
BUSINESS SCIENCES CENTRE
BUSINESS LOGISTICS ACADEMIC PROGRAM

OBJECTIVE

The business logistics academic program is suited for professionals with a high sense of the business environment and market management, oriented to the optimization of costs and benefits in organizations through the supply chain management. Our students enrolled will be able to offer a solution to the problems in procurement, distribution channels, customs, business logistics evaluation with an ethical, humanist, entrepreneurial and socially responsible perspective.

APPLICANT PROFILE

The candidate student to apply for the degree in Business Logistics must be talented in the following aspects:

- Logical and mathematical reasoning
- Mathematics,
- Verbal reasoning,
- Spanish fluency,
- Information technologies and communication skills
- Administrative Sciences such as: Management, Economy, Statistics, Computing and English.

Further, it is desirable for the applicant to exhibit the following characteristics:

- Highly interested in the business environment
- Highly interested in International Commerce
- Preference for means of transportation
- Preference for goods distribution
- Interest in local, national and international events.
- Skills for interpersonal relationships

GRADUATE PROFILE:

Skills:

- Design and implement strategic plans for control supply and distribution operations to evaluate and increase productivity and competitiveness.
- Design and implement sourcing systems and procurement optimization models according to the organization capabilities to increase productivity through supplier development.
- Design and implement distribution systems to meet consumer needs in accordance with packaging standards
- Design and implement monitoring systems in the supply chain to ensure a correct distribution and traceability for products based on current regulations.
- Evaluate the geographical variables of both national and international logistics infrastructure to provide solutions of storage, distribution and secure traffic.
- Search potential areas to establish warehouses, distribution centers to develop logistics efficiently at domestic, multinational and international level.
- Apply regulations on traffic and foreign trade to provide solutions to the operations, handling and procurement of raw material for manufacturing.
- Implement initiatives that helps to mitigate international trade venturing risks.
- Be fluent in English at least in a beginner level to follow operations in logistics.

Knowledge:

- Distribution methods and practices that supermarket and large chain stores uses in different distribution channels.
- Tracking methods for the supply chain and distribution channels.
- Operations management and warehousing
- Traffic tracking for consumer goods and raw material transportation.
- Business models for corporate operations and international
- Geography at a national and international level for logistic performance.
- Measurement systems and raw material control under international and domestic standards.

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- Legislation, regulations and treaties for foreign and international trade operations.
- Industrial design techniques in manufacturing areas, storage and traffic based on industry standards and packaging requirements for industrial automation.
- Mathematics and Logics for data processing.
- Information and communication technologies for traffic operations, stocks and manufacturing.
- English language at a basic level.

Attitudes:

- Analytical, critical and innovation oriented
- Flexible and willing to work in different contexts
- Entrepreneur attitude
- Ethical in their professional performance
- Willing to collaborate individually, collectively and multidisciplinary

Values:

- Autonomy and social responsibility,
- Pluralism,
- Humanists,
- Quality

PROFESSIONAL FIELD:

Professionals in these contexts are freelance consultants or involved in public and private organizations or institutions of any size and type, collaborating under conditions of dependency and senior management in strategic areas or cutting-edge organizations. The professional practice conditions are both optimal, difficult and extreme. Organizations linked to this field are located in urban areas, rural, semi-rural, regionally, national and international level

The bachelor in Business Logistics has a wide possibility to work in transportation, supply chain management, storage, customs processes, logistic evaluation either internally or externally.

PERIOD:

Nine semesters

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CURRICULUM

**PLAN 2013
BACHELOR**

	T	P	C	CENTRE	DEPARTAMENT
FIRST SEMESTER					
FUNCTIONAL LOGISTIC	5	0	10	C. C. EMPRE.	AGRIBUSINESS
CHAINS STORES	3	2	8	C. C. EMPRE.	AGRIBUSINESS
ACCOUNTING	2	3	7	C. C. ECO. Y ADMI.	ACCOUNTING
ELECTRONIC BUSINESS TOOLS	2	2	2	C. C. EMPRE.	ECOMMERCE
MANAGEMENT	3	2	8	C. C. ECO. Y ADMI.	MANAGEMENT

INSTITUTIONAL PROGRAM OF HUMANIST EDUCATION
INSTITUTIONAL PROGRAM OF FOREIGN LANGUAGES

	T	P	C	CENTRE	DEPARTAMENT
SECOND SEMESTER					
LOGISTICS CHANNELS	3	2	8	C. C. EMPRE. C. C. ECO. Y ADMI.	AGRIBUSINESS ACCOUNTING
COSTING	3	2	8	C. C. EMPRE.	AGRIBUSINESS
SUPPLY CHAIN MANAGEMENT	5	0	10	C. C. ECO. Y ADMI.	MARKETING
MARKETING	3	2	8	C. C. ECO. Y ADMI.	HUMAN RES.
OPERATIONS MANAGEMENT I	3	2	8		

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	T	P	C	CENTRE	DEPARTAMENT
THIRD SEMESTER					
TRAFFIC AND TRANSPORTATION I	3	2	8	C. C. EMPRE.	AGRIBUSINESS
GEOGRAPHIC LOGISTICS OF MEXICO	3	2	8	C. C. EMPRE.	AGRIBUSINESS
INTERNATIONALS MARKETS LOGISTIC I	3	2	8	C. C. EMPRE.	AGRIBUSINESS
OPERATIONS MANAGEMENT II	3	2	8	C. C. ECO. Y	HUMAN RES.
MATHEMATICAL THINKING DEVELOPMENT	0	5	5	C. C. BÁSICAS	MATHEMATICS

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	T	P	C	CENTRE	DEPARTAMENT
FOURTH SEMESTER					
TRAFFIC TRANSPORT II	3	2	8	C. C. EMPRE.	AGRIBUSINESS
INTERNATIONALS MARKETS LOGISTIC II	3	2	8	C. C. EMPRE.	AGRIBUSINESS
AGRIBUSINESS LOGISTICS	3	2	8	C. C. EMPRE.	AGRIBUSINESS
BUSINESS ADMINISTRATION	3	2	8	C. C. EMPRE.	AGRIBUSINESS
ENGINEERING FUNDAMENTALS	5	0	10	C. C. INGENIERIA	ROBOTICS
BASIC MATHEMATICS	3	2	8	C. C. BÁSICAS	MATHEM

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	T	P	C	CENTRE	DEPARTAMENT
FIFTH SEMESTER					
TRAFFIC AND TRANSPORT III	3	2	8	C. C. EMPRE.	AGRIBUSINESS
INTERNATIONALS MARKETS LOGISTIC III	3	2	8	C. C. EMPRE.	AGRIBUSINESS
ENGINEERING DESIGN	3	2	8	C. C. INGENIERIA	ROBOTICS EDUCATION
RESEARCH METHODOLOGY	3	2	8	C. C. SOC. Y HUM.	MATHEMATICS
OPERATIONS RESEARCH STATISTICS I	3 3	2 2	8 8	C. C. BÁSICAS C. C. BÁSICAS	STATISTICS
SIXTH SEMESTER					
PACKING NORMS	4	2	10	C. C. EMPRE.	AGRIBUSINESS
AUTOMOTIVE INDUSTRY TOPICS	3	2	8	C. C. ECO. Y ADMI. C. C. SOC. Y	HUMAN RES
CORPORATE LAW	5	0	10	HUM.	LAW
PROFESSIONAL ETHICS	2	2	6	C. C. SOC. Y HUM.	PHILOSOPHY
TECHINICAL ENGLISH	0	4	4	C. C. SOC. Y HUM.	LANGUAGES
STATISTICS II	3	2	8	C. C. BÁSICAS	STATISTICS
SEVENTH SEMESTER					
CUSTOM LOGISTICS I	3	2	8	C. C. EMPRE.	AGRIBUSINESS
SERVICES LOGISTICS	3	2	8	C. C. EMPRE.	AGRIBUSINESS
INVENTORY MANAGEMENT	3	2	8	C. C. ECO. Y ADMI. C. C.	HUMAN RESOURCE ROBOTICS
AUTOMATION TOPICS I	3	2	8	INGENIERIA	
CUSTOM LAW	5	0	10	C. C. SOC. Y HUM.	LAW
ELECTIVE COURSE I					
COMMUNITY SERVICE PROGRAM					
EIGHTH SEMESTER					
CUSTOM LOGISTICS II	3	2	8	C. C. EMPRE.	AGRIBUSINESS
BUSINESS EVALUATION	3	2	8	C. C. EMPRE.	AGRIBUSINESS
ELECTRONIC LOGISTICS	1	4	6	C. C. EMPRE.	AGRIBUSINESS
AUTOMATION TOPICS II	3	2	8	C. C. INGENIERIA	ROBOTICS
INTERNATIONAL LAW	5	0	10	C. C. SOC. Y HUM.	LAW
ELECTIVE COURSE II					
COMMUNITY SERVICE PROGRAM					

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	T	P	C	CENTRE	DEPARTAMENT
NINETH SEMESTER					
BUSINESS LOGISTICS PROFESSIONAL PRACTICE PROGRAM		18	18	C. C. EMPRE.	AGRIBUSINESS
COMMUNITY SERVICE PROGRAM					

INSTITUTIONAL PROGRAMS

- Professional Practice
- Community Service
- Tutoring
- International mobility and students exchange
- Second Language Promotion Program
- Humanistic Promotion Program

DEGREE REQUIREMENTS

The graduated candidate must adhere to chapter XIV regarding degree in technical and higher education, Art. 156 of the General Teaching Regulations of our university that states the following:

Once accredited all the subjects and requirements indicated in the curriculum of technical and higher-level courses, the graduate may request the issuance of his degree in the School Control Office after complying with the following elements:

- I.- Have fulfilled the requirements of Community Service, Humanistic Formation, Professional Practice and Foreign Languages Learning defined under the frame of the institutional programs.
- II.- Free from debts of tuition to Autonomous University of Aguascalientes;
- III.- Have fulfilled the quota and requirements to graduate the academic program.
- IV.- Have submitted and approved the final examination.