0	8
MA410	STATISTICS	4	0	8	MK410	BRANDS	4	0	8
MK400	MARKETING ADMINISTRATION	4	0	8	MK411	SALES PROMOTION AND PR ADMINISTRATION AND SALES	4	0	8
CC415	MANAGEMENT INFO SYSTEMS	4	0	8	MK412	PROCESS	4	0	8
HU400	MAN AND ENVIRONMENT	4	0	8	HU402	MAN AND ETHICS	4	0	8
CS404	CULTURE II	2	0	4			20	0	40
		22	0	44					
4th SEMESTER					8th SEMESTER				
CO400	COSTS HUMAN RESOURCE	4	0	8	MK413	MARKETING SEMINAR INDUSTRIAL AND SERVICES	4	0	8
RI400	MANAGEMENT	4	0	8	MK414	MARKETING	4	0	8
DE401	LABOR LAW AND SOCIAL SECURITY	4	0	8	MK415	MARKETING DECISION MAKING	4	0	8
MK403	MARKETING INTEGRAL COM.	4	0	8	MK416	INTERNET MARKETING	4	0	8
MK404	VISUAL MARKETING	4	0	8	MK417	INTERNATIONAL MARKETING	4	0	8
		20	0	40			20	0	40

LAM SERVICE MANAGEMENT

Course ID	Course	Class Hours	Lab Hours	Units	Course ID	Course	Class Hours	Lab Hours	Units
1ST SEMESTER					5th SEMESTER				
CB400	FINANCIAL ACCOUNTING I	4	0	8	CB402	ADMINISTRATIVE ACCOUNTING	4	0	8
DE400	PRIVATE LAW INTRO TO SERVICE MANAGEMENT	4	0	8	MK405	CONSUMER'S BEHAVIOR	4	0	8
MK402	MANAGEMENT	4	0	8	AD423	MAPPING PROCESSES	4	0	8
CS400	ADVANCED COMM. IN SPANISH	4	0	8	CS402	RESEARCH METHODOLOGY	4	0	8
EC400	GLOB. AND ECON. DEVELOPMENT	4	0	8	HU400	MAN AND ENVIRONMENT	4	0	8
		20	0	40			20	0	40
2nd SEMESTER					6th SEMESTER				
CB401	FINANCIAL ACCOUNTING II	4	0	8	FZ401	FINANCIAL MANAGEMENT	4	0	8
MA400	MATHEMATICS	4	0	8	AD424	SERVICE OPERATION MANAGEMENT II	4	0	8
AD400	ADMINISTRATION	4	0	8	MK420	INT'L SERVICES MARKETING	4	0	8
EC401	ECONOMY	4	0	8	AD425	QUALITY SERVICE MANAGEMENT	4	0	8
CS401	THINKING SKILLS	4	0	8	HU401	MAN, HISTORY AND SOCIETY	4	0	8
CS403	CULTURE I	2	0	4			20	0	40
		22	0	44					
3rd SEMESTER					7th SEMESTER				
FZ400	FINANCIAL ANALYSIS	4	0	8	AD402	ENTREPRENEURIAL DEVELOPMENT	4	0	8
MA410	STATISTICS	4	0	8	AD426	BUSINESS	4	0	8
MK400	MARKETING ADMINISTRATION	4	0	8	AD427	CUSTOMER SERVICE SYSTEMS	4	0	8
CC415	MANAGEMENT INFO SYSTEMS ADVANCED COMMUNICATION IN	4	0	8	AD428	SUPPLY CHAIN MANAGEMENT	4	0	8
ID400	ENGLISH	4	0	8	HU402	MAN AND ETHICS	4	0	8
CS404	CULTURE II	2	0	4			20	0	40
		22	0	44					
4th SEMESTER					8th SEMESTER				
CO400	COSTS	4	0	8	AD429	ASSESSMENT SERVICE SYSTEM	4	0	8
RI400	HUMAN RESOURCE MANAGEMENT	4	0	8	AD430	SERVICE SYSTEMS MANAGEMENT	4	0	8
DE401	LABOR LAW AND SOCIAL SECURITY	4	0	8	AD431	LOGISTICS STRATEGIC MANAGEMENT CONTEMPORARY SERVICE	4	0	8
AD422	SERVICE OPERATION MANAGEMENT I	4	0	8	AD432	MANAGEMENT ELECTIVE	4	0	8
MK418	SERVICE MARKETING	4	0	8			4	0	8
		20	0	40			20	0	40

LD LAW

Course ID	Course	Class Hours	Lab Hours	Units	Course ID	Course	Class Hours	Lab Hours	Units
1ST SEMESTER					5th SEMESTER				
DE406	THEORY OF LAW	4	0	8	DE422	CONTRACTS	4	0	8
DE407	ROMAN LAW	4	0	8	DE423	COMMERCIAL LAW II	4	0	8
DE408	CONTEMPORARY LEGAL SYSTEMS	4	0	8	DE424	ORDERS OF PROTECTION I	4	0	8
CS401	THINKING SKILLS	4	0	8	CS402	RESEARCH METHODOLOGY	4	0	8
CS400	ADVANCED COMMUNICATION IN SPANISH	4	0	8	DE425	ADMINISTRATIVE LAW AND SOCIAL SECURITY	4	0	8
		20	0	40			20	0	40
2nd SEMESTER					6th SEMESTER				
DE409	FAMILY AND SUCCESSION LAW	4	0	8	DE426	PROCEDURAL AND COMMERCIAL LAW	4	0	8
DE410	CRIMINAL LAW I	4	0	8	DE427	ORDERS OF PROTECTION II	4	0	8
DE411	LABOR LAW I	4	0	8	DE405	FISCAL LAW	4	0	8
DE412	THEORY OF STATE	4	0	8	HU401	MAN, HISTORY AND SOCIETY	4	0	8
EC400	GLOBALIZATION AND ECONOMICAL DEVELOPMENT	4	0	8	DE428	INTERNATIONAL PUBLIC AND PRIVATE LAW	4	0	8
CS403	CULTURE I	2	0	4			20	0	40
		22	0	44					
3rd SEMESTER					7th SEMESTER				
DE413	GOODS AND REAL RIGHTS	4	0	8		FISCAL AND ADMINISTRATIVE PROCEDURAL LAW	4	0	8
DE414	CRIMINAL LAW II	4	0	8	DE429	LAW	4	0	8
DE415	CONSTITUTIONAL LAW	4	0	8	DE430	CUSTOMS AND FOREIGN TRADE LAW	4	0	8
DE416	GENERAL THEORY OF PROCESS	4	0	8	DE431	PHILOSOPHY OF LAW	4	0	8
ID400	ADVANCED COMMUNICATION IN ENGLISH	4	0	8	HU400	MAN AND ENVIRONMENT	4	0	8
CS404	CULTURE II	2	0	4		ELECTIVE I	4	0	8
		22	0	44			20	0	40
4th SEMESTER					8th SEMESTER				
DE417	OBLIGATIONS	4	0	8	DE432	COPYRIGHT LAW	4	0	8
DE418	LABOR LAW II	4	0	8		ALTERNATIVE METHODS FOR CONFLICT RESOLUTION	4	0	8
DE419	COMMERCIAL LAW I	4	0	8	DE433	RESOLUTION	4	0	8
DE420	CRIMINAL PROCEDURAL LAW	4	0	8	DE434	TREATIES AND COMMERCIAL AGREEMENTS	4	0	8
DE421	CONSTITUTIONAL RIGHTS	4	0	8	HU402	MAN AND ETHICS	4	0	8
		20	0	40		ELECTIVE II	4	0	8
							20	0	40

LDG GRAPHIC DESIGN

Course ID	Course	Class Hours	Lab Hours	Units	Course ID	Course	Class Hours	Lab Hours	Units
1ST SEMESTER					5th SEMESTER				
DG401	INTRODUCTION TO DESIGN	4	0	8	DG429	VISUAL COMMUNICATION COMPANY MANAGEMENT	4	0	8
DG402	THEORY OF COLOR	4	0	8	DG417	PHOTOGRAPHY AND DIGITAL STUDIO	4	0	8
DG403	DRAWING I	4	0	8	DG418	ILLUSTRATION	4	0	8
CS401	THINKING SKILLS	4	0	8	DG419	CORPORATE IDENTITY	4	0	8
DG404	PUBLICITY WRITING	4	0	8	EC400	GLOBALIZATION AND ECONOMIC DEVELOPMENT	4	0	8
		20	0	40			20	0	40
2nd SEMESTER					6th SEMESTER				
DG405	VISUAL COMMUNICATION THEORY	4	0	8	DG420	BRAND IMAGING	4	0	8
DG406	PHOTOGRAPHY	4	0	8	DG421	PRINTING SYSTEMS	4	0	8
DG407	TYPOGRAPHY	4	0	8	DG422	EDITORIAL DESIGN	4	0	8
DG408	DRAWING II	4	0	8	DG423	CONTAINER, LABELING AND DISPLAY	4	0	8
CS400	ADVANCE COMMUNICATION IN SPANISH	4	0	8	HU400	MAN AND ENVIRONMENT	4	0	8
DG409	HISTORY OF GRAPHIC ARTS I	2	0	4			20	0	40
		22	0	44					
3rd SEMESTER					7th SEMESTER				
MK400	MARKETING MANAGEMENT	4	0	8	PU400	ADVERTISING	4	0	8
DG410	TYPOGRAPHY II	4	0	8	DG424	DIGITAL PRE PRESS	4	0	8
DG411	DRAWING OF THE HUMAN FORM	4	0	8	DG425	INTERNET DESIGN	4	0	8
DG412	GRAPHIC DESIGN	4	0	8	DG426	AUDIOVISUAL MEDIA	4	0	8
ID400	ADVANCED COMMUNICATION IN ENGLISH	4	0	8	HU401	MAN AND SOCIETY	4	0	8
DG413	HISTORY OF GRAPHIC ARTS II	2	0	4			20	0	40
		22	0	44					
4th SEMESTER					8th SEMESTER				
DE417	CONSUMER BEHAVIOR	4	0	8	DG430	VISUAL PROJECT MANAGEMENT	4	0	8
MK405	RESEARCH METHODOLOGY	4	0	8	DG427	PROFESSIONAL PORTFOLIOS	4	0	8
CS402	INTRODUCTION TO DESIGN BY COMPUTER	4	0	8	DG428	MULTIMEDIA	4	0	8
DG415	TECHNICAL DRAWING	4	0	8	HU402	MAN AND ETHICS	4	0	8
DG416	SIGNAGE	4	0	8		ELECTIVE I	4	0	8
		20	0	40			20	0	40

MAD MASTER'S DEGREE IN ADMINISTRATION

COMMON CORE (6 COURSES):

- | | |
|----------------------------|----------------------------|
| *HUMAN RESOURCE MANAGEMENT | *OPERATIONS MANAGEMENT |
| *MARKETING MANAGEMENT | *FINANCIAL MACROECONOMY |
| *STRATEGIC MANAGEMENT | *FINANCIAL ADMINISTRATION |
| DECISION MAKING STATISTICS | *ADMINISTRATIVE ACCOUNTING |

CONCENTRATION AREA (4 COURSES):

- FINANCES
- WORKING CAPITAL
- MARKETING MONEY AND CAPITAL
- FINANCIAL THEORY AND ANALYSIS
- BUSINESS FINANCIAL FRAMEWORK
- FINANCIAL ENGINEERING
- CORPORATE FINANCES
- INTERNATIONAL FINANCES
- INTERNATIONAL ACCOUNTING
- MICROECONOMY
- FORMULATION AND ASSESSMENT OF INVESTMENT PROJECTS
- RISK MANAGEMENT

ECONOMICAL DEVELOPMENT

- ECONOMICAL DEVELOPMENT (BASIC COURSE)
- REGIONAL ECONOMICAL DEVELOPMENT
- ECONOMIC AND INDUSTRIAL PROMOTION
- ECONOMICAL DEVELOPMENT PLANNING
- ECONOMICAL GEOGRAPHY
- PUBLIC POLICIES
- TECHNOLOGY MANAGEMENT
- ADVANCED INDUSTRIAL PROMOTION
- PUBLIC AND PRIVATE INFRASTRUCTURE DEVELOPMENT LAB
- BUSINESS RELOCATION, RETENTION AND GROWTH
- THE FAMILY BUSINESS

HIGH ADMINISTRATION

- HIGH ADMINISTRATION
- PROJECT MANAGEMENT
- STRATEGIC ADVISING
- CORPORATE LAW
- DEVELOPMENT OF BUSINESS PLANS
- ENTREPRENEURIAL DEVELOPMENT
- BUSINESS ETHICS AND VALUES
- THE FAMILY BUSINESS
- LEADERSHIP AND SUSTAINABLE DEVELOPMENT

SUPPLY CHAIN

- OPERATIONS MANAGEMENT
- LEAN MANUFACTURING
- SUPPLY CHAIN MANAGEMENT
- LOGISTICS AND DISTRIBUTION

MARKETING

- MARKET RESEARCH
- INTERNATIONAL MARKETING
- ADVERTISING AND SALES PROMOTION
- SALES ADMINISTRATION
- CONSUMER'S BEHAVIOR
- MARKETING SEMINAR
- STRATEGIES FOR NEW PRODUCTS AND SERVICES
- E-BUSINESS
- SERVICES MARKETING
- SOCIAL MARKETING
- POLITICS MARKETING

CONCENTRATION AREA (4 COURSES):

INTERNATIONAL BUSINESS

- INTERNATIONAL BUSINESS
- TRANSCULTURAL MANAGEMENT
- INTERNATIONAL ACCOUNTING
- BUSINESS FISCAL LAW
- INTERNATIONAL FINANCES
- INTERNATIONAL STRATEGIC MANAGEMENT
- FOREIGN TRADE AND CUSTOMS LAW
- INTERNATIONAL LOGISTICS
- INTERNATIONAL ECONOMICAL DEVELOPMENT
- ECONOMICAL GEOGRAPHY
- MEXICO AND BUSINESS TREATIES
- SMALL AND MEDIUM BUSINESSES AND GLOBAL MARKETS

HUMAN RESOURCES

- PERSONNEL INTEGRATION
- TRAINING AND DEVELOPMENT
- PRODUCTIVITY AND LABOR QUALITY
- LABOR RELATIONS
- ORGANIZATIONAL DEVELOPMENT
- WAGES AND COMPENSATIONS
- BUSINESS COMMUNICATION
- LABOR COMPETENCIES

- ERGONOMICS AND OCCUPATIONAL HEALTH
- ORGANIZATIONS PSYCHOLOGY
- TRANSCULTURAL MANAGEMENT
- MEXICANS' PSYCHOLOGY

PUBLIC MANAGEMENT

- POLITICAL SCIENCES
- MEXICAN POLITICAL SYSTEM
- PUBLIC POLITICS
- PUBLIC ADMINISTRATION
- ETHICS IN PUBLIC CHARGES
- STATE AND MUNICIPAL ADMINISTRATION
- PUBLIC FINANCES
- REGIONAL ECONOMICAL DEVELOPMENT
- GOVERNMENT MODERNIZATION
- COMPARED PUBLIC POLITICS
- CONSTITUTIONAL RIGHTS
- ADMINISTRATIVE LAW
- CULTURE OF LAW
- PUBLIC TRANSBORDER ADMINISTRATION
- ADMINISTRATION OF NON-GOVERNMENT AGENCIES
- GOVERNMENT ADMINISTRATION

QUALITY

- THE FAMILY BUSINESS
- TOTAL QUALITY MANAGEMENT
- QUALITY NORMS SYSTEMS
- QUALITY ENGINEERING
- PRODUCTION SYSTEMS
- JAPANESE TECHNIQUES
- MANUFACTURING TECHNIQUES

ELECTIVE AREA (3 COURSES IN ANY TYPE OF PROGRAM)

MAJOR FIELD OF STUDIES: MAKE AN APPLICATION PROJECT

ENGINEERING COLLEGE

ENGINEERINGS	Ensenada	Mexicali	Tijuana
Computer Science Engineering		•	•
Electronic Cybernetics Engineering	•	•	•
Industrial Engineering	•	•	•
Digital Graphic Design Engineering		•	•
Mechatronics	•	•	•
Mechanical Engineering	•	•	•
Software Engineering	•		

GRADUATE STUDIES	Ensenada	Mexicali	Tijuana
Master's Degree in: Engineering, Industrial Engineering, Materials and Logistics Administration, Quality and Productivity, Manufacturing Design Processes, Networks and Telecommunications, Automation and Control, Distributed Computer Systems, Microelectronics and Semiconductors, Environment and Sustainable Development, Aerospace Engineering.	•	•	•

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ICC COMPUTER SCIENCE ENGINEERING

Course ID	Course	Class Hours	Lab Hours	Units	Course ID	Course	Class Hours	Lab Hours	Units
1ST SEMESTER					5th SEMESTER				
MA400	MATHEMATICS	4	0	8	MA405	STATISTICS INFERENCE	4	0	8
CC400	PROGRAMMING METHODS I	4	0	8	MA406	MULTIVARIANT CALCULATION	4	0	8
CC401	INTRODUCTION TO COMPUTER SCIENCE	4	0	8	CC406	OPERATING SYSTEMS	4	0	8
CS401	THINKING SKILLS	4	0	8	CC407	ADVANCED PROGRAMMING	4	0	8
EC400	GLOBALIZATION AND ECONOMICAL DEVELOPMENT	4	0	8	ID400	ADVANCED COMMUNICATION IN ENGLISH	4	0	8
		20	0	40			20	0	40
2nd SEMESTER					6th SEMESTER				
MC400	COMPUTER SKETCHING	4	0	8	CC408	INFORMATION SYSTEMS DESIGN AND ANALYSIS	4	0	8
MA401	DIFFERENTIAL CALCULUS	4	0	8	CC409	DATABASE SYSTEMS	4	0	8
CC402	PROGRAMMING METHODS I	4	0	8	CC410	AUTOMATION THEORY	4	0	8
FI400	PHYSICS	4	0	8	CS402	RESEARCH METHODOLOGY	4	0	8
CC403	COMPUTER COMPONENTS AND SYSTEMS	4	0	8	HU400	MAN AND ENVIRONMENT	4	0	8
CS403	CULTURE I	2	0	4		ELECTIVE I			
		22	0	44			20	0	40
3rd SEMESTER					7th SEMESTER				
MA402	INTEGRAL CALCULUS	4	0	8	SI401	DISTRIBUTED SYSTEM TOPICS	4	0	8
FI401	PHYSICS II	4	0	8	CC411	COMPUTER NETWORKS APPLICATIONS	4	0	8
MA403	NUMERICAL METHODS	4	0	8	CE401	ARTIFICIAL INTELLIGENCE	4	0	8
CC404	DATA STRUCTURE	4	0	8	HU401	MAN AND ETHICS	4	0	8
CS400	ADVANCED COMMUNICATION IN SPANISH	4	0	8		ELECTIVE II	4	0	8
CS404	CULTURE II	2	0	4			20	0	40
		22	0	44					
4th SEMESTER					8th SEMESTER				
MA404	PROBABILITY	4	0	8	CC412	VISUAL PROJECT MANAGEMENT	4	0	8
CC405	ALGORITHMS DESIGN AND ANALYSIS	4	0	8	CE402	PROFESSIONAL PORTFOLIOS	4	0	8
FI402	PHYSICS III	4	0	8	CC413	MULTIMEDIA	4	0	8
SI400	DATABASE DESIGN	4	0	8	HU402	MAN AND ETHICS	4	0	8
CE400	COMPUTER CONTROLLING	4	0	8		ELECTIVE I	4	0	8
		20	0	40			20	0	40

ICE CYBERNETIC ELECTRONICS ENGINEERING

Course ID	Course	Class Hours	Lab Hours	Units	Course ID	Course	Class Hours	Lab Hours	Units
1ST SEMESTER					5th SEMESTER				
MA400	MATHEMATICS	4	0	8	MA405	STATISTICS INFERENCE	4	0	8
CC400	PROGRAMMING METHODS I	4	0	8	CC404	DATA STRUCTURE	4	0	8
CE403	INTRODUCTION TO ELECTRONIC CYBERNETICS	4	0	8	CC406	OPERATING SYSTEMS	4	0	8
CS401	THINKING SKILLS	4	0	8	CE408	ANALOG ELECTRONICS I	4	0	8
EC400	GLOBALIZATION AND ECONOMICAL DEVELOPMENT	4	0	8	ID400	ENGLISH	4	0	8
		20	0	40			20	0	40
2nd SEMESTER					6th SEMESTER				
MC400	COMPUTER SKETCHING	4	0	8	CE409	MICRO PROCESSOR DESIGN	4	0	8
MA401	DIFFERENTIAL CALCULUS	4	0	8	CE410	ANALOG ELECTRONICS II	4	0	8
CC402	PROGRAMMING METHODS I	4	0	8	CE411	CONTROL SYSTEMS	4	0	8
FI400	PHYSICS	4	0	8	CS402	RESEARCH METHODOLOGY	4	0	8
CE404	DIGITAL ELECTRONICS I	4	0	8	HU400	MAN AND ENVIRONMENT	4	0	8
CS403	CULTURE I	2	0	4			20	0	40
		22	0	44					
3rd SEMESTER					7th SEMESTER				
MA402	INTEGRAL CALCULUS	4	0	8	CE412	INTERFACE DESIGN	4	0	8
FI401	PHYSICS II	4	0	8	CE413	COMPUTER NETWORKS	4	0	8
MA403	NUMERICAL METHODS	4	0	8	CE414	POWER ELECTRONICS	4	0	8
CE405	DIGITAL ELECTRONICS II	4	0	8	HU401	MAN , HISTORY AND SOCIETY	4	0	8
CS400	ADVANCED COMMUNICATION IN SPANISH	4	0	8		ELECTIVE I	4	0	8
CS404	CULTURE II	2	0	4			20	0	40
		22	0	44					
4th SEMESTER					8th SEMESTER				
MA404	PROBABILITY	4	0	8	CC414	SELECT PROGRAMMING TOPICS	4	0	8
MA407	DIFFERENTIAL EQUATIONS	4	0	8		COMPUTER NETWORK	4	0	8
FI402	PHYSICS III	6	0	8	CE402	APPLICATIONS	4	0	8
CE406	COMPUTER ARCHITECTURE	6	0	8	CE415	MECHATRONICS	4	0	8
CE407	ELECTRIC CIRCUITS	4	0	8	HU402	MAN AND ETHICS	4	0	8
		24	0	40		ELECTIVE II	4	0	8
							20	0	40

IND INDUSTRIAL ENGINEERING

Course ID	Course	Class Hours	Lab Hours	Units	Course ID	Course	Class Hours	Lab Hours	Units
1ST SEMESTER					5th SEMESTER				
MA400	MATHEMATICS	4	0	8	MA405	STATISTICS INFERENCE	4	0	8
CC400	PROGRAMMING METHODS I	4	0	8	MA406	MULTIVARIATE CALCULUS	4	0	8
CE403	INTRODUCTION TO INDUSTRIAL ENGINEERING	4	0	8	II403	INDUSTRIAL ELECTRONICS	4	0	8
CS401	THINKING SKILLS	4	0	8	II404	ENGINEERING METHODS	4	0	8
EC400	GLOBALIZATION AND ECONOMICAL DEVELOPMENT	4	0	8	ID400	ADVANCED COMMUNICATION IN ENGLISH	4	0	8
		20	0	40			20	0	40
2nd SEMESTER					6th SEMESTER				
MC400	COMPUTER SKETCHING	4	0	8		PRODUCTION SYSTEMS			
MA401	DIFFERENTIAL CALCULUS	4	0	8	II405	ENGINEERING	4	0	8
CC402	PROGRAMMING METHODS I	4	0	8	II406	QUALITY ENGINEERING I	4	0	8
FI400	PHYSICS I	4	0	8	II407	OPERATION RESEARCH METHODS I	4	0	8
MF400	PROPERTIES OF MATERIALS	4	0	8	CS402	RESEARCH METHODOLOGY	4	0	8
CS403	CULTURE I	2	0	4	HU400	MAN AND ENVIRONMENT	4	0	8
		22	0	44			20	0	40
3rd SEMESTER					7th SEMESTER				
MA402	INTEGRAL CALCULUS	4	0	8		PRODUCTION SYSTEMS			
FI401	PHYSICS II	4	0	8	II408	ENGINEERING	4	0	8
MA403	NUMERICAL METHODS	4	0	8	II409	EXPERIMENT DESIGN	4	0	8
MF401	MATERIAL MANUFACTURING	4	0	8	II410	OPERATION RESEARCH MODELS II	4	0	8
CS400	ADVANCED COMMUNICATION IN SPANISH	4	0	8	HU401	MAN , HISTORY AND SOCIETY	4	0	8
CS404	CULTURE II	2	0	4		ELECTIVE I	4	0	8
		22	0	44			20	0	40
4th SEMESTER					8th SEMESTER				
MA404	PROBABILITY	4	0	8		PRODUCTION SYSTEMS			
MA407	DIFFERENTIAL EQUATIONS	4	0	8	II411	ENGINEERING III	4	0	8
FI402	PHYSICS III	6	0	8	II412	ECONOMICS ENGINEERING	4	0	8
II401	INDUSTRIAL CHEMISTRY	6	0	8	II413	SYSTEMS SIMULATION	4	0	8
II402	INDUSTRIAL ADMINISTRATION	4	0	8	HU402	MAN AND ETHICS	4	0	8
		24	0	40		ELECTIVE II	4	0	8
							20	0	40

IDGD DIGITAL GRAPHIC DESIGN ENGINEERING

Course ID	Course	Class Hours	Lab Hours	Units	Course ID	Course	Class Hours	Lab Hours	Units
1ST SEMESTER					5th SEMESTER				
DG400	INTRODUCTION TO DIGITAL GRAPHIC DESIGN ENGINEERING	4	0	8	DG435	GLOBAL IMAGE MANUAL	4	0	8
CC400	PROGRAMMING METHODS I	4	0	8	DG436	DIGITAL PHOTOGRAPHY	4	0	8
MA400	MATHEMATICS	4	0	8	CC404	DATA STRUCTURE	4	0	8
MC400	COMPUTER DRAWING	4	0	8	MA413	STATISTICS AND PROBABILITY	4	0	8
CS401	THINKING SKILLS	4	0	8	EC400	GLOBALIZATION AND ECONOMIC DEVELOPMENT	4	0	8
		20	0	40			20	0	40
2nd SEMESTER					6th SEMESTER				
CC402	PROGRAMMING METHODS II	4	0	8	SI403	DATA BASES	4	0	8
MA411	SELECT MATHEMATICAL TOPICS I	4	0	8	DG437	ELECTRONIC MEDIA DESIGN	4	0	8
DG431	CONTEMPORARY STYLES	4	0	8	MK400	MARKETING MANAGEMENT	4	0	8
DG432	NATURAL DRAWING	4	0	8	CS402	RESEARCH METHODOLOGY	4	0	8
CS400	ADVANCED COMMUNICATION IN SPANISH	4	0	8	HU400	MAN AND ENVIRONMENT	4	0	8
CS403	CULTURE I	2	0	4			20	0	40
		22	0	44					
3rd SEMESTER					7th SEMESTER				
MA412	SELECT MATHEMATICAL TOPICS I	4	0	8	DG418	VIDEO PRODUCTION	4	0	8
CC416	MULTIMEDIA PROGRAMMING	4	0	8	DG438	DIGITAL MODELING	4	0	8
DG433	VISUAL COMPOSITION	4	0	8	CC406	OPERATING SYSTEMS	4	0	8
DG442	TWO-DIMENSIONAL ILLUSTRATION AND ANIMATION	4	0	8	DG419	MULTIMEDIA	4	0	8
ID400	ADVANCED COMMUNICATION IN ENGLISH	4	0	8	HU401	MAN, HISTORY, AND SOCIETY	4	0	8
CS404	CULTURE II	2	0	4			20	0	40
		22	0	44					
4th SEMESTER					8th SEMESTER				
DG441	METHODOLOGY OF DESIGN	4	0	8	DG420	3D ANIMATION	4	0	8
FI403	CONCEPTUAL PHYSICS	4	0	8		NETWORK AND INFORMATION			
CC421	COMPUTER GRAPHICS	4	0	8	CE417	TRANSFER	4	0	8
DG434	GENERAL TYPOGRAPHY	4	0	8	DG439	E-BUSINESS	4	0	8
CC403	COMPUTER SYSTEMS COMPONENTS	4	0	8	DG440	STRATEGIC BUSINESS DEVELOPMENT	4	0	8
		20	0	40	HU402	MAN AND ETHICS	4	0	8
							20	0	40

IMEC MECHATRONICS ENGINEERING

Course ID	Course	Class Hours	Lab Hours	Units	Course ID	Course	Class Hours	Lab Hours	Units
1ST SEMESTER					5th SEMESTER				
MA400	MATHEMATICS	4	0	8	MC415	INTRODUCTION TO DESIGN	4	0	8
CC400	PROGRAMMING METHODS I	4	0	8	MA406	MULTIVARIATE CALCULUS	4	0	8
CE058	INTRODUCTION TO MECHATRONICS	4	0	8	MC410	MECHANISM DYNAMICS	4	0	8
CS401	THINKING SKILLS	4	0	8	CE059	ELECTRONIC SYSTEMS I	4	0	8
CS400	ADVANCED COMMUNICATION IN SPANISH	4	0	8	EC400	GLOBALIZATION AND ECONOMICAL DEVELOPMENT	4	0	8
		20	0	40			20	0	40
2nd SEMESTER					6th SEMESTER				
MC400	COMPUTER SKETCHING	4	0	8	MC407	ELECTRO PNEUMATICS AND HYDRAULICS	4	0	8
MA401	DIFFERENTIAL CALCULUS	4	0	8	CE060	ELECTRONIC SYSTEMS II	4	0	8
CC402	PROGRAMMING METHODS II	4	0	8	CE061	INDUSTRIAL AUTOMATION AND ROBOTICS	4	0	8
FI400	PHYSICS I	4	0	8	CS402	RESEARCH METHODOLOGY	4	0	8
MF400	PROPERTIES OF MATERIALS	4	0	8	HU400	MAN AND ENVIRONMENT	4	0	8
CS403	CULTURE I	2	0	4			20	0	40
		22	0	44					
3rd SEMESTER					7th SEMESTER				
MA402	INTEGRAL CALCULUS	4	0	8	CE414	PROPULSION ELECTRONICS	4	0	8
FI401	PHYSICS II	4	0	8	CE062	PROGRAMMABLE CONTROLLERS	4	0	8
MA403	NUMERICAL METHODS	4	0	8	CE063	SENSORS AND ACTUATORS	4	0	8
MF401	MATERIAL MANUFACTURING	4	0	8	HU401	MAN, HISTORY AND SOCIETY	4	0	8
ID400	ADVANCED COMMUNICATION IN ENGLISH	4	0	8	CE401	COMPUTER NETWORKS	4	0	8
CS404	CULTURE II	2	0	4			20	0	40
		22	0	44					
4th SEMESTER					8th SEMESTER				
MA404	PROBABILITY	4	0	8	MC414	HEAT TRANSFERENCE	4	0	8
MA407	DIFFERENTIAL EQUATIONS	4	0	8	CE402	COMPUTER NETWORKS APPLICATIONS	4	0	8
FI402	PHYSICS III	6	0	8	CE064	MECHATRONIC PROTOTYPE MODELING	4	0	8
MC402	MATERIALS MECHANICS	4	0	8	HU402	MAN AND ETHICS	4	0	8
MF402	COMPUTER MANUFACTURING	4	0	8	CE065	MICROCONTROLLER DESIGN	4	0	8
		22	0	40			20	0	40

IM MECHANICAL ENGINEERING

Course ID	Course	Class Hours	Lab Hours	Units	Course ID	Course	Class Hours	Lab Hours	Units
1st SEMESTER					5th SEMESTER				
MA400	MATHEMATICS	4	0	8	MA406	MULTIVARIATE CALCULUS	4	0	8
CC400	PROGRAMMING METHODS I INTRODUCTION TO MECHANICAL	4	0	8	MC403	FLUID MECHANICS	4	0	8
MC401	ENGINEERING	4	0	8	MC404	INTRODUCTION TO DESIGN	4	0	8
CS401	THINKING SKILLS	4	0	8	MC405	PHYSICAL METALLURGY	4	0	8
EC400	GLOBALIZATION AND ECONOMICAL DEVELOPMENT	4	0	8	ID400	ADVANCED COMMUNICATION IN ENGLISH	4	0	8
		20	0	40			20	0	40
2nd SEMESTER					6th SEMESTER				
MC400	COMPUTER SKETCHING	4	0	8	MC406	FINITE MODELING	4	0	8
MA401	DIFFERENTIAL CALCULUS	4	0	8	MC407	ELECTRO PNEUMATICS AND HYDRAULICS	4	0	8
CC402	PROGRAMMING METHODS II	4	0	8	MC408	THERMODYNAMICS	4	0	8
FI400	PHYSICS I	4	0	8	CS402	RESEARCH METHODOLOGY	4	0	8
MF400	PROPERTIES OF MATERIALS	4	0	8	HU400	MAN AND ENVIRONMENT	4	0	8
CS403	CULTURE I	2	0	4			20	0	40
		22	0	44					
3rd SEMESTER					7th SEMESTER				
MA402	INTEGRAL CALCULUS	4	0	8	MC409	ENGINEERING DESIGN	4	0	8
FI401	PHYSICS II	4	0	8	MC410	MECHANISM DYNAMICS	4	0	8
MA403	NUMERICAL METHODS	4	0	8	MC411	CONTROL AND AUTOMATION	4	0	8
MF401	MATERIAL MANUFACTURING	4	0	8	HU401	MAN , HISTORY AND SOCIETY	4	0	8
CS400	ADVANCED COMMUNICATION IN SPANISH	4	0	8		ELECTIVE I	4	0	8
CS404	CULTURE II	2	0	4			20	0	40
		22	0	44					
4th SEMESTER					8th SEMESTER				
MA404	PROBABILITY	4	0	8	MC412	MECHANICAL EXPERIMENTAL ANALYSIS	4	0	8
MA407	DIFFERENTIAL EQUATIONS	4	0	8	MC413	PLANT ENGINEERING	4	0	8
FI402	PHYSICS III	6	0	8	MC414	HEAT TRANSFERENCE	4	0	8
MC402	MATERIAL MECHANICS	4	0	8	HU402	MAN AND ETHICS	4	0	8
MF402	COMPUTER MANUFACTURING	4	0	8		ELECTIVE II	4	0	8
		22	0	40			20	0	40

Course ID	Course	Class Hours	Lab Hours	Units	Course ID	Course	Class Hours	Lab Hours	Units
1ST SEMESTER					5th SEMESTER				
MA400	MATHEMATICS	4	0	8	MA405	STATISTIC INFERENCE	4	0	8
CS400	PROGRAMMING METHODS I INTRODUCTION TO SOFTWARE ENGINEERING	4	0	8	CC084	SOFTWARE ENGINEERING II	4	0	8
CC089	ENGINEERING	4	0	8	CC406	OPERATING SYSTEMS	4	0	8
CS401	THINKING SKILLS	4	0	8	CC083	MOBILE PROGRAMMING GLOBALIZATION AND ECONOMICAL DEVELOPMENT	4	0	8
CS400	SPANISH	4	0	8	EC400	DEVELOPMENT	4	0	8
		20	0	40			20	0	40
2nd SEMESTER					6th SEMESTER				
MC400	COMPUTER SKETCHING	4	0	8	CC090	SOFTWARE PROJECT MANAGEMENT	4	0	8
MA401	DIFFERENTIAL CALCULUS	4	0	8	CC409	DATA BASE SYSTEMS	4	0	8
CS402	PROGRAMMING METHODS II	4	0	8	CC085	SOFTWARE ENGINEERING III	4	0	8
FI400	PHYSICS I COMPUTER SYSTEMS AND COMPONENTS	4	0	8	CS402	RESEARCH METHODOLOGY	4	0	8
CC403	COMPUTER SYSTEMS AND COMPONENTS	4	0	8	HU401	MAN, HISTORY AND SOCIETY	4	0	8
CS403	CULTURE I	2	0	4			20	0	40
		22	0	44					
3rd SEMESTER					7th SEMESTER				
MA402	INTEGRAL CALCULUS	4	0	8	CC087	SMART BUSINESS SYSTEMS	4	0	8
FI401	PHYSICS II	4	0	8	CC091	AGILE DEVELOPMENT OF SYSTEMS	4	0	8
MA403	NUMERICAL METHODS	4	0	8	CE401	COMPUTER NETWORKS	4	0	8
CS404	DATA STRUCTURE ADVANCED COMMUNICATION IN ENGLISH	4	0	8	HU400	MAN AND ENVIRONMENT	4	0	8
ID400	ENGLISH	4	0	8		ELECTIVE I	4	0	8
CS404	CULTURE II	2	0	4			20	0	40
		22	0	44					
4th SEMESTER					8th SEMESTER				
MA404	PROBABILITY	4	0	8		INFORMATION TECHNOLOGY MANAGEMENT	4	0	8
MA407	DIFFERENTIAL EQUATIONS	4	0	8	CC092	MANAGEMENT	4	0	8
FI402	PHYSICS III	6	0	8	CE066	NETWORK AND SECURITY MANAGEMENT	4	0	8
CC082	SOFTWARE ENGINEERING I	4	0	8	CC088	DISTRIBUTED COMPUTER TECHNOLOGIES	4	0	8
SI400	DATA BASE DESIGN	4	0	8	HU402	MAND AND ETHICS	4	0	8
		22	0	40		ELECTIVE II	4	0	8
							20	0	40

COMMON CORE (6 COURSES):

- DECISION MAKING STATISTICS
- RESEARCH METHODOLOGY
- STATISTIC MODELS
- DECISION SUPPORT SYSTEMS
- STRATEGY AND COMPETITIVENESS
- PROJECT MANAGEMENT

CONCENTRATION AREA (7 COURSES)**CONTROL AND AUTOMATION**

- CONTROL SYSTEMS FUNDAMENTALS
- PROGRAMMABLE CONTROL LAB
- INSTRUMENTS AND PROCESS CONTROL
- DIGITAL CONTROL LAB
- MANUFACTURING AUTOMATION AND CONTROL
- OBJECT PROGRAMMING AND CONTROL
- INTELLIGENT CONTROL SYSTEMS

MATERIALS AND LOGISTICS ADMINISTRATION

- SUPPLY CHAIN ADMINISTRATION
- LEAN MANUFACTURE
- PREDICTION AND PLANNING MODELS
- INVENTORY ADMINISTRATION
- PRODUCTION AREA CONTROL
- LOGISTICS AND DISTRIBUTION
- SYSTEMS SIMULATOR

NETWORKS AND TELECOMMUNICATIONS

- TELECOMMUNICATION FUNDAMENTALS
- NETWORK DESIGN AND CONNECTIVITY
- HIGH PERFORMANCE NETWORKS
- WIRELESS NETWORKS
- SECURITY AND NETWORK ENVIRONMENT
- INFORMATION AND CODIFICATION THEORY
- NETWORK SERVICE INTEGRATION

INDUSTRIAL ADMINISTRATION

- MANUFACTURING STRATEGIES
- MANUFACTURING SYSTEMS DESIGN
- PLANT OPERATION MANAGEMENT
- INTERNATIONAL LOGISTICS AND OPERATIONS
- ECONOMICAL ASSESSMENT OF INDUSTRIAL PROJECTS
- HUMAN RESOURCE SEMINAR
- MARKETING SEMINAR

QUALITY AND PRODUCTIVITY

- TOTAL QUALITY MANAGEMENT
- QUALITY SYSTEMS AND NORMS
- QUALITY ENGINEERING
- STATISTIC MODELS TO IMPROVE QUALITY
- PRODUCTION SYSTEMS
- APPLICATION OF OPTIMIZATION MODELS I
- APPLICATION OF OPTIMIZATION MODELS II

CONCENTRATION REA (7 COURSES)

DISTRIBUTED COMPUTER SYSTEMS

- ARCHITECTURE AND SOFTWARE DEVELOPMENT
- NETWORKS AND DISTRIBUTED SYSTEMS
- ADVANCED OBJECT PROGRAMMING
- OBJECT AND DATA SYSTEMS
- DISTRIBUTED SYSTEMS DESIGN
- INTEGRATION OF HETEROGENEOUS SYSTEMS
- MOBILE COMPUTING

MANUFACTURING DESIGN AND PROCESSES

- MATHEMATICAL MODELS OF MECHANICAL SYSTEMS
- EXPERIMENTAL ANALYSIS OF MECHANICAL PARTS
- PRODUCT PROTOTYPE GENERATION
- ENERGETIC DESIGN OF CAD-CAE TOOLS
- MATERIALS ENGINEERING
- THERMO-FLUID FUNDAMENTALS
- THERMAL SYSTEMS DESIGN AND APPLICATION

COMMON CONCENTRATION CORE FOR THE MASTER'S DEGREE IN SUSTAINABLE DEVELOPMENT

SUSTAINABLE DEVELOPMENT

- SOCIETY AND ENVIRONMENT
- ENVIRONMENT CONTAMINATION
- ENVIRONMENT EDUCATION
- SUSTAINABLE DEVELOPMENT
- DECISION MAKING STATISTICS
- RESEARCH METHODOLOGY

CONCENTRATION CORE FOR THE MASTER'S DEGREE IN SUSTAINABLE DEVELOPMENT

- ADMINISTRATION AND ENVIRONMENT MANAGEMENT
- ENVIRONMENT POLICIES
- ENVIRONMENT ADMINISTRATION SYSTEMS
- ENVIRONMENT SECURITY SYSTEMS

ENVIRONMENTAL ENGINEERING

- ENVIRONMENTAL ENGINEERING
- QUALITY ENVIRONMENT MODELS
- ENVIRONMENTAL IMPACT
- INTEGRAL RESIDUE MANAGEMENT

SUSTAINABLE DEVELOPMENT

- SUSTAINABLE INDICATORS
- ENVIRONMENTAL ECONOMY
- ENVIRONMENTAL PROJECT EVALUATION
- GLOBALIZATION AND ENVIRONMENT

MAJOR FIELD OF STUDIES: MAKE AN APPLICATION PROJECT

IN ADDITION, THERE IS THE MASTER'S DEGREE IN ENGINEERING WHERE STUDENTS STUDY THE COMMON CORE COURSES, AND CHOOSES SEVEN COURSES FROM ANY OF THE PROGRAMS WITH AN APPLICATION PROJECT.

HUMANITIES COLLEGE

BACHELOR OF ARTS	Ensenada	Mexicali	Tijuana
BACHELOR OF ARTS IN PSYCHOLOGY			
• Clinical		☀	☀
• Educational		☀	☀
• Organizationall		☀	☀
• Child		☀	☀
Bachelor of Arts in Education Science			☀

GRADUATE STUDIES	Ensenada	Mexicali	Tijuana
Master's Degree in Psychology with concentration in: Clinical, Family Therapy, Special Education, and Criminology.		•	•
Master's Degree in Education with concentration in: Legal Culture, Special Education, and Organizational Development.		•	•
Master's Degree in Criminology	•	•	•

Ma. del Carmen Echeverría del Valle

Director of the Humanities College
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 email: echeverría@cetys.mx

Course ID	Course	Class Hours	Lab Hours	Units	Course ID	Course	Class Hours	Lab Hours	Units
1ST SEMESTER					5th SEMESTER				
	CONTEMPORARY EDUCATION AND ITS PURPOSES	4	0	8		PARADIGMS OF EDUCATIONAL RESEARCH	4	0	8
	ADVANCED COMMUNICATION IN SPANISH	4	0	8		GLOBALIZATION AND ECONOMICAL DEVELOPMENT	4	0	8
	INFORMATION MANAGEMENT	4	0	8		SOCIOLOGY OF EDUCATION II	4	0	8
	PHILOSOPHY OF EDUCATION I	4	0	8		CURRICULUM AND LEARNING FACILITATION	4	0	8
	THINKING SKILLS	4	0	8		EDUCATION AND VALUES	4	0	8
		20	0	40		ELECTIVE I	20	0	40
2nd SEMESTER					6th SEMESTER				
	ADMINISTRATION	4	0	8		EDUCATIONAL PRACTICUM II	4	0	8
	PHILOSOPHY OF EDUCATION II	4	0	8		MAN, HISTORY AND SOCIETY	4	0	8
	PSYCHOLOGY OF EDUCATION	4	0	8		EDUCATION AND INFORMATION SOCIETY	4	0	8
	MAN AND ENVIRONMENT	4	0	8		LEARNING ASSESSMENT	4	0	8
	LEARNING THEORIES	4	0	8		QUALITATIVE RESEARCH IN EDUCATION I	4	0	8
	CULTURE I	2	0	4		ELECTIVE II	20	0	40
		22	0	44					
3rd SEMESTER					7th SEMESTER				
	EDUCATION EPISTEMOLOGY	4	0	8		EDUCATIONAL POLICIES	4	0	8
	ADVANCED COMMUNICATION IN ENGLISH	4	0	8		HUMAN RESOURCES ADMINISTRATION	4	0	8
	HISTORY OF EDUCATION IN MEXICO	4	0	8		FOUNDATIONS OF DISTANCE EDUCATION	4	0	8
	CURRICULUM AND POST MODERNITY	4	0	8		QUALITY RESEARCH IN EDUCATION II	4	0	8
	PSYCHOLOGY OF EDUCATION II	4	0	8		EDUCATIONAL PRACTICUM III	4	0	8
	CULTURE II	2	0	4		ELECTIVE III			
		22	0	44			20	0	40
4th SEMESTER					8th SEMESTER				
	HISTORY OF EDUCATION IN MEXICO	4	0	8		LEARNING THEORY THROUGH ELECTRONIC MEDIA	4	0	8
	EDUCATIONAL PRACTICUM	4	0	8		ENVIRONMENTAL EDUCATION	4	0	8
	CURRICULAR DESIGN	6	0	8		INTEGRATING SEMINAR	4	0	8
	RESEARCH METHODOLOGY	4	0	8		EDUCATIONAL MANAGEMENT	4	0	8
	SOCIOLOGY OF EDUCATION	4	0	8		MAN AND ETHICS	4	0	8
		22	0	40		ELECTIVE IV	20	0	40

COMMON CORE (8 COURSES):

- ASSESSMENT TECHNIQUES
- PSYCHOPATHOLOGY SEMINAR
- DEVELOPMENT PSYCHOLOGY SEMINAR
- INSTRUMENT DESIGN
- SOCIAL BEHAVIOR SEMINAR
- PSYCHOLOGY OF MEXICANS SEMINAR
- GROUP BEHAVIOR SEMINAR
- RESEARCH METHODOLOGY

CONCENTRATION AREA (7 COURSES):**CLINICAL PSYCHOLOGY**

- CLINICAL INTERVIEW
- CLINICAL WORK WITH CHILDREN AND ADOLESCENTS
- ASSESSMENT INSTRUMENTS
- DIAGNOSTIC INTEGRATION
- PSYCHOTHERAPY PRINCIPLES AND METHODS I (DYNAMIC FOCUS)
- PSYCHOTHERAPY PRINCIPLES AND METHODS II (COGNITIVE-BEHAVIOR PERSPECTIVE)
- GROUP PSYCHOTHERAPY

SPECIAL EDUCATION

- DIAGNOSTIC AND ASSESSMENT OF SPECIAL EDUCATION
- SPECIAL EDUCATION MODEL COMPARISON ANALYSIS
- COGNITIVE PROCESSES DEVELOPMENT
- NEUROPSYCHOLOGY ASSESSMENT
- TEACHING STRATEGIES SHOP I
- TEACHING STRATEGIES SHOP II

ORGANIZATIONAL DEVELOPMENT

- STRESS AND LIFE QUALITY AT WORK
- MOTIVATION AND PRODUCTIVITY
- ORGANIZATIONAL DEVELOPMENT
- ORGANIZATIONAL BEHAVIOR, THEORY AND DESIGN
- HUMAN RESOURCE ADMINISTRATION
- ADMINISTRATION IN A TRANSCULTURAL CONTEXT
- DIRECTIVE SKILLS (HIGH ADMINISTRATION)

FAMILY THERAPY

- FAMILY FUNCTIONALITY AND MALFUNCTIONALITY
- FAMILY THERAPY THEORY MODELS
- SYSTEMATIC THINKING IN FAMILY THERAPY
- FAMILY DIAGNOSTIC INTERVIEW
- THERAPY AND FAMILY CHANGE
- COUPLES THERAPY

- THE THERAPIST'S FAMILY OF ORIGIN

CRIMINOLOGY

- ETHICS AND HUMAN RIGHTS SEMINAR
- CRIMINOLOGY SEMINAR
- CRIMINAL SOCIOLOGY SEMINAR
- INTERNATIONAL CRIMINAL POLICIES
- CRIMINAL STATISTICS AND INFORMATION SYSTEMS

MAJOR FIELD OF STUDIES: INTEGRATIVE SEMINAR

MASTER'S DEGREE IN EDUCATION

COMMON CORE (9 COURSES):

- EDUCATION FOR THE 21ST CENTURY
- CURRICULAR AND INSTRUCTIONAL DEVELOPMENT
- LEARNING FACILITATION
- LEARNING THROUGH TECHNOLOGY
- LEARNING ASSESSMENT
- EDUCATION RESEARCH
- EDUCATION PSYCHOLOGY
- EDUCATION ADMINISTRATION
- GENERAL DIDACTICS

CONCENTRATION CORE (4 COURSES):

SPECIAL EDUCATION

- PSYCHOLOGY DEVELOPMENT
- FAMILY FUNCTIONALITY AND MALFUNCTIONALITY
- SPECIAL EDUCATION DIAGNOSTIC AND ASSESSMENT
- SPECIAL EDUCATION MODEL COMPARISON ANALYSIS
- LEARNING PROBLEMS AND POOR SCHOOL PERFORMANCE
- COGNITIVE PROCESS DEVELOPMENT
- TEACHING STRATEGIES SHOP I
- TEACHING STRATEGIES SHOP II

ORGANIZATIONAL DEVELOPMENT

- STRESS AND QUALITY LIFE AT WORK
- MOTIVATION AND PRODUCTIVITY
- ORGANIZATIONAL DEVELOPMENT
- HUMAN RESOURCE ADMINISTRATION
- HUMAN COMMUNICATION THEORY
- ORGANIZATIONAL BEHAVIOR, THEORY AND DESIGN
- HIGH ADMINISTRATION
- ETHICS AND VALUES DURING THE EXERCISE OF THE PROFESSION

LEGAL CULTURE

- MEXICAN POLITIC SYSTEM
- LEGAL CULTURE
- JUSTICE AND PUBLIC SECURITY ADMINISTRATION
- PUBLIC SECURITY AND THE COMMUNITY
- ETHICS IN PUBLIC CHARGES
- ETHICS AND HUMAN RIGHTS SEMINAR
- CONSTITUTIONAL RIGHT