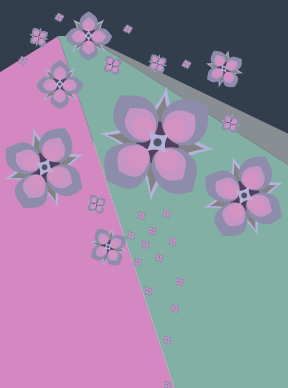


Undergraduate Course Catalog 2013



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Undergraduate Course Catalogue

I. Monterrey, Tech Educational Model

In its mission to develop your values, attitudes and abilities as a student, Tecnológico de Monterrey has restructured its learning process. Along with traditional learning objectives, the school provides academic training to make you internationally competitive in your area of specialty. Close to 8,200 professors (holding masters degrees or higher) offer you an innovative, student-centered educational model that:

- Advocates self-study — the gathering of information from different sources.
- Cultivates collaborative learning through problem-based learning and case studies.
- Provides distance learning opportunities through the Virtual University satellite broadcast system, which offers undergraduate and graduate degree programs.
- Gives you access to international information banks and networks.
- Exposes you to research and development projects in manufacturing, automation, biotechnology and more — especially at the graduate level.

I. Campus Querétaro

The campus is a medium-size campus with almost 5,000 students. About 55% of the student body comes from outside the city. The campus has been recognized as the best option to pursue studies in Central Mexico and offers the best university facilities in the region. These include classrooms equipped with multimedia technology, 60 specialized laboratories, a new gymnasium/auditorium, a new residence hall, the largest library in the state of Querétaro, new specialized buildings for the media center and industrial design, and a wireless internet connection for the entire campus.

A) Exchange Agreements and International Programs

The campus has 37 exchange agreements. Because of its success in internationalizing the campus, the International Programs Department has received special recognition among the 33 Tec de Monterrey campuses for three consecutive semesters. Last Spring the Campus sent 140 students to 80 universities in 32 countries all around the world.

In 2005, 350 students studied abroad, 10% of the student population studying a bachelor's degree. In addition, between 350 and 400 international students study in Campus Querétaro every year.

B) What the Querétaro Campus Offers to International Students

The size and composition of the student body at Campus Querétaro contribute to a warm and supportive study environment that is multicultural as well. Besides, the International Program's Office on Campus offers services specially designed for exchange students. These services include an Orientation Program before the term starts, Immigration Services, Housing, Academic Counseling, Health Insurance, Field Trips, and Special Events. The Campus offers classes just for international students including Spanish as a Foreign Language, Culture and, Business classes as well as an internship program. Every semester about 50 regular courses are offered in English. Depending on their Spanish level, students may take classes in Spanish. Given that Querétaro Centre is a

*All courses are subject to change.

*Some of the course codes may have changed. Please ask for the code that corresponds to the class you wish to take.
Please confirm with the Academic Advisor while applying. vmartinz@itesm.mx

World Heritage declared by the UNESCO, there are many colonial buildings, museums and market places. Querétaro has a great location. It is close to 9 of the other 24 World Cultural Heritage Sites of Mexico, and about 8 hours away from another 4.

If you need further information about the City of Querétaro, the Querétaro Campus, housing options, student visa procedures, student life, etc. Please check the following websites:
www.gro.itesm.mx click on —internacionalización and www.study-in-mexico.com.

I. Description of Undergraduate Academic Programs for International Students.

A) SPANISH AS A FOREIGN LANGUAGE

Take a six credit language class WHERE you will study the Spanish structure, practice in an interactive setting, and become more accurate in your use of language. Also, take courses (3 credits) focused in improving oral and written communication skills. Learn through a variety of methods and meet experienced instructor with international backgrounds.

| Units | Credits | Code | Course Title |
|-------|---------|--------|----------------------------|
| 16 | 6 | HI1004 | Español básico I |
| 16 | 6 | HI2015 | Español intermedio I |
| 16 | 6 | HI2016 | Español intermedio II |
| 16 | 6 | HI3010 | Español avanzado I |
| 8 | 3 | HI1003 | Destrezas comunicativas I |
| 8 | 3 | HI2013 | Destrezas comunicativas II |

B) MEXICAN CULTURE

From the Mayan ruins to the modernization of Mexico, discover the country's fascinating culture as you explore its indigenous civilizations and how waves of European immigration affected it. Available in English or Spanish, choose from an array of engaging courses that focus on:

- History and Culture from Mexico
- Mexican Art and Architecture
- Mexican and Latin American Civilization and Culture
- Mexican Literature
- Latin American Literature
- Theater

| Units | Credits | Code | Course Title |
|-------|---------|--------|---|
| 8 | 3 | H1011 | Introducción a la cultura mexicana |
| 8 | 3 | RI2019 | Historia social y cultural de Latinoamérica |
| 8 | 3 | RI1006 | Historia de América Latina y el Caribe |
| 8 | 3 | H3021 | Literatura mexicana |

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A) BUSINESS

Mexico plays a vital role in the global business community. As an international student you may take an introductory business class especially designed for International students. Such as *Doing Business in Mexico* or *Business Mexican Strategies*, and do a business internship. You may also combine it with Spanish and culture classes and other courses taught by the Business Department. The Business Program helps you understand the varied cultures and values held by different trading partners – an essential component for successful negotiating in the international business world.

| Units | Credits | Code | Course Title |
|-------|---------|--------|--------------------------------|
| 8 | 3 | NI2006 | Ambiente de negocios en México |

For more business courses taught in English or Spanish, please check the list of classes offered through the Business Department.

B) INTERNSHIP PROGRAMS

The Internship Programs allows students to learn about the Mexican work culture and Mexican values by doing practical training in a Mexican company, organization or institution. In most cases, internships are unpaid, due to legal restrictions and immigration status. Most students do part-time internships for credit at ITESM.

Querétaro offers different opportunities and environments for international students in diverse sectors, such as manufacture, industry, finance and education. Students at ITESM Querétaro have worked in places such as Kellogg, Gerber, Pilgrim's Pride, Coca-Cola, Tremec, Chamber of Commerce, Nestlé, COPARMEX, Teléfonos de México, Banca Serfin, and different civil and governmental organizations.

| Units | Credits | Code | Course Title |
|-------|---------|--------|------------------------|
| 8 | 3 | EP3000 | Estancia profesional A |
| 16 | 6 | EP3001 | Práctica profesional B |
| 8 | 3 | | Estudio Independiente |

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1. Business Internship

This opportunity takes you into a local corporation where you obtain practical hands-on experience- experience you normally wouldn't get until after you graduated. Usually non-salaried position, interns:

- Are exposed to the ins and outs of doing business with Mexico.
- Gain valuable on-the-job training and an understanding of international business strategies.
- Develop personal relationships with local business people.
- Vastly improve their Spanish speaking skills.
- Add this priceless experience to their resume.

The following areas are available to do an internship:

| | |
|----------|-------------------------|
| Business | Finance |
| | Accounting |
| | Sales Representatives |
| | Marketing |
| | International Marketing |

IMPORTANT NOTE: Whereas most Business internships required Advanced Spanish, there are some options available in English.

How do the Business and Social Internship Programs work?

The internship must be previously registered and accepted by the Internship Coordinator. The course is graded on the student's performance for both the work in the organization and the academic requirements.

There are specific projects offered to students. Students preselect three options and finally choose one. If a match is not made after three appointments, either because the student does not fulfill the company's or organization's needs or vice versa, ITESM is not obliged to arrange any other interviews for the student.

The work schedule will be arranged with the company according to the student's class schedule, and vary depending on the credits requested by the student (140 hours in 16 weeks for 3 credits, and 280 hours for 6 credits).

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2. Social Internship

Immerse yourself in the real life of Mexico. Acquire intercultural communication skills. Improve your Spanish. Observe the way in which non profit organizations function in Mexico, and use your professional skills to participate in the sustainable development of the community.

According to feedback from students, the Social Internship is an experience that changes their vision of life. You not only will acquire strong oral and written communication skills in Spanish, but you will also appreciate Mexican culture in a setting that encourages reflection about cultural diversity and tolerance. After this experience, you will have a better understanding of the differences and similarities in the social and economical development of your country and Mexico.

The following areas are available to do an internship:

| | |
|----------------|---|
| Social Service | Community Service |
| | Tour Guides |
| | Tourism Developmental Planning |
| | Orphanages |
| | Non-profit Organizations and Human Rights Organizations |
| | Museums and Historical Centers |

What are the responsibilities of the interns?

- Students must arrive on time at the interviews that the internship coordinator arranges for them.
- Students must be formal, enthusiastic and show initiative in the company or organization in which they choose to work.
- Students have to be aware that they represent their universities, their countries, ITESM and the present and future international students, so they must respect authorities at their jobs and all people in general in the organization and ITESM.
- Students must fulfill the academic requirements. Be aware that the internship is graded for both the academic work and the internship performance within the organization.

How to obtain an internship:

- In order to be considered as an internship candidate, please send the following before April 1st or November 1st:
- Curriculum Vitae or résumé in both English and Spanish (with a recent photograph).
- A short essay that describes why it is important for the student to participate in the Internship
- Program and in which areas and/or fields of an organization they would prefer to work.

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E) REGULAR COURSES

1. REGULAR COURSES

Many International students study in Mexico because they want to interact and meet local students, yet want to participate in classes taught in English. Tecnológico de Monterrey campus Querétaro offers about 50 courses each semester that allow you to take advantage of this opportunity.

| Departamento | Cve Materia | Nombre Materia | CREDITOS | UNIDADES MEXICANAS |
|---------------------------|----------------|---|----------|-----------------------|
| Administración y Finanzas | AD1005 | Administración e innovación en modelos de negocios | 3 | 8 |
| Administración y Finanzas | AD1005 | Administración e innovación en modelos de negocios (ING) | 3 | 8 |
| Administración y Finanzas | AD1005 | Administración e innovación en modelos de negocios | 3 | 8 |
| Administración y Finanzas | AD1005 | Administración e innovación en modelos de negocios | 3 | 8 |
| Administración y Finanzas | AD1006 | Aprendizaje organizacional y administración del conocimiento (ING) | 3 | 8 |
| Administración y Finanzas | AD1006 | Aprendizaje organizacional y administración del conocimiento (ING) | 3 | 8 |
| Administración y Finanzas | AD1006 | Aprendizaje organizacional y administración del conocimiento | 3 | 8 |
| Administración y Finanzas | AD1007 | Introducción a la carrera de LAE | 3 | 4 |
| Administración y Finanzas | AD2003 | Técnicas de negociación | 3 | 8 |
| Administración y Finanzas | AD2003 | Técnicas de negociación | 3 | 8 |
| Administración y Finanzas | AD2003 | Técnicas de negociación | 3 | 8 |
| Administración y Finanzas | AD2013 | Administración estratégica de proyectos y procesos * | 3 | 8 |
| Administración y Finanzas | AD3001 | (@)Administración de servicios* | 3 | 8 |
| Administración y Finanzas | AD3002 | Consultoría administrativa* | 3 | 8 |
| Administración y Finanzas | AD3003 | Seminario de administración estratégica (ING)* | 3 | 8 |
| Administración y Finanzas | AD3017 | Empresas familiares y gobierno corporativo (ING)* | 3 | 8 |
| Administración y Finanzas | CF1001 | Contabilidad financiera | 3 | 8 |
| Administración y Finanzas | CF1007 | Contabilidad y administración de costos | 3 | 8 |
| Administración y Finanzas | CF1008 | Información financiera para la toma de decisiones | 3 | 8 |
| Administración y Finanzas | CF1008 | Información financiera para la toma de decisiones | 3 | 8 |
| Administración y Finanzas | CF1008 | Información financiera para la toma de decisiones (ING) | 3 | 8 |
| Administración y Finanzas | CF1009 | Administración de costos y precios | 3 | 8 |
| Administración y Finanzas | CF1009 | Administración de costos y precios | 3 | 8 |
| Administración y Finanzas | CF1009 | Administración de costos y precios | 3 | 8 |
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| Administración y Finanzas | CF1009 | Administración de costos y precios | 3 | 8 |
| Administración y Finanzas | CF1011 | Contabilidad administrativa (ING) | 3 | 8 |
| Administración y Finanzas | CF1011 | Contabilidad administrativa | 3 | 8 |
| Administración y Finanzas | CF2001 | Sistemas de información contable | 3 | 8 |
| Administración y Finanzas | CF2004 | Costeo en nuevos ambientes de manufactura | 3 | 8 |
| Administración y Finanzas | CF2006 | Contabilidad intermedia: ciclo operativo y de inversión | 3 | 8 |
| Administración y Finanzas | CF2007 | Contabilidad intermedia: ciclo de financiamiento y actualización de la información* | 3 | 8 |
| Administración y Finanzas | CF2011 | Impuestos para personas físicas | 3 | 8 |
| Administración y Finanzas | CF2013 | Sistemas de planeación estratégica y control administrativo* | 3 | 8 |
| Administración y Finanzas | CF2015 | Análisis de la información financiera | 3 | 8 |
| Administración y Finanzas | CF2015 | Análisis de la información financiera (ING) | 3 | 8 |
| Administración y Finanzas | CF2015 | Análisis de la información financiera | 3 | 8 |
| Administración y Finanzas | CF3003 | Contabilidad internacional* | 3 | 8 |
| Administración y Finanzas | CF3004 | Auditoría integral* | 3 | 8 |
| Administración y Finanzas | CF3006 | Impuestos internacionales* | 3 | 8 |
| Administración y Finanzas | CF3007 | (@)Seminario de información financiera* | 3 | 8 |

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| Departamento | Cve Materia | Nombre Materia | CREDITOS | UNIDADES MEXICANAS |
|---------------------------|----------------|---|----------|-----------------------|
| Administración y Finanzas | CF3013 | Juego de negocios I | 3 | 8 |
| Administración y Finanzas | CF3014 | Juego de negocios II | 3 | 8 |
| Administración y Finanzas | CF95025 | SAP y el ejecutivo de finanzas | 3 | 8 |
| Administración y Finanzas | DE1004 | Tecnología de la empresa y observatorio estratégico tecnológico | 3 | 8 |
| Administración y Finanzas | DE1005 | Introducción a la carrera de LCDE | 3 | 4 |
| Administración y Finanzas | DE2002 | Innovación y diseño de productos y servicios* | 3 | 8 |
| Administración y Finanzas | DE3000 | Administración de proyectos emprendedores* | 3 | 8 |
| Administración y Finanzas | DE3001 | Análisis y manejo de riesgos* | 3 | 8 |
| Administración y Finanzas | DE3004 | Diseño organizacional de empresas familiares* | 3 | 8 |
| Administración y Finanzas | DE3013 | Pre-incubación y factibilidad de negocio* | 1 | 8 |
| Administración y Finanzas | DE3015 | Incubación de empresas e inicio de operaciones estratégicas | 1 | 8 |
| Administración y Finanzas | EM00803 | Preincubación | 3 | 8 |
| Administración y Finanzas | EM00804 | Incubación I | 3 | 8 |
| Administración y Finanzas | EM1003 | Estrategias de comercialización | 1 | 4 |
| Administración y Finanzas | EM1004 | Estrategias de operación y modelos financieros para el emprendimiento | 1 | 4 |
| Administración y Finanzas | EM3001 | Innovación y generación de empresas* | 3 | 8 |
| Administración y Finanzas | EM3004 | Formación para el desarrollo del liderazgo emprendedor | 3 | 8 |
| Administración y Finanzas | EM3004 | Formación para el desarrollo del liderazgo emprendedor | 3 | 8 |
| Administración y Finanzas | EM3004 | Formación para el desarrollo del liderazgo emprendedor (ING) | 3 | 8 |
| Administración y Finanzas | EM3004 | Formación para el desarrollo del liderazgo emprendedor | 3 | 8 |
| Administración y Finanzas | EM3004 | Formación para el desarrollo del liderazgo emprendedor | 3 | 8 |
| Administración y Finanzas | ES3000 | Planeación de microempresas para el desarrollo social | 3 | 8 |
| Administración y Finanzas | ES3000 | Planeación de microempresas para el desarrollo social | 3 | 8 |
| Administración y Finanzas | ES3000 | Planeación de microempresas para el desarrollo social | 3 | 8 |
| Administración y Finanzas | ES3000 | Planeación de microempresas para el desarrollo social | 3 | 8 |
| Administración y Finanzas | ES3001 | Operación de microempresas para el desarrollo social | 3 | 8 |
| Administración y Finanzas | FZ1005 | Matemáticas financieras | 3 | 8 |
| Administración y Finanzas | FZ1005 | Matemáticas financieras | 3 | 8 |
| Administración y Finanzas | FZ1005 | Matemáticas financieras | 3 | 8 |
| Administración y Finanzas | FZ1007 | Introducción a la carrera de LAF | 3 | 4 |
| Administración y Finanzas | FZ2000 | Administración financiera | 3 | 8 |
| Administración y Finanzas | FZ2000 | Administración financiera (ING) | 3 | 8 |
| Administración y Finanzas | FZ2002 | Instituciones financieras* | 3 | 8 |
| Administración y Finanzas | FZ2003 | Administración bancaria* | 3 | 8 |
| Administración y Finanzas | FZ2006 | Mercado de dinero y capitales* | 3 | 8 |
| Administración y Finanzas | FZ2015 | Estructura financiera y gobierno corporativo (ING)* | 3 | 8 |
| Administración y Finanzas | FZ2016 | Evaluación de proyectos y fuentes de financiamiento | 3 | 8 |
| Administración y Finanzas | FZ2016 | Evaluación de proyectos y fuentes de financiamiento (ING) | 3 | 8 |
| Administración y Finanzas | FZ2016 | Evaluación de proyectos y fuentes de financiamiento | 3 | 8 |
| Administración y Finanzas | FZ3004 | Proyecto de finanzas* | 3 | 8 |
| Administración y Finanzas | FZ3007 | (@)Administración de instrumentos de deuda* | 3 | 8 |
| Administración y Finanzas | FZ3008 | Administración de inversiones* | 3 | 8 |

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|---------------------------|----------------|---|----------|-----------------------|
| Administración y Finanzas | FZ3009 | Administración financiera internacional* | 3 | 8 |
| Administración y Finanzas | FZ3009 | Administración financiera internacional* | 3 | 8 |
| Administración y Finanzas | FZ3010 | Administración de riesgos* | 3 | 8 |
| Administración y Finanzas | FZ3011 | Instrumentos derivados (ING)* | 3 | 8 |
| Administración y Finanzas | FZ3012 | Seminario de finanzas* | 3 | 8 |
| Administración y Finanzas | FZ3020 | Certificación SAP en el módulo de finanzas I | 3 | 8 |
| Administración y Finanzas | FZ3021 | Certificación SAP en el módulo de finanzas II | 3 | 8 |
| Administración y Finanzas | IN2014 | Sistemas de información | 3 | 8 |
| Administración y Finanzas | OR00864 | Pequeñas empresas y desarrollo de franquicias* | 3 | 8 |
| Comunicación | A1001 | Cultura visual y diseño contemporáneos | 3 | 8 |
| Comunicación | A1001 | Cultura visual y diseño contemporáneos | 3 | 8 |
| Comunicación | A2001 | Taller de exploración de la forma II | 4 | 8 |
| Comunicación | A2001 | Taller de exploración de la forma II | 4 | 8 |
| Comunicación | A3000 | Taller de experimentación plástica II | 4 | 8 |
| Comunicación | AT1001 | Dibujo artístico | 4 | 8 |
| Comunicación | AT1001 | Dibujo artístico | 4 | 8 |
| Comunicación | AT1001 | Dibujo artístico | 4 | 8 |
| Comunicación | AT1002 | Fundamentos de animación* | 3 | 8 |
| Comunicación | AT1003 | Introducción a la carrera de LAD | 3 | 4 |
| Comunicación | AT2000 | Modelación digital* | 3 | 8 |
| Comunicación | AT2000 | Modelación digital* | 3 | 8 |
| Comunicación | AT2002 | Teoría y práctica del sonido* | 2 | 8 |
| Comunicación | AT2003 | Diseño de ambientes virtuales* | 3 | 8 |
| Comunicación | AT3000 | Proyecto integrador de arte y tecnología II* | 3 | 8 |
| Comunicación | AT3001 | Modelación digital avanzada* | 3 | 8 |
| Comunicación | AT3003 | Producción de efectos visuales para medios digitales* | 3 | 8 |
| Comunicación | AV1000 | Fotografía e imagen digital | 3 | 8 |
| Comunicación | AV1000 | Fotografía e imagen digital | 3 | 8 |
| Comunicación | AV1001 | Diseño gráfico | 3 | 8 |
| Comunicación | AV1001 | Diseño gráfico | 3 | 8 |
| Comunicación | AV1004 | Lenguaje y narrativa audiovisual | 3 | 8 |
| Comunicación | AV1004 | Lenguaje y narrativa audiovisual (ING) | 3 | 8 |
| Comunicación | AV1005 | Laboratorio de diseño digital | 0 | 4 |
| Comunicación | AV1005 | Laboratorio de diseño digital | 0 | 4 |
| Comunicación | AV1006 | Laboratorio de audio | 0 | 4 |
| Comunicación | AV1007 | Laboratorio de video | 0 | 4 |
| Comunicación | AV2002 | Laboratorio de diseño gráfico y digital | 0 | 4 |
| Comunicación | AV2003 | Fotografía del objeto | 3 | 8 |
| Comunicación | AV2004 | Guionismo | 3 | 8 |
| Comunicación | AV2004 | Guionismo | 3 | 8 |
| Comunicación | AV2004 | Guionismo | 3 | 8 |
| Comunicación | AV2006 | Diseño y producción de narrativas audiovisuales* | 3 | 8 |

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|--------------|----------------|--|----------|-----------------------|
| Comunicación | AV2006 | Diseño y producción de narrativas audiovisuales* | 3 | 8 |
| Comunicación | AV2006 | Diseño y producción de narrativas audiovisuales* | 3 | 8 |
| Comunicación | AV2011 | Laboratorio de medios masivos | 0 | 4 |
| Comunicación | AV3000 | Diseño y producción editorial | 3 | 8 |
| Comunicación | AV3001 | Diseño y producción de medios interactivos* | 3 | 8 |
| Comunicación | AV3008 | Realización documental | 3 | 8 |
| Comunicación | AV3012 | Laboratorio de medios digitales (ING) | 0 | 4 |
| Comunicación | CO1006 | Introducción a la carrera de LCMD | 3 | 4 |
| Comunicación | CO2007 | Comunicación internacional (ING)* | 3 | 8 |
| Comunicación | CO2008 | Comunicación y estudios de medios* | 3 | 8 |
| Comunicación | CO3002 | Comunicación política* | 3 | 8 |
| Comunicación | CO3003 | Comunicación publicitaria* | 3 | 8 |
| Comunicación | CO3004 | Seminario de investigación en comunicación* | 3 | 8 |
| Comunicación | CR00886 | Cultura e identidad organizacional* | 3 | 8 |
| Comunicación | CR1000 | Fundamentos de comunicación estratégica | 3 | 8 |
| Comunicación | CR2001 | Imagen corporativa* | 3 | 8 |
| Comunicación | D2019 | Marco jurídico de la comunicación | 3 | 8 |
| Comunicación | H1015 | Fundamentos de la escritura | 5 | 8 |
| Comunicación | H1015 | Fundamentos de la escritura | 5 | 8 |
| Comunicación | H1029 | Semiótica | 3 | 8 |
| Comunicación | H1040 | Análisis y expresión verbal | 5 | 8 |
| Comunicación | H1040 | Análisis y expresión verbal | 5 | 8 |
| Comunicación | H1040 | Análisis y expresión verbal | 5 | 8 |
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| Comunicación | H1040 | Análisis y expresión verbal | 5 | 8 |
| Comunicación | H1040 | Análisis y expresión verbal | 5 | 8 |
| Comunicación | H1045 | Literatura y poder en América Latina | 3 | 8 |
| Comunicación | H1045 | Literatura y poder en América Latina | 3 | 8 |
| Comunicación | H1048 | Estructuras narrativas | 3 | 8 |
| Comunicación | H2001 | Expresión verbal en el ámbito profesional | 3 | 8 |
| Comunicación | H2001 | Expresión verbal en el ámbito profesional | 3 | 8 |
| Comunicación | H2001 | Expresión verbal en el ámbito profesional | 3 | 8 |
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| Departamento | Cve Materia | Nombre Materia | CREDITOS | UNIDADES MEXICANAS |
|--------------|----------------|--|----------|-----------------------|
| Comunicación | H2001 | Expresión verbal en el ámbito profesional | 3 | 8 |
| Comunicación | H2001 | Expresión verbal en el ámbito profesional | 3 | 8 |
| Comunicación | H2001 | Expresión verbal en el ámbito profesional | 3 | 8 |
| Comunicación | H2001 | Expresión verbal en el ámbito profesional | 3 | 8 |
| Comunicación | H2001 | Expresión verbal en el ámbito profesional | 3 | 8 |
| Comunicación | H2001 | Expresión verbal en el ámbito profesional | 3 | 8 |
| Comunicación | H2019 | Literatura mundial contemporánea | 3 | 8 |
| Comunicación | MI2002 | Géneros periodísticos de opinión | 3 | 8 |
| Comunicación | MT2018 | Mercadotecnia digital | 3 | 8 |
| Comunicación | MT2018 | Mercadotecnia digital | 3 | 8 |
| Humanidades | CO2003 | Métodos cuantitativos para la investigación social | 3 | 8 |
| Humanidades | CO2003 | Métodos cuantitativos para la investigación social | 3 | 8 |
| Humanidades | CO2004 | Métodos cualitativos de investigación | 3 | 8 |
| Humanidades | EP3000 | Estancia profesional A | 3 | 8 |
| Humanidades | EP3001 | Práctica profesional B | 6 | 16 |
| Humanidades | H1001 | Inglés remedial I (ING) | 5 | 8 |
| Humanidades | H1002 | Inglés remedial II (ING) | 5 | 8 |
| Humanidades | H1003 | Inglés remedial III (ING) | 5 | 8 |
| Humanidades | H1004 | Inglés remedial IV (ING) | 5 | 8 |
| Humanidades | H1004 | Inglés remedial IV (ING) | 5 | 8 |
| Humanidades | H1004 | Inglés remedial IV (ING) | 5 | 8 |
| Humanidades | H1005 | Inglés remedial V (ING) | 5 | 8 |
| Humanidades | H1005 | Inglés remedial V (ING) | 5 | 8 |
| Humanidades | H1005 | Inglés remedial V (ING) | 5 | 8 |
| Humanidades | H1005 | Inglés remedial V (ING) | 5 | 8 |
| Humanidades | H1005 | Inglés remedial V (ING) | 5 | 8 |
| Humanidades | H1011 | Introducción a la cultura mexicana | 3 | 8 |
| Humanidades | H1018 | Ética, persona y sociedad | 3 | 8 |
| Humanidades | H1018 | Ética, persona y sociedad | 3 | 8 |
| Humanidades | H1018 | Ética, persona y sociedad | 3 | 8 |
| Humanidades | H1018 | Ética, persona y sociedad | 3 | 8 |
| Humanidades | H1018 | Ética, persona y sociedad | 3 | 8 |
| Humanidades | H1018 | Ética, persona y sociedad | 3 | 8 |
| Humanidades | H1018 | Ética, persona y sociedad | 3 | 8 |
| Humanidades | H1018 | Ética, persona y sociedad | 3 | 8 |
| Humanidades | H1018 | Ética, persona y sociedad | 3 | 8 |
| Humanidades | H1018 | Ética, persona y sociedad | 3 | 8 |
| Humanidades | H1026 | Filosofía y pensamiento contemporáneo (ING) | 3 | 8 |
| Humanidades | H1036 | Escritura creativa | 3 | 8 |
| Humanidades | H1037 | Cine, literatura y cultura | 3 | 8 |
| Humanidades | H1037 | Cine, literatura y cultura | 3 | 8 |
| Humanidades | H2002 | Ética, profesión y ciudadanía | 3 | 8 |

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| Departamento | Cve Materia | Nombre Materia | CREDITOS | UNIDADES MEXICANAS |
|--------------|----------------|---|----------|-----------------------|
| Humanidades | H2002 | Ética, profesión y ciudadanía (ING) | 3 | 8 |
| Humanidades | H2002 | Ética, profesión y ciudadanía (ING) | 3 | 8 |
| Humanidades | H2002 | Ética, profesión y ciudadanía | 3 | 8 |
| Humanidades | H2002 | Ética, profesión y ciudadanía | 3 | 8 |
| Humanidades | H2002 | Ética, profesión y ciudadanía (ING) | 3 | 8 |
| Humanidades | H2002 | Ética, profesión y ciudadanía (ING) | 3 | 8 |
| Humanidades | H2003 | Arte contemporáneo y sociedad | 3 | 8 |
| Humanidades | H2003 | Arte contemporáneo y sociedad | 3 | 8 |
| Humanidades | H2004 | (@)Ciudadanía: práctica política y social | 3 | 8 |
| Humanidades | H2006 | Literatura contemporánea y sociedad | 3 | 8 |
| Humanidades | H2006 | Literatura contemporánea y sociedad | 3 | 8 |
| Humanidades | H2007 | (@)Ciencia, tecnología y sociedad | 3 | 8 |
| Humanidades | H2008 | Formación ciudadana y compromiso social (ING) | 3 | 8 |
| Humanidades | H2008 | Formación ciudadana y compromiso social (ING) | 3 | 8 |
| Humanidades | H2008 | Formación ciudadana y compromiso social (ING) | 3 | 8 |
| Humanidades | H2008 | Formación ciudadana y compromiso social (ING) | 3 | 8 |
| Humanidades | H2023 | Historia del arte latinoamericano | 3 | 8 |
| Humanidades | H2027 | Responsabilidad social y ciudadanía | 3 | 8 |
| Humanidades | H2027 | Responsabilidad social y ciudadanía | 3 | 8 |
| Humanidades | H2028 | Cultura de México | 3 | 8 |
| Humanidades | H2033 | Antropología social | 3 | 8 |
| Humanidades | H3019 | Cultura y pensamiento de México | 3 | 8 |
| Humanidades | H3020 | Literatura latinoamericana | 3 | 8 |
| Humanidades | HI00002 | Alemán I | 5 | 8 |
| Humanidades | HI00011 | Francés I | 5 | 8 |
| Humanidades | HI00011 | Francés I | 5 | 8 |
| Humanidades | HI00011 | Francés I | 5 | 8 |
| Humanidades | HI1001 | Inglés académico avanzado (ING) | 5 | 8 |
| Humanidades | HI1004 | Español básico I | 6 | 16 |
| Humanidades | HI2015 | Español intermedio I | 6 | 16 |
| Humanidades | HI3008 | Destrezas comunicativas III | 3 | 8 |
| Humanidades | HI3010 | Español avanzado I | 6 | 16 |
| Humanidades | HI3019 | Fonética y fonología del español | 3 | 8 |
| Humanidades | HI95805 | Inglés académico (ING) | 5 | 8 |
| Humanidades | HI95805 | Inglés académico (ING) | 5 | 8 |
| Humanidades | HI95805 | Inglés académico (ING) | 5 | 8 |
| Humanidades | HI95805 | Inglés académico (ING) | 5 | 8 |
| Humanidades | HI95805 | Inglés académico (ING) | 5 | 8 |
| Humanidades | HI95805 | Inglés académico (ING) | 5 | 8 |
| Humanidades | HI95805 | Inglés académico (ING) | 5 | 8 |
| Humanidades | HI95810 | Inglés avanzado (módulo C) (ING) | 5 | 8 |
| Humanidades | NI2006 | Ambiente de negocios en México | 3 | 8 |

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|------------------------------|----------------|--|----------|-----------------------|
| Humanidades | P1000 | Sociología | 3 | 8 |
| Humanidades | P2007 | Sociedad, desarrollo y ciudadanía en México | 3 | 8 |
| Humanidades | P2007 | Sociedad, desarrollo y ciudadanía en México | 3 | 8 |
| Humanidades | P2007 | Sociedad, desarrollo y ciudadanía en México | 3 | 8 |
| Humanidades | P2007 | Sociedad, desarrollo y ciudadanía en México | 3 | 8 |
| Humanidades | P2012 | Ciudadanía y democracia | 3 | 8 |
| Humanidades | P3002 | Gestión de proyectos públicos y sociales* | 3 | 8 |
| Humanidades | P3006 | Mercadotecnia política | 3 | 8 |
| Humanidades | PR2239 | Ciudadanía y la nueva Europa (ING) | 3 | 8 |
| Humanidades | RI1004 | Perspectiva internacional (ING) | 3 | 8 |
| Humanidades | RI2005 | Historia de Norteamérica (ING) | 3 | 8 |
| Humanidades | RI2010 | Teoría de las relaciones internacionales II (ING)* | 3 | 8 |
| Humanidades | RI2011 | Análisis de la política exterior de México | 3 | 8 |
| Humanidades | RI2013 | Escenario regional de Europa (ING)* | 3 | 8 |
| Humanidades | RI2014 | Instituciones y organismos internacionales* | 3 | 8 |
| Humanidades | RI2015 | Análisis de políticas exteriores* | 3 | 8 |
| Humanidades | RI2016 | Escenario regional de Asia* | 3 | 8 |
| Humanidades | RI2018 | Estudio de los movimientos islamistas en Medio Oriente con enfoque en resolución | 3 | 8 |
| Humanidades | RI2019 | Historia social y cultural de Latinoamérica | 3 | 8 |
| Humanidades | RI2028 | Historia de México independiente | 3 | 8 |
| Humanidades | RI2029 | Historia de México contemporáneo | 3 | 8 |
| Humanidades | RI3001 | Políticas diplomáticas y consulares | 3 | 8 |
| Humanidades | RI3003 | Globalización económica* | 3 | 8 |
| Humanidades | RI3004 | Resolución de conflictos y negociación internacional* | 3 | 8 |
| Humanidades | RI3005 | Prospectiva estratégica | 3 | 8 |
| Humanidades | RI3006 | Seminario de relaciones internacionales* | 3 | 8 |
| Mercadotecnia y Negocios Int | CD2001 | Estadística multivariante | 3 | 8 |
| Mercadotecnia y Negocios Int | D1002 | Derecho laboral | 3 | 8 |
| Mercadotecnia y Negocios Int | D1021 | Marco legal de los negocios | 3 | 8 |
| Mercadotecnia y Negocios Int | D1021 | Marco legal de los negocios | 3 | 8 |
| Mercadotecnia y Negocios Int | D1021 | Marco legal de los negocios | 3 | 8 |
| Mercadotecnia y Negocios Int | D1022 | (@)Derecho empresarial y propiedad intelectual | 3 | 8 |
| Mercadotecnia y Negocios Int | D2005 | Marco fiscal y regulatorio | 3 | 8 |
| Mercadotecnia y Negocios Int | D2018 | Contratos internacionales | 3 | 8 |
| Mercadotecnia y Negocios Int | EC1000 | Macroeconomía | 3 | 8 |
| Mercadotecnia y Negocios Int | EC1000 | Macroeconomía | 3 | 8 |
| Mercadotecnia y Negocios Int | EC1000 | Macroeconomía | 3 | 8 |
| Mercadotecnia y Negocios Int | EC1008 | Economía de la empresa (ING) | 3 | 8 |
| Mercadotecnia y Negocios Int | EC1008 | Economía de la empresa | 3 | 8 |
| Mercadotecnia y Negocios Int | EC1008 | Economía de la empresa | 3 | 8 |
| Mercadotecnia y Negocios Int | EC2001 | Economía financiera internacional | 3 | 8 |
| Mercadotecnia y Negocios Int | EC2002 | Finanzas públicas | 3 | 8 |

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|------------------------------|----------------|--|----------|-----------------------|
| Mercadotecnia y Negocios Int | EC2003 | Econometría financiera I | 3 | 8 |
| Mercadotecnia y Negocios Int | EC2004 | Econometría financiera II | 3 | 8 |
| Mercadotecnia y Negocios Int | EC2005 | Economía internacional (ING) | 3 | 8 |
| Mercadotecnia y Negocios Int | EC2006 | Política económica internacional | 3 | 8 |
| Mercadotecnia y Negocios Int | EC2018 | Economía política internacional | 3 | 8 |
| Mercadotecnia y Negocios Int | MT1001 | Mercadotecnia | 3 | 8 |
| Mercadotecnia y Negocios Int | MT1001 | Mercadotecnia | 3 | 8 |
| Mercadotecnia y Negocios Int | MT1001 | Mercadotecnia (ING) | 3 | 8 |
| Mercadotecnia y Negocios Int | MT1004 | Introducción a la carrera de LEM | 3 | 4 |
| Mercadotecnia y Negocios Int | MT1005 | Introducción a la carrera de LMC | 3 | 4 |
| Mercadotecnia y Negocios Int | MT2000 | Comunicación en el comercio al detalle | 3 | 8 |
| Mercadotecnia y Negocios Int | MT2005 | Administración y procesos de ventas (ING)* | 3 | 8 |
| Mercadotecnia y Negocios Int | MT2006 | Comportamiento del consumidor | 3 | 8 |
| Mercadotecnia y Negocios Int | MT2007 | Investigación de mercados cualitativa | 3 | 8 |
| Mercadotecnia y Negocios Int | MT2008 | (@)Mercadotecnia de servicios* | 3 | 8 |
| Mercadotecnia y Negocios Int | MT2009 | (@)Mercadotecnia entre negocios* | 3 | 8 |
| Mercadotecnia y Negocios Int | MT2010 | Mercadotecnia internacional (ING)* | 3 | 8 |
| Mercadotecnia y Negocios Int | MT2011 | Estrategia de comunicación para la mercadotecnia* | 3 | 8 |
| Mercadotecnia y Negocios Int | MT2013 | Investigación de mercados cuantitativa* | 3 | 8 |
| Mercadotecnia y Negocios Int | MT2014 | Administración del canal de distribución y comercialización* | 3 | 8 |
| Mercadotecnia y Negocios Int | MT3008 | Administración de precios* | 3 | 8 |
| Mercadotecnia y Negocios Int | MT3009 | Marcas y desarrollo de nuevos productos* | 3 | 8 |
| Mercadotecnia y Negocios Int | MT3010 | Tecnología y mercadotecnia* | 3 | 8 |
| Mercadotecnia y Negocios Int | MT3011 | Creación y arte en la comunicación para la mercadotecnia* | 3 | 8 |
| Mercadotecnia y Negocios Int | MT3012 | Promoción de ventas* | 3 | 8 |
| Mercadotecnia y Negocios Int | MT3013 | Seminario de inteligencia de mercados* | 3 | 8 |
| Mercadotecnia y Negocios Int | MT3014 | Seminario de planeación y dirección de mercadotecnia* | 3 | 8 |
| Mercadotecnia y Negocios Int | MT3015 | Mercadotecnia de productos | 3 | 8 |
| Mercadotecnia y Negocios Int | MT95025 | Consultoría de mercadotecnia | 3 | 8 |
| Mercadotecnia y Negocios Int | NI1001 | Empresa, cultura y negocios en el mundo | 3 | 8 |
| Mercadotecnia y Negocios Int | NI1001 | Empresa, cultura y negocios en el mundo (ING) | 3 | 8 |
| Mercadotecnia y Negocios Int | NI1001 | Empresa, cultura y negocios en el mundo | 3 | 8 |
| Mercadotecnia y Negocios Int | NI1002 | Técnicas de negociación y comercialización internacional | 3 | 8 |
| Mercadotecnia y Negocios Int | NI1003 | Introducción a la carrera de LIN | 3 | 4 |
| Mercadotecnia y Negocios Int | NI2001 | Negociaciones internacionales (ING)* | 3 | 8 |
| Mercadotecnia y Negocios Int | NI2003 | Marco legal internacional de los negocios I | 3 | 8 |
| Mercadotecnia y Negocios Int | NI2004 | Marco legal internacional de los negocios II* | 3 | 8 |
| Mercadotecnia y Negocios Int | NI2022 | Cadena logística segura | 3 | 8 |
| Mercadotecnia y Negocios Int | NI3007 | (@)Tratados comerciales internacionales de México* | 3 | 8 |
| Mercadotecnia y Negocios Int | NI3008 | Inteligencia de mercados internacionales I* | 3 | 8 |
| Mercadotecnia y Negocios Int | NI3009 | Inteligencia de mercados internacionales II* | 3 | 8 |
| Mercadotecnia y Negocios Int | NI3010 | Administración estratégica internacional (ING)* | 3 | 8 |

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|------------------------------|----------------|---|----------|-----------------------|
| Mercadotecnia y Negocios Int | NI3011 | Seminario de estrategia internacional* | 3 | 8 |
| Mercadotecnia y Negocios Int | NI3012 | Competitividad y geoconomía (ING)* | 3 | 8 |
| Mercadotecnia y Negocios Int | NI3013 | Inversión extranjera y riesgo país (ING)* | 3 | 8 |
| Mercadotecnia y Negocios Int | NI3014 | (@) Logística internacional I* | 3 | 8 |
| Mercadotecnia y Negocios Int | NI3015 | Logística internacional II (ING)* | 3 | 8 |
| Mercadotecnia y Negocios Int | NI95090 | Transportes internacionales | 3 | 8 |
| Programas Internacionales | PRXX013 | Optativa internacional I | 3 | 8 |
| Programas Internacionales | PRXX014 | Optativa internacional II | 3 | 8 |
| Programas Internacionales | PRXX015 | Optativa internacional III | 3 | 8 |
| Programas Internacionales | PRXX016 | Optativa internacional IV | 3 | 8 |
| Programas Internacionales | PRXX017 | Optativa internacional V | 3 | 8 |
| Programas Internacionales | PRXX018 | Optativa internacional VI | 3 | 8 |
| Psicología Organizacional | AD2005 | Gestión de recursos humanos en las organizaciones* | 3 | 8 |
| Psicología Organizacional | AD2005 | Gestión de recursos humanos en las organizaciones* | 3 | 8 |
| Psicología Organizacional | CC1012 | Psicología y liderazgo en ambientes multiculturales | 3 | 8 |
| Psicología Organizacional | CC1014 | Psicología | 3 | 8 |
| Psicología Organizacional | CC2004 | (INDEPENDENT STUDY) Dinámica de grupos* | 3 | 8 |
| Psicología Organizacional | RH1000 | Comportamiento organizacional y desarrollo del talento humano | 3 | 8 |
| Psicología Organizacional | RH1000 | Comportamiento organizacional y desarrollo del talento humano | 3 | 8 |
| Psicología Organizacional | RH1001 | Liderazgo | 3 | 8 |
| Psicología Organizacional | RH3003 | Atracción y retención del capital humano* | 3 | 8 |
| Psicología Organizacional | RH3004 | Evaluación del desempeño* | 3 | 8 |
| Psicología Organizacional | RH3005 | Administración de la compensación* | 3 | 8 |
| Psicología Organizacional | RH3006 | Administración estratégica de la capacitación* | 3 | 8 |
| Psicología Organizacional | RH3007 | Desarrollo organizacional I* | 3 | 8 |
| Universidad Virtual | IN3008 | (@) Herramientas para Seis Sigma | 3 | 8 |
| Universidad Virtual | IN3010 | (@) Metodología y fundamentos de seis sigma | 3 | 8 |
| Arquitectura | AM95007 | Proyecto de medio ambiente y desarrollo sostenible | 3 | 8 |
| Arquitectura | AR1006 | Dibujo y modelación digital | 3 | 8 |
| Arquitectura | AR1007 | Historia de la arquitectura y de la ciudad I | 3 | 8 |
| Arquitectura | AR1008 | Proyectos arquitectónicos I (ING) | 6 | 12 |
| Arquitectura | AR1008 | Proyectos arquitectónicos I | 6 | 12 |
| Arquitectura | AR1009 | Teorías de arquitectura (ING) | 3 | 8 |
| Arquitectura | AR1010 | Historia de la arquitectura y de la ciudad II | 3 | 8 |
| Arquitectura | AR1011 | Proyectos arquitectónicos II | 6 | 12 |
| Arquitectura | AR1011 | Proyectos arquitectónicos II | 6 | 12 |
| Arquitectura | AR1013 | Dibujo (ING) | 4 | 8 |
| Arquitectura | AR1013 | Dibujo | 4 | 8 |
| Arquitectura | AR1014 | Geometría descriptiva | 3 | 8 |
| Arquitectura | AR1014 | Geometría descriptiva | 3 | 8 |
| Arquitectura | AR1015 | Dibujo arquitectónico | 4 | 8 |
| Arquitectura | AR1015 | Dibujo arquitectónico | 4 | 8 |

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|--------------|----------------|--|----------|-----------------------|
| Arquitectura | AR1016 | Geometría aplicada | 3 | 8 |
| Arquitectura | AR1016 | Geometría aplicada | 3 | 8 |
| Arquitectura | AR1016 | Geometría aplicada | 3 | 8 |
| Arquitectura | AR1016 | Geometría aplicada | 3 | 8 |
| Arquitectura | AR1017 | Dibujo computarizado | 3 | 8 |
| Arquitectura | AR1019 | Introducción a la arquitectura | 3 | 4 |
| Arquitectura | AR2001 | Materiales y procedimientos de construcción I | 4 | 8 |
| Arquitectura | AR2002 | Sostenibilidad ambiental | 3 | 8 |
| Arquitectura | AR2003 | Tecnologías de la construcción | 4 | 8 |
| Arquitectura | AR2004 | Visualización digital | 3 | 8 |
| Arquitectura | AR2005 | Historia de la arquitectura y de la ciudad III* | 3 | 8 |
| Arquitectura | AR2006 | Proyectos arquitectónicos III* | 6 | 12 |
| Arquitectura | AR2006 | Proyectos arquitectónicos III (ING)* | 6 | 12 |
| Arquitectura | AR2007 | Historia de la arquitectura y de la ciudad IV (ING)* | 3 | 8 |
| Arquitectura | AR2008 | Proyectos arquitectónicos IV* | 6 | 12 |
| Arquitectura | AR2008 | Proyectos arquitectónicos IV (ING)* | 6 | 12 |
| Arquitectura | AR2009 | Taller de construcción I | 6 | 12 |
| Arquitectura | AR2009 | Taller de construcción I | 6 | 12 |
| Arquitectura | AR2010 | Proyectos arquitectónicos V | 6 | 12 |
| Arquitectura | AR2010 | Proyectos arquitectónicos V | 6 | 12 |
| Arquitectura | AR2011 | Taller de construcción II | 6 | 12 |
| Arquitectura | AR2011 | Taller de construcción II | 6 | 12 |
| Arquitectura | AR3002 | Instalaciones en los edificios* | 6 | 12 |
| Arquitectura | AR3003 | Seminario de teoría e historia* | 3 | 8 |
| Arquitectura | AR3004 | Proyectos integradores I* | 8 | 16 |
| Arquitectura | AR3004 | Proyectos integradores I* | 8 | 16 |
| Arquitectura | AR3004 | Proyectos integradores I* | 8 | 16 |
| Arquitectura | AR3005 | Teoría urbana (ING)* | 3 | 8 |
| Arquitectura | AR3006 | Metodologías de diseño urbano* | 3 | 8 |
| Arquitectura | AR3008 | Promotoría y gestión | 3 | 8 |
| Arquitectura | AR3009 | Proyecto urbano (ING)* | 3 | 8 |
| Arquitectura | AR3010 | Proyectos integradores III* | 8 | 16 |
| Arquitectura | AR3010 | Proyectos integradores III* | 8 | 16 |
| Arquitectura | AR3011 | Vinculación profesional | 3 | 8 |
| Arquitectura | AR95020 | Casa y sociedad | 3 | 8 |
| Arquitectura | AR95033 | Tecnología avanzada en arquitectura (ING) | 3 | 8 |
| Arquitectura | AR95074 | Modelación virtual de productos avanzada | 3 | 8 |
| Arquitectura | AR99838 | (INDEPENDENT STUDY) Taller de arquitectura VI* | 6 | 12 |
| Arquitectura | AR99840 | Taller de construcción II* | 6 | 8 |
| Arquitectura | AR99851 | (INDEPENDENT STUDY) Urbanismo | 6 | 12 |
| Arquitectura | AR99852 | Taller de arquitectura VII (ING) | 6 | 12 |
| Arquitectura | AR99852 | Taller de arquitectura VII | 6 | 12 |

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|--------------------------------|----------------|--|----------|-----------------------|
| Arquitectura | AR99853 | Tecnología en la edificación | 3 | 8 |
| Arquitectura | AR99854 | (INDEPENDENT STUDY)Análisis crítico de la arquitectura y su contexto (ING) | 3 | 8 |
| Arquitectura | AR99855 | Evaluación de proyectos arquitectónicos y urbanos | 3 | 8 |
| Arquitectura | AR99860 | Proyecto de fin de carrera | 9 | 16 |
| Arquitectura | AR99871 | Clínica empresarial | 3 | 24 |
| Arquitectura | CV1003 | Estática y resistencia de materiales | 3 | 8 |
| Arquitectura | CV2018 | Costos y presupuestos | 3 | 8 |
| Arquitectura | CV2018 | Costos y presupuestos | 3 | 8 |
| Arquitectura | CV2019 | Análisis estructural | 3 | 8 |
| Arquitectura | CV3000 | Estructuras de concreto | 3 | 8 |
| Arquitectura | CV3002 | Estructuras de acero y madera | 3 | 8 |
| Arquitectura | CV3002 | Estructuras de acero y madera | 3 | 8 |
| Arquitectura | H1032 | Identidad y cultura mexicana | 3 | 8 |
| Arquitectura | IQ3004 | Ecoeficiencia y procesos sustentables* | 3 | 8 |
| Biotecnología e Ing. Alimentos | AA2001 | Sistemas de producción y distribución agroindustrial | 3 | 8 |
| Biotecnología e Ing. Alimentos | AG1002 | Biorrecursos | 3 | 8 |
| Biotecnología e Ing. Alimentos | AG1005 | Mecanización agropecuaria | 3 | 8 |
| Biotecnología e Ing. Alimentos | AG1006 | Uso y manejo del agua | 3 | 8 |
| Biotecnología e Ing. Alimentos | AG1007 | Laboratorio de uso y manejo del agua | 0 | 4 |
| Biotecnología e Ing. Alimentos | AG1010 | Introducción a la agronomía | 3 | 4 |
| Biotecnología e Ing. Alimentos | AG2000 | Anatomía y fisiología animal (ING) | 3 | 8 |
| Biotecnología e Ing. Alimentos | AG2004 | Sanidad animal (ING) | 3 | 8 |
| Biotecnología e Ing. Alimentos | AG2008 | Aseguramiento de calidad* | 3 | 8 |
| Biotecnología e Ing. Alimentos | AG2014 | Fitopatología* | 3 | 8 |
| Biotecnología e Ing. Alimentos | AG2016 | Nutrición animal | 3 | 8 |
| Biotecnología e Ing. Alimentos | AG2018 | (INDEPENDENT STUDY)Residencia práctica | 3 | 8 |
| Biotecnología e Ing. Alimentos | AG2019 | Entomología* | 3 | 8 |
| Biotecnología e Ing. Alimentos | AG3000 | Anatomía y fisiología vegetal | 3 | 8 |
| Biotecnología e Ing. Alimentos | AG3001 | Nutrición vegetal | 3 | 8 |
| Biotecnología e Ing. Alimentos | AG3008 | Sistemas de producción de rumiantes* | 3 | 8 |
| Biotecnología e Ing. Alimentos | AG3013 | Proyecto integrador* | 3 | 8 |
| Biotecnología e Ing. Alimentos | AG3015 | Sistemas de producción en invernaderos* | 3 | 8 |
| Biotecnología e Ing. Alimentos | AG3017 | Sistemas de producción de hortalizas* | 3 | 8 |
| Biotecnología e Ing. Alimentos | BT1002 | Genética | 3 | 8 |
| Biotecnología e Ing. Alimentos | BT1002 | Genética | 3 | 8 |
| Biotecnología e Ing. Alimentos | BT1002 | Genética | 3 | 8 |
| Biotecnología e Ing. Alimentos | BT1003 | Biología molecular* | 3 | 8 |
| Biotecnología e Ing. Alimentos | BT1005 | Microbiología industrial * | 3 | 8 |
| Biotecnología e Ing. Alimentos | BT1006 | Laboratorio de microbiología | 0 | 4 |
| Biotecnología e Ing. Alimentos | BT1006 | Laboratorio de microbiología | 0 | 4 |
| Biotecnología e Ing. Alimentos | BT1006 | Laboratorio de microbiología | 0 | 4 |
| Biotecnología e Ing. Alimentos | BT1007 | Laboratorio de microbiología | 0 | 4 |

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| Departamento | Cve Materia | Nombre Materia | CREDITOS | UNIDADES MEXICANAS |
|---------------------------|----------------|--|----------|-----------------------|
| Biología e Ing. Alimentos | BT1009 | Biología y desarrollo sustentable | 3 | 8 |
| Biología e Ing. Alimentos | BT1009 | Biología y desarrollo sustentable | 3 | 8 |
| Biología e Ing. Alimentos | BT1009 | Biología y desarrollo sustentable | 3 | 8 |
| Biología e Ing. Alimentos | BT1010 | Introducción a la bioingeniería | 3 | 4 |
| Biología e Ing. Alimentos | BT2001 | Ingeniería genética (ING)* | 3 | 8 |
| Biología e Ing. Alimentos | BT2002 | Laboratorio de ingeniería genética (ING) | 0 | 4 |
| Biología e Ing. Alimentos | BT2002 | Laboratorio de ingeniería genética (ING) | 0 | 4 |
| Biología e Ing. Alimentos | BT2003 | Microbiología* | 3 | 8 |
| Biología e Ing. Alimentos | BT2004 | Cultivo de tejidos* | 3 | 8 |
| Biología e Ing. Alimentos | BT2005 | Enzimología y biocatálisis* | 3 | 8 |
| Biología e Ing. Alimentos | BT2006 | Laboratorio de enzimología y biocatálisis | 0 | 4 |
| Biología e Ing. Alimentos | BT2006 | Laboratorio de enzimología y biocatálisis | 0 | 4 |
| Biología e Ing. Alimentos | BT2008 | Diagnóstico molecular I | 3 | 8 |
| Biología e Ing. Alimentos | BT2009 | Diagnóstico molecular II (ING) | 3 | 8 |
| Biología e Ing. Alimentos | BT2010 | Genómica funcional (ING) | 3 | 8 |
| Biología e Ing. Alimentos | BT3000 | Laboratorio de cultivo de tejidos | 0 | 4 |
| Biología e Ing. Alimentos | BT3000 | Laboratorio de cultivo de tejidos | 0 | 4 |
| Biología e Ing. Alimentos | BT3001 | Desarrollo de alimentos y bioproductos* | 3 | 8 |
| Biología e Ing. Alimentos | BT3002 | Ingeniería metabólica* | 3 | 8 |
| Biología e Ing. Alimentos | BT3003 | Laboratorio de procesos biotecnológicos | 0 | 4 |
| Biología e Ing. Alimentos | BT3003 | Laboratorio de procesos biotecnológicos | 0 | 4 |
| Biología e Ing. Alimentos | BT3006 | Biología de nutraceuticos y fármacos | 3 | 8 |
| Biología e Ing. Alimentos | BT3008 | Procesos biotecnológicos | 3 | 8 |
| Biología e Ing. Alimentos | BT3009 | Bioreactores y bioreacción (ING) | 3 | 8 |
| Biología e Ing. Alimentos | DS1005 | Cambio climático y uso de energía | 3 | 8 |
| Biología e Ing. Alimentos | DS1005 | Cambio climático y uso de energía | 3 | 8 |
| Biología e Ing. Alimentos | IQ1001 | Balance de materia | 3 | 8 |
| Biología e Ing. Alimentos | IQ2000 | Balance de energía (ING) | 3 | 8 |
| Biología e Ing. Alimentos | IQ2000 | Balance de energía (ING) | 3 | 8 |
| Biología e Ing. Alimentos | IQ2001 | Termodinámica | 3 | 8 |
| Biología e Ing. Alimentos | IQ2001 | Termodinámica | 3 | 8 |
| Biología e Ing. Alimentos | IQ2001 | Termodinámica | 3 | 8 |
| Biología e Ing. Alimentos | IQ2003 | Termodinámica del equilibrio | 3 | 8 |
| Biología e Ing. Alimentos | IQ3014 | Laboratorio de operaciones unitarias | 0 | 4 |
| Biología e Ing. Alimentos | IQ3014 | Laboratorio de operaciones unitarias | 0 | 4 |
| Biología e Ing. Alimentos | IQ3022 | Proyecto de diseño de plantas alimentarias | 3 | 8 |
| Biología e Ing. Alimentos | Q1014 | Química experimental | 0 | 8 |
| Biología e Ing. Alimentos | Q1014 | Química experimental | 0 | 8 |
| Biología e Ing. Alimentos | Q1014 | Química experimental | 0 | 8 |
| Biología e Ing. Alimentos | Q2000 | Bioquímica | 3 | 8 |
| Biología e Ing. Alimentos | Q2000 | Bioquímica | 3 | 8 |
| Biología e Ing. Alimentos | Q2001 | Química de alimentos | 3 | 8 |

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|---------------------------|----------------|---|----------|-----------------------|
| Biología e Ing. Alimentos | TA2000 | Análisis de alimentos* | 3 | 8 |
| Biología e Ing. Alimentos | TA2001 | Laboratorio de química y análisis de alimentos | 0 | 4 |
| Biología e Ing. Alimentos | TA2002 | Laboratorio de evaluación sensorial | 0 | 4 |
| Biología e Ing. Alimentos | TA2003 | Termodinámica en sistemas biológicos | 3 | 8 |
| Biología e Ing. Alimentos | TA2004 | Ciencia y tecnología de la carne * | 3 | 8 |
| Biología e Ing. Alimentos | TA2005 | Ingeniería de alimentos I* | 3 | 8 |
| Biología e Ing. Alimentos | TA3002 | Nutrición, alimentos y salud | 3 | 8 |
| Biología e Ing. Alimentos | TA3003 | Desarrollo de productos alimentarios* | 3 | 8 |
| Biología e Ing. Alimentos | TA3004 | Envases y embalajes (ING)* | 3 | 8 |
| Biología e Ing. Alimentos | TA3005 | Laboratorio de innovación y desarrollo de productos de la carne | 0 | 4 |
| Biología e Ing. Alimentos | TA3005 | Laboratorio de innovación y desarrollo de productos de la carne | 0 | 4 |
| Biología e Ing. Alimentos | TA3007 | Ingeniería de alimentos II (ING)* | 3 | 8 |
| Biología e Ing. Alimentos | TA3008 | Laboratorio de innovación y desarrollo de lácteos | 0 | 4 |
| Biología e Ing. Alimentos | TA3008 | Laboratorio de innovación y desarrollo de lácteos | 0 | 4 |
| Biología e Ing. Alimentos | TA3009 | Productos lácteos (ING) * | 3 | 8 |
| Biología e Ing. Alimentos | TA3010 | Industrialización de cereales y oleaginosas* | 3 | 8 |
| Biología e Ing. Alimentos | TA3011 | Ingeniería de procesos emergentes (ING)* | 3 | 8 |
| Biología e Ing. Alimentos | TA3012 | Laboratorio de innovación y desarrollo de cereales y oleaginosas | 0 | 4 |
| Biología e Ing. Alimentos | TA3013 | Laboratorio de innovación y desarrollo de productos hortofrutícolas | 0 | 4 |
| Biología e Ing. Alimentos | TA3014 | Manejo y procesamiento de frutas y hortalizas* | 3 | 8 |
| Biología e Ing. Alimentos | TA3015 | Inocuidad alimentaria* | 3 | 8 |
| Ciencias Básicas | CD1000 | Estadística administrativa I | 3 | 8 |
| Ciencias Básicas | CD1000 | Estadística administrativa I | 3 | 8 |
| Ciencias Básicas | CD1000 | Estadística administrativa I | 3 | 8 |
| Ciencias Básicas | CD1002 | Estadística administrativa II | 3 | 8 |
| Ciencias Básicas | CD1002 | Estadística administrativa II | 3 | 8 |
| Ciencias Básicas | F1001 | Introducción a la física | 3 | 8 |
| Ciencias Básicas | F1001 | Introducción a la física | 3 | 8 |
| Ciencias Básicas | F1002 | Física I | 3 | 8 |
| Ciencias Básicas | F1002 | Física I | 3 | 8 |
| Ciencias Básicas | F1002 | Física I | 3 | 8 |
| Ciencias Básicas | F1002 | Física I | 3 | 8 |
| Ciencias Básicas | F1002 | Física I | 3 | 8 |
| Ciencias Básicas | F1003 | Física II | 3 | 8 |
| Ciencias Básicas | F1003 | Física II | 3 | 8 |
| Ciencias Básicas | F1003 | Física II | 3 | 8 |
| Ciencias Básicas | F1003 | Física II | 3 | 8 |
| Ciencias Básicas | F1004 | Electricidad y magnetismo | 3 | 8 |
| Ciencias Básicas | F1004 | Electricidad y magnetismo (ING) | 3 | 8 |
| Ciencias Básicas | F2001 | Física para el diseño | 3 | 8 |
| Ciencias Básicas | MA1001 | Introducción a las matemáticas | 6 | 16 |
| Ciencias Básicas | MA1001 | Introducción a las matemáticas | 6 | 16 |

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|------------------|----------------|----------------------------------|----------|-----------------------|
| Ciencias Basicas | MA1001 | Introducción a las matemáticas | 6 | 16 |
| Ciencias Basicas | MA1001 | Introducción a las matemáticas | 6 | 16 |
| Ciencias Basicas | MA1001 | Introducción a las matemáticas | 6 | 16 |
| Ciencias Basicas | MA1006 | Probabilidad y estadística (ING) | 3 | 8 |
| Ciencias Basicas | MA1006 | Probabilidad y estadística | 3 | 8 |
| Ciencias Basicas | MA1006 | Probabilidad y estadística | 3 | 8 |
| Ciencias Basicas | MA1006 | Probabilidad y estadística | 3 | 8 |
| Ciencias Basicas | MA1006 | Probabilidad y estadística | 3 | 8 |
| Ciencias Basicas | MA1009 | Matemáticas para el diseño | 3 | 8 |
| Ciencias Basicas | MA1009 | Matemáticas para el diseño | 3 | 8 |
| Ciencias Basicas | MA1009 | Matemáticas para el diseño | 3 | 8 |
| Ciencias Basicas | MA1010 | Álgebra lineal | 3 | 8 |
| Ciencias Basicas | MA1015 | Matemáticas I | 3 | 8 |
| Ciencias Basicas | MA1015 | Matemáticas I | 3 | 8 |
| Ciencias Basicas | MA1015 | Matemáticas I (ING) | 3 | 8 |
| Ciencias Basicas | MA1016 | Matemáticas I (ING) | 3 | 8 |
| Ciencias Basicas | MA1016 | Matemáticas I | 3 | 8 |
| Ciencias Basicas | MA1016 | Matemáticas I | 3 | 8 |
| Ciencias Basicas | MA1017 | Matemáticas II (ING) | 3 | 8 |
| Ciencias Basicas | MA1017 | Matemáticas II | 3 | 8 |
| Ciencias Basicas | MA1017 | Matemáticas II | 3 | 8 |
| Ciencias Basicas | MA1017 | Matemáticas II | 3 | 8 |
| Ciencias Basicas | MA1017 | Matemáticas II | 3 | 8 |
| Ciencias Basicas | MA1018 | Matemáticas II | 3 | 8 |
| Ciencias Basicas | MA1018 | Matemáticas II (ING) | 3 | 8 |
| Ciencias Basicas | MA1018 | Matemáticas II | 3 | 8 |
| Ciencias Basicas | MA2001 | Ecuaciones diferenciales (ING) | 3 | 8 |
| Ciencias Basicas | MA2001 | Ecuaciones diferenciales | 3 | 8 |
| Ciencias Basicas | MA2002 | Matemáticas para ingeniería III | 3 | 8 |
| Ciencias Basicas | MA2002 | Matemáticas para ingeniería III | 3 | 8 |
| Ciencias Basicas | MA2005 | Matemáticas para el diseño II | 3 | 8 |
| Ciencias Basicas | MA3013 | Matemáticas avanzadas (ING) | 3 | 8 |
| Ciencias Basicas | Q1001 | Química | 3 | 8 |
| Ciencias Basicas | Q1001 | Química | 3 | 8 |
| Ciencias Basicas | Q1001 | Química | 3 | 8 |
| Ciencias Basicas | Q1001 | Química | 3 | 8 |
| Ciencias Basicas | Q1001 | Química | 3 | 8 |
| Ciencias Basicas | Q1001 | Química | 3 | 8 |
| Ciencias Basicas | Q1004 | Laboratorio de química | 0 | 4 |
| Ciencias Basicas | Q1004 | Laboratorio de química | 0 | 4 |

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|-------------------|----------------|---|----------|-----------------------|
| Ciencias Basicas | Q1004 | Laboratorio de química | 0 | 4 |
| Ciencias Basicas | Q1004 | Laboratorio de química | 0 | 4 |
| Ciencias Basicas | Q1004 | Laboratorio de química | 0 | 4 |
| Ciencias Basicas | Q1004 | Laboratorio de química | 0 | 4 |
| Ciencias Basicas | Q1004 | Laboratorio de química | 0 | 4 |
| Ciencias Basicas | Q1004 | Laboratorio de química | 0 | 4 |
| Ciencias Basicas | Q1004 | Laboratorio de química | 0 | 4 |
| Ciencias Basicas | Q1004 | Laboratorio de química | 0 | 4 |
| Ciencias Basicas | Q1007 | Química orgánica estructural | 3 | 8 |
| Ciencias Basicas | Q1007 | Química orgánica estructural | 3 | 8 |
| Ciencias Basicas | Q1007 | Química orgánica estructural | 3 | 8 |
| Diseño Industrial | AR95036 | Iluminación arquitectónica | 3 | 8 |
| Diseño Industrial | DL1002 | Fundamentos del diseño I | 4 | 8 |
| Diseño Industrial | DL1002 | Fundamentos del diseño I | 4 | 8 |
| Diseño Industrial | DL1002 | Fundamentos del diseño I | 4 | 8 |
| Diseño Industrial | DL1002 | Fundamentos del diseño I | 4 | 8 |
| Diseño Industrial | DL1004 | Fundamentos del diseño II | 4 | 8 |
| Diseño Industrial | DL1004 | Fundamentos del diseño II | 4 | 8 |
| Diseño Industrial | DL1004 | Fundamentos del diseño II | 4 | 8 |
| Diseño Industrial | DL1004 | Fundamentos del diseño II | 4 | 8 |
| Diseño Industrial | DL1004 | Fundamentos del diseño II | 4 | 8 |
| Diseño Industrial | DL1007 | (INDEPENDENT STUDY) Técnicas de representación II | 4 | 8 |
| Diseño Industrial | DL1008 | Modelos y maquetas | 3 | 8 |
| Diseño Industrial | DL1008 | Modelos y maquetas | 3 | 8 |
| Diseño Industrial | DL1008 | Modelos y maquetas | 3 | 8 |
| Diseño Industrial | DL1009 | Creatividad e innovación | 3 | 8 |
| Diseño Industrial | DL1009 | Creatividad e innovación | 3 | 8 |
| Diseño Industrial | DL1009 | Creatividad e innovación | 3 | 8 |
| Diseño Industrial | DL1009 | Creatividad e innovación | 3 | 8 |
| Diseño Industrial | DL1009 | Creatividad e innovación | 3 | 8 |
| Diseño Industrial | DL1010 | Taller de modelos y prototipos I | 3 | 8 |
| Diseño Industrial | DL1014 | Introducción al diseño | 3 | 4 |
| Diseño Industrial | DL2001 | Proyecto de diseño I | 6 | 12 |
| Diseño Industrial | DL2003 | Historia del diseño industrial | 3 | 8 |
| Diseño Industrial | DL2004 | Modelación virtual paramétrica | 0 | 4 |
| Diseño Industrial | DL2005 | Proyecto de diseño II | 6 | 12 |
| Diseño Industrial | DL2006 | Taller de materiales y prototipos II | 2 | 8 |
| Diseño Industrial | DL2007 | Técnicas de representación digital | 3 | 8 |
| Diseño Industrial | DL2008 | Ergonomía I* | 3 | 8 |
| Diseño Industrial | DL2009 | Lenguaje de los objetos (ING)* | 3 | 8 |
| Diseño Industrial | DL2010 | Modelación virtual de superficies | 0 | 4 |
| Diseño Industrial | DL2011 | Proyecto de diseño III* | 6 | 12 |

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|-------------------------|----------------|---|----------|-----------------------|
| Diseño Industrial | DL2012 | Aplicaciones tecnológicas al diseño | 1 | 8 |
| Diseño Industrial | DL2013 | Ergonomía II* | 3 | 8 |
| Diseño Industrial | DL2014 | Multimedia | 0 | 4 |
| Diseño Industrial | DL2015 | Proyecto de diseño IV* | 6 | 12 |
| Diseño Industrial | DL2015 | Proyecto de diseño IV* | 6 | 12 |
| Diseño Industrial | DL2016 | Transformación y selección de materiales I* | 3 | 8 |
| Diseño Industrial | DL2017 | Prototipos avanzados | 1 | 8 |
| Diseño Industrial | DL3000 | Técnicas de representación III | 4 | 8 |
| Diseño Industrial | DL3000 | Técnicas de representación III | 4 | 8 |
| Diseño Industrial | DL3001 | Proyecto de diseño V* | 6 | 12 |
| Diseño Industrial | DL3002 | Transformación y selección de materiales II* | 3 | 8 |
| Diseño Industrial | DL3003 | Biodiseño* | 3 | 8 |
| Diseño Industrial | DL3004 | Diseño estratégico (ING)* | 3 | 8 |
| Diseño Industrial | DL3005 | Portafolio profesional | 2 | 2 |
| Diseño Industrial | DL3006 | Proyecto de diseño VI* | 6 | 12 |
| Diseño Industrial | DL3007 | Aspectos legales y administrativos del diseño | 3 | 8 |
| Diseño Industrial | DL3008 | Proyecto de inserción profesional* | 4 | 8 |
| Diseño Industrial | DL3008 | Proyecto de inserción profesional* | 4 | 8 |
| Diseño Industrial | DL3009 | Teorías avanzadas del diseño* | 3 | 8 |
| Diseño Industrial | DL3012 | Taller de diseño y fabricación de joyería | 3 | 8 |
| Diseño Industrial | H2022 | Historia del arte | 3 | 8 |
| Diseño Industrial | M1004 | Dibujo computarizado | 2 | 8 |
| Diseño Industrial | PR2095 | Diseño de conceptos | 3 | 8 |
| Electrónica-Mecatrónica | E 95016 | Microcontroladores avanzados | 3 | 8 |
| Electrónica-Mecatrónica | MR1002 | Introducción a la ingeniería mecatrónica | 3 | 4 |
| Electrónica-Mecatrónica | MR2000 | Automatismos lógicos* | 3 | 8 |
| Electrónica-Mecatrónica | MR2002 | Laboratorio de automatismos lógicos (ING) | 0 | 4 |
| Electrónica-Mecatrónica | MR2003 | Actuadores* | 3 | 8 |
| Electrónica-Mecatrónica | MR2004 | Ingeniería de control* | 3 | 8 |
| Electrónica-Mecatrónica | MR2005 | Laboratorio de instrumentación mecatrónica | 0 | 4 |
| Electrónica-Mecatrónica | MR2007 | Control computarizado* | 3 | 8 |
| Electrónica-Mecatrónica | MR2008 | Laboratorio de redes industriales | 0 | 4 |
| Electrónica-Mecatrónica | MR2009 | Redes industriales* | 3 | 8 |
| Electrónica-Mecatrónica | MR2010 | Sistemas embebidos (ING)* | 3 | 8 |
| Electrónica-Mecatrónica | MR3011 | Laboratorio de control automático | 0 | 4 |
| Electrónica-Mecatrónica | MR3011 | Laboratorio de control automático | 0 | 4 |
| Electrónica-Mecatrónica | MR3012 | Laboratorio de mecatrónica | 0 | 4 |
| Electrónica-Mecatrónica | MR3013 | Dinámica de procesos y control | 3 | 8 |
| Electrónica-Mecatrónica | MR3017 | Robótica industrial (ING)* | 3 | 8 |
| Electrónica-Mecatrónica | TE1000 | Circuitos eléctricos I | 3 | 8 |
| Electrónica-Mecatrónica | TE1005 | Ingeniería eléctrica | 3 | 8 |
| Electrónica-Mecatrónica | TE2001 | Circuitos eléctricos II* | 3 | 8 |

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| Electrónica-Mecatrónica | TE2003 | Proyecto integral de tecnologías digitales | 3 | 8 |
| Electrónica-Mecatrónica | TE2006 | Electrónica aplicada* | 3 | 8 |
| Electrónica-Mecatrónica | TE2007 | Proyecto integral de tecnologías electrónicas* | 3 | 8 |
| Electrónica-Mecatrónica | TE2008 | Diseño electrónico I | 3 | 8 |
| Electrónica-Mecatrónica | TE2009 | Diseño electrónico II | 3 | 8 |
| Electrónica-Mecatrónica | TE2016 | Fundamentos de sistemas de comunicaciones (ING)* | 2 | 8 |
| Electrónica-Mecatrónica | TE3002 | Procesamiento de señales digitales* | 3 | 8 |
| Electrónica-Mecatrónica | TE3004 | Diseño de sistemas embebidos (ING)* | 3 | 8 |
| Electrónica-Mecatrónica | TE3006 | Interfaces computacionales y diseño de equipo periférico(ING) | 3 | 8 |
| Electrónica-Mecatrónica | TE3022 | Proyecto integrador de tecnologías electrónicas I* | 2 | 4 |
| Electrónica-Mecatrónica | TE3023 | Proyecto integrador de tecnologías electrónicas II* | 2 | 4 |
| Electrónica-Mecatrónica | TE3026 | Laboratorio de diseño electrónico | 0 | 4 |
| Electrónica-Mecatrónica | TE3042 | Sistemas embebidos* | 3 | 8 |
| Industrial | CD2000 | Análisis de decisiones | 3 | 8 |
| Industrial | CD2000 | Análisis de decisiones | 3 | 8 |
| Industrial | CD2004 | Administración de operaciones* | 3 | 8 |
| Industrial | CD2006 | Pronósticos para la toma de decisiones | 3 | 8 |
| Industrial | IN2001 | Diseño del trabajo | 2 | 8 |
| Industrial | IN2001 | Diseño del trabajo | 2 | 8 |
| Industrial | IN2001 | Diseño del trabajo | 2 | 8 |
| Industrial | IN2001 | Diseño del trabajo | 2 | 8 |
| Industrial | IN2002 | Diseño y análisis de experimentos | 3 | 8 |
| Industrial | IN2002 | Diseño y análisis de experimentos | 3 | 8 |
| Industrial | IN2002 | Diseño y análisis de experimentos | 3 | 8 |
| Industrial | IN2002 | Diseño y análisis de experimentos | 3 | 8 |
| Industrial | IN2003 | Planeación de plantas industriales | 2 | 8 |
| Industrial | IN2003 | Planeación de plantas industriales | 2 | 8 |
| Industrial | IN2004 | Control estadístico de la calidad | 3 | 8 |
| Industrial | IN2004 | Control estadístico de la calidad | 3 | 8 |
| Industrial | IN2005 | Dinámica de sistemas* | 3 | 8 |
| Industrial | IN2006 | Ingeniería de proyectos | 3 | 8 |
| Industrial | IN2006 | Ingeniería de proyectos | 3 | 8 |
| Industrial | IN2006 | Ingeniería de proyectos | 3 | 8 |
| Industrial | IN2007 | Investigación de operaciones I | 3 | 8 |
| Industrial | IN2008 | Planeación y programación de la cadena de suministro* | 3 | 8 |
| Industrial | IN2010 | Gestión de abastecimiento e inventarios* | 3 | 8 |
| Industrial | IN2011 | Ingeniería estadística* | 3 | 8 |
| Industrial | IN2011 | Ingeniería estadística* | 3 | 8 |
| Industrial | IN2012 | Investigación de operaciones II* | 3 | 8 |
| Industrial | IN3011 | Ingeniería económica* | 3 | 8 |
| Industrial | IN3012 | Gestión de la producción* | 3 | 8 |
| Industrial | IN3012 | Gestión de la producción* | 3 | 8 |

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|---------------------|----------------|---|----------|-----------------------|
| Industrial | IN3014 | Simulación* | 3 | 8 |
| Industrial | IN3016 | Estrategias de manufactura | 3 | 8 |
| Industrial | IN3016 | Estrategias de manufactura | 3 | 8 |
| Industrial | IN3017 | Laboratorio de diseño y optimización de operaciones | 0 | 4 |
| Industrial | IN3018 | (@) Metodologías para el diseño y mejora de procesos* | 3 | 8 |
| Industrial | IN3019 | Administración de la tecnología* | 3 | 8 |
| Industrial | IN3020 | Planeación estratégica* | 3 | 8 |
| Industrial | IN3021 | Proyecto empresarial | 3 | 8 |
| Industrial | IN3022 | Sistemas de calidad* | 3 | 8 |
| Industrial | IN3023 | Sistemas logísticos* | 3 | 8 |
| Industrial | IN3027 | Herramientas de manufactura esbelta | 3 | 8 |
| Industrial | IN3033 | Mapas de estrategia para la manufactura esbelta | 3 | 8 |
| Ingeniería Mecánica | CV1002 | (INDEPENDENT STUDY) Topografía | 3 | 8 |
| Ingeniería Mecánica | CV1004 | Introducción a la ingeniería civil | 3 | 4 |
| Ingeniería Mecánica | CV2000 | Sistemas de información geográfica | 3 | 8 |
| Ingeniería Mecánica | CV2001 | Geología | 3 | 8 |
| Ingeniería Mecánica | CV2002 | Materiales y procedimientos de construcción I | 3 | 8 |
| Ingeniería Mecánica | CV2003 | Mecánica de sólidos I | 3 | 8 |
| Ingeniería Mecánica | CV2004 | Agua para el desarrollo | 3 | 8 |
| Ingeniería Mecánica | CV2005 | Análisis estructural | 3 | 8 |
| Ingeniería Mecánica | CV2006 | Laboratorio de materiales de construcción | 0 | 4 |
| Ingeniería Mecánica | CV2007 | Laboratorio de mecánica de suelos | 0 | 4 |
| Ingeniería Mecánica | CV2008 | Materiales y procedimientos de construcción II | 3 | 8 |
| Ingeniería Mecánica | CV2009 | Mecánica de sólidos II | 3 | 8 |
| Ingeniería Mecánica | CV2010 | Mecánica de suelos* | 3 | 8 |
| Ingeniería Mecánica | CV2011 | Diseño de elementos de concreto reforzado | 3 | 8 |
| Ingeniería Mecánica | CV2012 | Hidráulica general | 3 | 8 |
| Ingeniería Mecánica | CV2013 | Hidrología | 3 | 8 |
| Ingeniería Mecánica | CV2016 | Administración de obras | 3 | 8 |
| Ingeniería Mecánica | CV2021 | Geomática | 3 | 8 |
| Ingeniería Mecánica | CV2023 | Materiales y procedimientos de construcción I | 3 | 8 |
| Ingeniería Mecánica | CV2024 | Mecánica de estructuras I | 3 | 8 |
| Ingeniería Mecánica | CV3001 | Costos y programación de obra | 3 | 8 |
| Ingeniería Mecánica | IN3013 | Laboratorio de sistemas integrados de manufactura | 0 | 4 |
| Ingeniería Mecánica | IN3015 | Sistemas integrados de manufactura | 3 | 8 |
| Ingeniería Mecánica | M 00891 | Método de elementos finitos* | 3 | 8 |
| Ingeniería Mecánica | M 00894 | Proyecto automotriz I | 3 | 8 |
| Ingeniería Mecánica | M 00895 | Proyecto automotriz II | 3 | 8 |
| Ingeniería Mecánica | M 00981 | Laboratorio de ingeniería mecánica | 1 | 8 |
| Ingeniería Mecánica | M 95035 | Fundamentos de aeronáutica | 3 | 8 |
| Ingeniería Mecánica | M1002 | Dibujo computarizado | 2 | 8 |
| Ingeniería Mecánica | M1002 | Dibujo computarizado | 2 | 8 |

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| Departamento | Cve Materia | Nombre Materia | CREDITOS | UNIDADES MEXICANAS |
|--------------------------|----------------|--|----------|-----------------------|
| Ingeniería Mecánica | M1002 | Dibujo computarizado | 2 | 8 |
| Ingeniería Mecánica | M1003 | Estática | 3 | 8 |
| Ingeniería Mecánica | M1003 | Estática | 3 | 8 |
| Ingeniería Mecánica | M1003 | Estática | 3 | 8 |
| Ingeniería Mecánica | M1005 | Dinámica | 3 | 8 |
| Ingeniería Mecánica | M1005 | Dinámica | 3 | 8 |
| Ingeniería Mecánica | M1007 | Introducción a la ingeniería mecánica | 3 | 4 |
| Ingeniería Mecánica | M2006 | Mecánica de materiales I | 3 | 8 |
| Ingeniería Mecánica | M2007 | Análisis y simulación de mecanismos | 3 | 8 |
| Ingeniería Mecánica | M2007 | Análisis y simulación de mecanismos | 3 | 8 |
| Ingeniería Mecánica | M2008 | Mecánica de materiales II | 3 | 8 |
| Ingeniería Mecánica | M2010 | Comportamiento de los materiales | 3 | 8 |
| Ingeniería Mecánica | M2012 | Tecnología de materiales | 2 | 8 |
| Ingeniería Mecánica | M2014 | Aplicaciones de los materiales* | 3 | 8 |
| Ingeniería Mecánica | M2014 | Aplicaciones de los materiales* | 3 | 8 |
| Ingeniería Mecánica | M2015 | Diseño y simulación de elementos de máquinas* | 3 | 8 |
| Ingeniería Mecánica | M2016 | Ingeniería termodinámica* | 3 | 8 |
| Ingeniería Mecánica | M2017 | Metodologías de diseño (ING)* | 3 | 8 |
| Ingeniería Mecánica | M2017 | Metodologías de diseño (ING)* | 3 | 8 |
| Ingeniería Mecánica | M2018 | Procesos de manufactura | 2 | 8 |
| Ingeniería Mecánica | M2018 | Procesos de manufactura | 2 | 8 |
| Ingeniería Mecánica | M2020 | Ingeniería de manufactura* | 3 | 8 |
| Ingeniería Mecánica | M2021 | Mecánica de fluidos* | 3 | 8 |
| Ingeniería Mecánica | M2022 | Transferencia de energía | 2 | 8 |
| Ingeniería Mecánica | M3014 | Laboratorio de procesos de fabricación | 0 | 4 |
| Ingeniería Mecánica | M3015 | Laboratorio de termofluidos | 0 | 4 |
| Ingeniería Mecánica | M3016 | Manufactura avanzada* | 3 | 8 |
| Ingeniería Mecánica | M3017 | Transferencia de calor* | 3 | 8 |
| Ingeniería Mecánica | M3018 | Proyecto integrador de ingeniería mecánica* | 3 | 8 |
| Ingeniería Mecánica | M3024 | Materiales aeronáuticos | 3 | 8 |
| Ingeniería Mecánica | M3025 | Normas y certificaciones en la industria aeronáutica | 3 | 8 |
| Ingeniería Mecánica | MR00028 | Sistemas de control II | 2 | 8 |
| Ingeniería Mecánica | MR2013 | Sistemas de control | 3 | 8 |
| Ingeniería Mecánica | MR3009 | Diseño mecatrónico* | 3 | 8 |
| Ingeniería Mecánica | MR3010 | Integración de sistemas de manufactura | 2 | 8 |
| Ingeniería Mecánica | MR3014 | Laboratorio de biosensores | 0 | 4 |
| Ingeniería Mecánica | MR3016 | Proyecto de ingeniería mecatrónica* | 3 | 8 |
| Ingeniería Mecánica | MR3018 | Integración de sistemas de manufactura* | 2 | 8 |
| Sistemas Computacionales | IS00882 | Tecnologías de información | 3 | 8 |
| Sistemas Computacionales | M2009 | Métodos numéricos en ingeniería | 3 | 8 |
| Sistemas Computacionales | M2009 | Métodos numéricos en ingeniería | 3 | 8 |
| Sistemas Computacionales | M2009 | Métodos numéricos en ingeniería | 3 | 8 |

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|--------------------------|----------------|--|----------|-----------------------|
| Sistemas Computacionales | M2009 | Métodos numéricos en ingeniería | 3 | 8 |
| Sistemas Computacionales | MR1001 | Informática industrial | 3 | 8 |
| Sistemas Computacionales | TC1001 | Introducción a la computación | 3 | 8 |
| Sistemas Computacionales | TC1001 | Introducción a la computación | 3 | 8 |
| Sistemas Computacionales | TC1001 | Introducción a la computación | 3 | 8 |
| Sistemas Computacionales | TC1001 | Introducción a la computación | 3 | 8 |
| Sistemas Computacionales | TC1001 | Introducción a la computación | 3 | 8 |
| Sistemas Computacionales | TC1001 | Introducción a la computación | 3 | 8 |
| Sistemas Computacionales | TC1001 | Introducción a la computación | 3 | 8 |
| Sistemas Computacionales | TC1002 | Fundamentos de programación | 3 | 8 |
| Sistemas Computacionales | TC1002 | Fundamentos de programación | 3 | 8 |
| Sistemas Computacionales | TC1003 | Matemáticas discretas | 3 | 8 |
| Sistemas Computacionales | TC1004 | Organización computacional | 3 | 8 |
| Sistemas Computacionales | TC1006 | Proyecto de solución de problemas con programación | 3 | 8 |
| Sistemas Computacionales | TC1007 | Redes I | 3 | 8 |
| Sistemas Computacionales | TC1007 | Redes I | 3 | 8 |
| Sistemas Computacionales | TC1007 | Redes I | 3 | 8 |
| Sistemas Computacionales | TC1009 | Desarrollo de sistemas y bases de datos | 5 | 12 |
| Sistemas Computacionales | TC1010 | Programación para el diseño | 3 | 8 |
| Sistemas Computacionales | TC1013 | Métodos numéricos y álgebra lineal | 3 | 8 |
| Sistemas Computacionales | TC1014 | Fundamentos de programación | 3 | 8 |
| Sistemas Computacionales | TC1014 | Fundamentos de programación | 3 | 8 |
| Sistemas Computacionales | TC1015 | Fundamentos de diseño interactivo | 3 | 8 |
| Sistemas Computacionales | TC1017 | Solución de problemas con programación | 3 | 8 |
| Sistemas Computacionales | TC1017 | Solución de problemas con programación | 3 | 8 |
| Sistemas Computacionales | TC1017 | Solución de problemas con programación | 3 | 8 |
| Sistemas Computacionales | TC2001 | Análisis y diseño de algoritmos | 3 | 8 |
| Sistemas Computacionales | TC2002 | Redes II* | 3 | 8 |
| Sistemas Computacionales | TC2002 | Redes II* | 3 | 8 |
| Sistemas Computacionales | TC2003 | Teoría de la computación | 3 | 8 |
| Sistemas Computacionales | TC2004 | Análisis y modelación de sistemas de software | 3 | 8 |
| Sistemas Computacionales | TC2005 | Desarrollo de aplicaciones distribuidas* | 3 | 8 |
| Sistemas Computacionales | TC2006 | Lenguajes de programación* | 3 | 8 |
| Sistemas Computacionales | TC2007 | Métodos cuantitativos y simulación* | 3 | 8 |
| Sistemas Computacionales | TC2008 | Sistemas operativos* | 3 | 8 |
| Sistemas Computacionales | TC2010 | Seguridad informática (ING)* | 3 | 8 |
| Sistemas Computacionales | TC2011 | Sistemas inteligentes* | 3 | 8 |
| Sistemas Computacionales | TC2012 | Proyecto de desarrollo de software* | 3 | 8 |
| Sistemas Computacionales | TC2013 | Introducción a gráficas computacionales | 3 | 8 |
| Sistemas Computacionales | TC2016 | Programación orientada a objetos | 3 | 8 |
| Sistemas Computacionales | TC3001 | Optimización y programación lineal | 3 | 8 |
| Sistemas Computacionales | TC3003 | Diseño y arquitectura de software* | 3 | 8 |

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|--------------------------|----------------|--|----------|-----------------------|
| Sistemas Computacionales | TC3007 | Proyecto integrador de tecnologías computacionales* | 3 | 12 |
| Sistemas Computacionales | TC3021 | Desarrollo de videojuegos | 3 | 8 |
| Sistemas Computacionales | TC3021 | Desarrollo de videojuegos | 3 | 8 |
| Sistemas Computacionales | TC3037 | Programación avanzada | 3 | 8 |
| Sistemas Computacionales | TC3040 | Compiladores* | 3 | 8 |
| Sistemas Computacionales | TC3041 | Bases de datos avanzadas (ING)* | 3 | 8 |
| Sistemas Computacionales | TI1004 | Ciencia cognitiva | 3 | 8 |
| Sistemas Computacionales | TI1012 | Tecnologías de información para los negocios | 3 | 8 |
| Sistemas Computacionales | TI1012 | Tecnologías de información para los negocios | 3 | 8 |
| Sistemas Computacionales | TI2003 | Administración de proyectos de tecnologías de información y electrónica* | 3 | 8 |
| Sistemas Computacionales | TI2003 | Administración de proyectos de tecnologías de información y electrónica* | 3 | 8 |
| Sistemas Computacionales | TI2004 | Interacción humano-computadora | 2 | 8 |

*All courses are subject to change. *Some of the course codes may have changed. Please ask for the code that corresponds to the class you wish to take. Please confirm with the Academic Advisor while applying. vmartinz@itesm.mx

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UNDERGRADUATE ACADEMIC PROGRAMS FOR INTERNATIONAL STUDENTS

Description of the courses

AD1005 Management and business model innovation

Course with project.

Course that incorporates the innovation, the creativity and the entrepreneurship.

Course in which it's recommended to incorporate the reflection on ethical dilemmas.

Prerequisites: None.

Equivalences: AD1000

Course objective:

The student will be able to analyze and identify how the strategies for the management and business model innovation, generate value in organizations. Students should also be able to understand the role of technology in order to respond with greater strategic flexibility to the ever-changing business environment.

AD1006 Organizational Learning and Knowledge Management

Course that incorporates the innovation, the creativity and the entrepreneurship.

Course in which it's recommended to incorporate the dimensions of the sustainable development.

Prerequisites: None.

Equivalences: AD1002

Course objective:

At the end of the course the student will be able to understand how lifelong learning emphasizes the skills and attitudes of employees to facilitate working in teams for high-performance, so the Organization to generate competitive advantage. Also it will be able to draw up proposals to support decision making, and will discuss how to manage knowledge in organizations who learn.

AD3017 Family Business and Corporate Governance

Course that incorporates the innovation, the creativity and the entrepreneurship.

Course in which it's recommended to incorporate the reflection on ethical dilemmas.

Prerequisites: (FZ1006)

Equivalences: AD3000

Course objective:

When finalizing the course the student will be able to propose strategies with leadership and vision to let grow the business. To administer the process of succession of a familiar company; to design and to administer the familiar protocols; to administer the family and administration advice; to identify opportunities to increase the familiar patrimony. Bibliography:

AD3003 Strategic Management Seminar

Prerequisites: (AD2000 and AD2002)

Equivalences: IN3020, OR00895, PR3057

Course objective:

The student will be able to develop the strategic planning appropriate for the organization's development, environment and planned goals

AG2004 Animal Health

Prerequisites: None.

Equivalences: None.

Course objective:

Students will be able to: 1. Understand the immune response process in animals. 2. Establish preventive animal health program practices. 3. Comprehend the main diseases that affect food animals. 4. Learn and interpret the Animal Health Regulations prevailing in Mexico, as well as the related international regulations.

AR1013 Drawing

Prerequisites: None.

Equivalences: AR1003

Course objective:

Upon completion of this course, students will be able to: Appreciate drawing as a means of communication to achieve the understanding, expression of ideas and the perceptive habit of the diverse universal freehand drawing systems. Identify the most appropriate systems and techniques for the representation and freehand drawing of sketches, perspective views and drawings of objects, ideas and situations in order to express their design concepts graphically. Apply their prior knowledge of geometry, such as spatial analysis and shapes, using expressive media, such as perspectives and shading, appropriately.

AR1014 Descriptive Geometry

Prerequisites: None.

Equivalences: AR1002

Course objective:

Upon completion of this course, students will be able to use the necessary media and tools to understand the third dimension so that they can use it in the graphical description of objects; apply diverse descriptive geometry methods to solve graphical representation problems; apply the principles of representation in orthographic projection to communicate ideas clearly; and handle the universal language of elevation illustration appropriately.

AR2007 History of Architecture and the City IV

Prerequisites: (AR2005)

Equivalences: AR99844

Course objective:

Upon completion of this course, students will be able to: Recognize and analyze the formal, special, and structural characteristics of the architectural and urban styles associated with the historical periods studied. Identify the principal representatives in the history of architecture. Recognize the socio-cultural context in which the urban architecture was generated. Develop a culture of appreciation for historically valuable urban architectural expression.

AR99852 Architectural Design Workshop VII**Prerequisites:** (AR99838)**Equivalences:** PV1019**Course objective:**

Design of housing developments, horizontal and vertical housing. Development of architectural projects of complex construction. Conceptual solutions of structure. Knowledge and handling of local and international construction codes. Study of urban development's plans and permitted land use. Typological analysis of the real estate supply in the sector.

AR99839 Building Workshop I**Prerequisites:** (AR99832 and CV99852 and AR99861)**Equivalences:** PV1018**Course objective:**

Development of calculation criteria as a base for the constructive decisions of an architectural project, taking into account the basic concepts of soil mechanics, structural systems, installation systems, etc. Integration of the formal and functional aspects in a proposal that it considers the structure as a composition element. Knowledge and elaboration of specifications of materials and construction procedures. Development of architectural construction details.

AR95033 Advanced Architecture Technology**Prerequisites:** None.**Equivalences:** None.**Course objective:**

The course describes, discusses and experiment in fields related to architectural technology. It covers an array of themes and topics, ranging from basic principles of materiality, geometry and structural configuration; passing through engineering of architecture and bioclimatics, ending up in complex concepts of super-technology, advanced materials, specification techniques and visualization systems.

AR3005 Urban Theory**Prerequisites:** None.**Equivalences:** AR3018**Course objective:**

This course focuses on urban and town planning theory; identification of the similarities and differences between the diverse theories, urban agendas, etc.; understanding the importance of urban analysis in city projects; evaluation of the impact of urban theory and thinking on the formation of cities, including both the successes and the limitations that have been evaluated throughout history; the urban analysis of a predetermined site.

AR1009 Architectural Theories

Prerequisites: (DL1006)

Equivalences: AR1018, AR99828

Course objective:

Recognize the diverse theoretical trends of architecture and the city from the first architects to the contemporary era.

AR2004 Digital Visualization

Course in which it's recommended to incorporate the use of information technologies.

Prerequisites: (AR1017 or AR1006)

Equivalences: AR99825

Course objective:

Upon completion of this course, students will be able to apply theoretical and practical knowledge regarding computational media which allow for the design of any type of multimedia presentation, printing, or visualization technique for the professional communication of design concepts.

BM6007 Integral Calculus

Prerequisites: (PM5006)

Equivalences: BM6001, BM6006, PM6001, PM6006, PM6007

BT2001 Genetic Engineering

Course in which it's recommended to incorporate the reflection on ethical dilemmas.

Course in which it's recommended to incorporate the use of information technologies.

Prerequisites: (BT1003)

Equivalences: BT00863

Course objective:

Upon completion of this course, students will be able to: comprehend and analyze the processes of genetic manipulation which utilize recombinant DNA methods; uses for and applications of genetic vectors for the cloning and expression of proteins; explain the genetic diagnostic test for the analysis of genetically modified organisms, genetic disorders, metabolic dysfunctions, and the identification of pathogens.

BT2002 Genetic Engineering Laboratory

Prerequisites: (BT2001 or BT2001 Corequisite)

Equivalences: None.

Course objective:

Upon completion of this course, students will be able to develop competent cells for the capture of DNA,

manipulate plasmid vectors, analyze cloned DNA, generate genetically modified organisms, and perform genetic identification.

BT2009 Molecular Diagnostics II

Prerequisites: (BT2001)

Equivalences: None.

BT2010 Functional Genomics

Prerequisites: (BT1003 and BT2001)

Equivalences: None.

BT3009 Bioreactors

Course that incorporates the innovation, the creativity and the entrepreneurship.

Prerequisites: (BT2005)

Equivalences: None.

CF1008 Financial Information for Decision Making

Prerequisites: None.

Equivalences: CF1000

Course objective:

To the end of the course the student must be able to describe and elaborate the main financial statements and explain how they relate; summarize the accounting principles and concepts and relate them to the practice, state the accounting equation and define each element of the equation and explain how business transactions can be stated in terms of the resulting changes in the accounting education. And use economic and financial data bases to look for relevant financial information from public corporations.

CF1011 Managerial Accounting

Prerequisites: (CF1009)

Equivalences: CF1003

Course objective:

To the end course the student must be able to use marketing, economics and operations concepts with managerial accounting concepts and techniques for planning and decision making.

CS00002 Microcontrollers

Prerequisites: (CB00824 or CB00823) and (MR00033 Corequisite or MR00033) **Equivalences:** None.

Course objective:

Introduce students to both the ""hardware"" and ""software"" aspects of a microcontroller. Develop the skills for designing microcontroller and peripheral-based digital systems for solving control problems. Students will implement prototypes based on Intel 8051 and Microchip PIC microcontrollers.

D 95093 Entrepreneurial Law

Prerequisites: None.

Equivalences: None.

Course objective:

In the course one is to analyze the Companies like true agents and actors of the economic changes in the contemporary globalización. It is by that it is analyzed, to the legal shelter, the new enterprise legal forms like a privileged space of the expressed competition and the enterprise logic in the vocation of normative globalidad that is supplanting to the traditional domestic right.

EC1002 Microeconomics

Equivalences: EC00811, EC1008, EC95811, EC97811, EC99811

Course objective:

The study of the basic concepts of Supply and Demand and their relationship in achieving balance in a competitive market. The study of Elasticity, the Production process and Production costs. Analysis of Prices and Production policies in different market structures that an individual company could face(perfect competition, monopoly and oligopoly). This introductory course emphasizes the understanding of Economical concepts and graphics.

EC2005 International Economics

Prerequisites: (EC1000)

Equivalences: EC00844, EC2026

Course objective:

By the end of this course, students will be able to understand the economic basis of global business relationships and their evolution. The main course content is: classical and neoclassical models for international trade; concepts of business distribution and welfare; empirical tests of trade theories and alternative theories; tariff and non-tariff barriers; arguments in favor of trade restrictions; the impact of trade on economic growth and development; integration and some ongoing integration efforts; the money market; and the balance of payments.

F1002 Physics I

Prerequisites: (F1001)

Equivalences: F 00811, F 99802

Course objective:

On completing the course the student will be able to: Apply physical and mathematical concepts to linear and angular kinematics and dynamics using a vector language. Apply concepts from the laws of Physics to propose solutions to scenarios involving particles in movement and/or objects in rotation.

F1004 Electricity and Magnetism

Prerequisites: (F1002 and MA1004)

Equivalences: F 00813, F1005, PV1015

Course objective:

On completing the course the student will be able to: 1. Understand the electrical interaction between point and distributed charges, the interaction between magnetic fields and charges, the relations between electrical and magnetic fields and light propagation. 2. Apply electrical and magnetic concepts to the design and description of the functioning of simple electrical devices. 3 Apply the knowledge acquired to sensitize students to the role of science in sustainable development.

F1004 Electricity and Magnetism

Prerequisites: (F1002 and MA1004)

Equivalences: F 00813, F1005, PV1015

Course objective:

On completing the course the student will be able to: 1. Understand the electrical interaction between point and distributed charges, the interaction between magnetic fields and charges, the relations between electrical and magnetic fields and light propagation. 2. Apply electrical and magnetic concepts to the design and description of the functioning of simple electrical devices. 3 Apply the knowledge acquired to sensitize students to the role of science in sustainable development.

FZ2000 Financial Management

Prerequisites: (FZ1000)

Equivalences: FZ00850, FZ1004

Course objective:

Students will learn about the importance of finance as a generator of value in organizations. They will be able to analyze financial position, assess a capital structure based on a comparison of the different sources of financing, and estimate the cost of capital. They will understand the concept of working capital and be able to use management models for each of its accounts.

FZ2016 Project Valuation and Financing

Prerequisites: (FZ1005)

Equivalences: FZ2004

Creditable: FZ00874

Course objective:

At the end of the course, students are expected to be able to: develop an analysis and financial assessment of a real project, characterized by its high content of innovation, value added and technological development; propose innovative financing strategies by measuring the impact they may have on the environment and promoting its implementation in a sustainable manner; make a capital budget analysis;; analyze and evaluate various financing alternatives and the feasibility of projects, through scenario and sensitivity analysis.

H1001 Remedial English I

Prerequisites: (Toefl Score between 0-377 including)

Equivalences: H 00801, H 95801, H 97801, H 99801

Course objective:

Identify and produce sounds and intonation patterns of the English language. Participate in basic communicative interactions. Understand and formulate basic descriptions of places, objects and clothes in terms of size, color and shape. Understand and produce basic descriptions of people and their occupations and professional activities and fields. Identify the time frame and logical and chronological order when actions or events take place. Recognize and use collocations or idiomatic expressions properly. Understand basic information on headlines, advertisements, forms, labels, signs, and instructions. Take notes at the basic level.

H1002 Remedial English II

Prerequisites: (Toefl Score between 380-407 including or H1001)

Equivalences: H 00802, H 95802, H 97802, H 99802

Course objective:

Practice sounds, stress, and intonation patterns of the English language. Participate in basic communicative interactions. Describe people, objects, places, and known surroundings. Understand and produce phrases of certain extension and complexity, related to personal experience and needs. Establish logical and chronological order in actions or events. Identify main ideas and facts in simple and moderately complex texts. Write short compositions and formulate short sentences using fixed expressions. Provide information in simple documents and forms.

H1003 Remedial English III

Prerequisites: (Toefl Score between 410-437 including or H1002)

Equivalences: H 00803, H 95803, H 97803, H 99803

Course objective:

Identify and establish the communication intentions through the recognition of English intonation patterns. Interact adequately in different communicative contexts of everyday life. Identify and describe personal experiences, needs, emotions, plans and projects. Recognize and express personal opinions, laments, advice, etc. in conversations and interviews. Establish a logical and chronological order of actions and events in different temporal contexts. Identify the main idea and specific details in different texts. Write paragraphs and short texts using different language functions. Produce simple messages and paragraphs.

H1004 Remedial English IV

Prerequisites: (Toefl Score between 440-470 including or H1003)

Equivalences: H 00804, H 95804, H 97804, H 99804, PR0002

Course objective:

Identify and establish the communicative intention through the intonation patterns of the English language and recognize regional and international intonation patterns. Perform efficiently in a variety of communicative tasks and social situations. Express personal interests and every day activities. Recognize nuances in conversations and talks about academic topics. Establish logical relations between actions or events in different time frames.

Comprehend information from different sources. Identify main ideas and specific information in texts with social or academic content. Produce simple letters, brief synopses and paragraphs.

H1005 Remedial English V

Prerequisites: (Toefl Score between 473-507 including or H1004)

Equivalences: H 00809, PR0002

Course objective:

Express self with moderate fluency. Interact properly in personal, academic and social situations. Initiate, sustain, and close general, moderately structured conversations. Identify main ideas and some details of connected discourse on a variety of topics. Establish logical and chronological relations between the elements of a text. Interpret texts that deal with factual or academic information. Recognize the main ideas and specific information in academic readings. Write comprehensible, descriptive and narrative texts based on familiar and academic topics.

H1011 Introduction to Mexican Culture

Prerequisites: None.

Equivalences: IP1004, IP96061

Course objective:

Our roots: science, philosophy, art and religion in the pre-Hispanic world. The conquest as a cultural shock. The Evangelization and the Encomienda during the colonial period. From the Independence to the Revolution. From the Revolution to the Party Dictatorship. Cultural syncretism in Mexico. Psychology of the Mexican. The Sixth Sun: The awakening of Consciousness in the Mexico of the 21st century.

H1018 Ethics, Self and Society

Course in which it's recommended to incorporate the reflection on ethical dilemmas.

Prerequisites: (H1017 or H1017 Corequisite or H1040 or H1040 Corequisite) **Equivalences:** PR1027

Course objective:

Students will comprehend the importance and foundations of ethics in today's world, allowing them to make responsible decisions in order to complete their personal life project and to learn how to interact constructively in their milieus.

H1026 Philosophy and Contemporary Thought

Course in which it's recommended to incorporate the reflection on ethical dilemmas.

Prerequisites: None.

Equivalences: None.

Course objective:

Upon completion of this course, students will be able to comprehend contemporary philosophical knowledge in order to gain entrance to the debate about current ideas, and to develop critical thinking skills and competencies of an ethical, aesthetic, and epistemological nature which will allow students to generate multidisciplinary interpretations of the current reality from a perspective of cultural diversity.

H2002 Ethics, Profession and Citizenship

Course in which it's recommended to incorporate the reflection on ethical dilemmas.

Prerequisites: (H1018)

Equivalences: PR1029

Creaditable: OR95803, OR97803, OR99803, OR00803, OR1002, NI2014

Course objective:

Students will reflect on their personal and social responsibility in their careers, as well as on their commitment to contributing to the formation of a fairer and more sustainable society.

H2008 Citizens Development and Social Compromise

Course with project.

Prerequisites: (H1017 and H1018 or H1018 Corequisite) or (H1040 and H1018 or H1018 Corequisite)

Equivalences: None.

Course objective:

Course oriented to develop analytical skills, reflection and proactivity, to increase the student's capacity to understand the relationship between society and scientific and technological progress, in order to make that knowledge the groundwork for her actions and decisions in personal, profesional and civic matters, towards the building of a sustainable human society.

HI95805 Academic English

Prerequisites: None.

Equivalences: None.

Course objective:

The overall goal of this course is to contribute to the student's personal development as an agent of change in an international environment by increasing his or her language skills in English to the advanced level, as well as developing thinking and learning skills, and attitudes and values in accordance with the mission of the Tecnológico de Monterrey.

HI95810 Advanced English C

Prerequisites: None.

Equivalences: None.

General Objective: By the end of the course the students should be able to develop the ability to write academic essays for an English-speaking academic audience based on the knowledge of the structure and forms of supporting and defending a point of view against possible objections.

HI1001 Advanced Academic English

Prerequisites: None.

Equivalences: None.

Course objective:

The overall goal of this course is to contribute to the student's personal development as an agent of change in an international environment by increasing his or her language skills in English to the advanced level, as well as developing thinking and learning skills, and attitudes and values in accordance with the mission of the Tecnológico de Monterrey.

IN3015 Integrated Manufacturing Systems

Course that incorporates the innovation, the creativity and the entrepreneurship.

Course in which it's recommended to incorporate the use of information technologies.

Prerequisites: (M2018 or M2024)

Equivalences: IN00884, IN90502, IN95884

Course objective:

Upon completion of this course, students will know about some of the technologies and equipment that can be found in an integrated manufacturing system. This will allow students to select, improve, and integrate them in the most effective manner possible within automated production processes.

IQ2000 Energy Balance

Prerequisites: (IQ1001 and MA1004 or IQ1001 or MA2010 or MA2010 Corequisite)

Equivalences: IQ00843

Course objective:

That students be able to: Propose and solve energy balances for processes which involve temperature and phase changes. Apply the concepts of heat of reaction, heat of mixing, vapor-liquid equilibrium, and humidity and saturation at energy balance. Apply simultaneous mass and energy balances to the analysis of complex chemical processes. Analyze transient state processes from the point of view of mass and energy balances.

M2011 Product Development Process

Prerequisites: None.

Equivalences: None.

Course objective:

Analyze and understand the competition, participation, and responsibilities involved in new product development, as well as the related disciplines, such as marketing, design, and manufacturing, using an integrated approach based on methodologies that facilitate problem solving and decision-making to satisfy the market. Understand the new technologies regarding a product's lifecycle.

M1002 Computer Drawing

Prerequisites: (M1003 Corequisite or M1003)

Equivalences: M 00831, M1006, PV1017

Course objective:

Develop in students the skill required to represent graphically in 3D the components and assemblies of a mechanical system, generating the documentation needed for its manufacture and taking into account the three dimensions of sustainable development.

M2016 Thermodynamics Engineering

Prerequisites: (IQ2001)

Equivalences: M 00003

Course objective:

Upon completion of this course, students will be able to analyze thermal machines and refrigerators, and to make proposals in order to improve these types of systems. Students will also be able to analyze air conditioning systems and diagnose combustion systems.

M2017 Design Methodologies

Course with project.

Course that incorporates the innovation, the creativity and the entrepreneurship.

Course in which it's recommended to incorporate the reflection on ethical dilemmas.

Course in which it's recommended to incorporate the dimensions of the sustainable development.

Prerequisites: (M2015 Corequisite or M2015 or M2030)

Equivalences: M 00843

Course objective:

On completing the course the student will have acquired the knowledge and developed the skills, competencies and attitudes necessary to follow in a structured and collaborative fashion a set of methods that, from the perspectives of engineering, ethical responsibility and the environment, integrate design, manufacture and marketing functions for the development of innovative and competitive products.

M2021 Fluid Mechanics

Prerequisites: (MA2001 or MA2010)

Equivalences: M 00855

Course objective:

Upon completion of this course, students will be able to design and propose experiments which test hypotheses about problems related to science and engineering.

MA1016 Mathematics I

Prerequisites: (MA1001)

Equivalences: MA1002, MA1003, MA1007, MA1012, MA1015

Course objective: Upon completion of this course the student will be able to: recognize, analyze and solve real-life problems by using single variable Differential Calculus; he/she will be able to use computer based programs

to solve medium level problems in the business and social science areas by using graphical, numerical and analytical analysis as well as being able to solve optimization problems.

MA1006 Probability and Statistics

Prerequisites: (MA1004 or MA1017)

Equivalences: MA00835

Course objective:

Upon completion of this course, students will comprehend the basic concepts of probability and problem solving with counting techniques, conditional probability, and discrete and continuous random variables and their distributions. Students will analyze a set of experimental data and make inferences from the statistics of the data.

MA2001 Differential Equations

Prerequisites: (MA1004)

Equivalences: MA00841, MA2010

Course objective:

To introduce students to the study of ordinary differential equations and the different methods for solving them; with the goal of developing their ability to model problems in the area of engineering, as well as solving said models and interpreting the solutions obtained.

MR2000 Logic Automatisms

Prerequisites: (TE1000 or TE1002 or TE1012)

Equivalences: MR00033

Course objective:

On completing the course the student will be able to: Analyze, design and evaluate combinational and sequential logic control systems and build them with integrated circuit technologies, programmable logic devices, pneumatic devices, electrical devices and programmable logic controllers complying with operating specifications for process automation.

MR2002 Logic Automatism Laboratory

Prerequisites: (MR2000 Corequisite or MR2000)

Equivalences: MR00034, PV2000

Course objective:

On completing the course the student will be able to apply the theoretical bases of logic systems in the analysis and design of automatisms, as well as carry out their implementation in integrated circuits, programmable logic devices, pneumatic devices, electrical devices and programmable logic controllers (PLCs) for carrying out combinational and sequential logic automatism projects.

MR2010 Embedded Systems

Prerequisites: (MR1001 or MR2000)

Equivalences: None. Creaditable: CS00002

Course objective:

Students will be able to analyze, select, and program microcontrollers and DSPs to design embedded systems.

MR3017 Industrial Robotics

Prerequisites: M2007 or MR2003 or MR2005 and (MR3018 and MR2007) **Equivalences:** None.

Course objective:

Students will be able to program, control, and install industrial robots on production lines in accordance with an optimal task plan.

MT1001 Marketing

Prerequisites: None.

Equivalences: MT00831, MT1003

Course objective:

Knowing the marketing field and its management within the international perspective with aim to elaborate suitable strategies of marketing, within the scope of Mexican market. Knowing the foundations main tools of the marketing: market research, consumer analysis, product planning and development and markets. Determining the optimal mixing of the variables: price, place, promotion and product to include in a plan of marketing. Working in collaborative form with individual responsibility and of group. Assuming an ethical attitude like people of Marketing.

MT2005 Selling and Sales Management

Prerequisites: (MT1001 or MT1003)

Equivalences: None.

Course objective:

The course is designed to train the student to manage a team of salespeople. Study and practice the different sales and negotiation processes, identify sales opportunities, through telemarketing, and encouraging long term relations with consumers.

MT2010 International Marketing

Prerequisites: (MT1001)

Equivalences: MT00873

Course objective:

The objective of this course is that the student will have an international vision and have the fundamentals necessary to investigate and evaluate international markets, develop international marketing plans and elaborate strategies to follow. To achieve this, the following contents are mandatory: cultural, economic, political, legal and competition analysis and entry mode strategies.

NI2006 Doing Business in Mexico

Prerequisites: (Toefl Score 523 at least)

Equivalences: IP2012, IP96071

Course objective:

History and political environment of Mexico: from the formative period to present time. Cultural patterns and business protocol. Mexican economy in the 70s and 80s; under presidents Salinas, Zedillo and Fox. Structure and use of a Business Plan. General principles under Federal Labor Law, Mexican labor unions. Management styles, working behavior and attitudes. Foreign companies and foreign investment in Mexico. The maquiladoras industry. Infrastructure in communications and transportation. Mexico's trade agreements.

NI2001 International Negotiations

Prerequisites: (NI2002)

Equivalences: AD2001, NI00871, NI3035

Course objective:

In the ever-changing environment of global business, firms start and grow by virtue of successful negotiations about deals and contracts between the parties involved. In business, such relationships may break down because of ineffective negotiating behavior. Such breakdowns may also happen because of misunderstandings and wrong perceptions of the other party's positions and interests. In this course, students will learn multinational business negotiating skills and strategies that help them avoid such relationship breakdowns. Specifically, students will acquire knowledge about the concepts, processes, strategies, and ethical issues related to negotiation as well as appropriate conduct in multicultural business contexts.

NI2002 Enterprises and Business in the World

Prerequisites: (EC1002)

Equivalences: NI00851, NI1001

Course objective:

At the end of the course the student should be able to distinguish different kinds of enterprises which participate in global business, choose the best markets for different companies' activities and analyze the influence the international organizations have in international business as well as the principal factors which affect global business.

NI3010 International Strategic Management

Prerequisites: (NI3009)

Equivalences: NI00892

Course objective:

Upon completion of this course, students will understand the development and strategic administration of international companies, making use of the diverse available resources in the global setting for the construction and enhancement of the organization's fundamental competencies. Main course contents are: strategic planning for international companies, the development and structuring of international companies, planning and control systems for multinational companies, organizational performance and its measurement, the role of

information technology, technology transfer management, strategic alliances between international companies, social responsibility of multinational companies, and business ethics in international arena.

NI3012 Competivity and Geoeconomics

Prerequisites: (EC2006 and NI2002)

Equivalences: NI00882, NI2017

Course objective:

This course will allow students to learn and practice theories and models concerning the analysis of the competitor. Students will learn the basis of competitive advantages as an individual, organization, industry, market and nation. The course will allow students to use the knowledge they obtain to make right decisions and develop effective strategies leading towards gaining a sustainable competitive edge in the global business environment.

NI3013 Foreign Investment and Country and Political

Prerequisites: (NI3012 and D2018 and FZ3005)

Equivalences: None.

Course objective:

At the end of the course, students will recognize foreing direct investment actions performed by companies. The student will be able to execute an analysis of investment to verify the economic, political, social, cultural and sustainable development viability to enter a foreign market. The student will knowlege different models to measure the risk of investing in foreing markets. And also will recognize the main elements of international business moral and ethics, and relevant topics about sustainable development.

NI3015 International Logistics II

Prerequisites: (NI3014)

Equivalences: NI2019

Course objective:

The aim of this course is to help students to understand the logistics activities existing in the international environment and the importance of international competitiveness through lower costs achieved by optimizing logistical concepts. Students will be able, among other things, to use software models and probability and projection techniques to solve decision-making issues on material requirements, inventories, and demand estimation by using state-of-the-art Company Resource Planning systems in an international context.

PD5007 Entrepreneurship Development

Prerequisites: None.

Equivalences: PD6001, PD95600, PD96610, PH6008

Course objective:

At the end the course, the student will be able to conceive, plan and implement innovative ideas with an economical impact and based on their personal objectives and the proper identification of the needs of their community. All this so that students appreciate and value the relevance of entrepreneurship within their personal and professional education.

PH4020 Society, Economics and Politics in Mexico Today**Prerequisites:** (PH3008 or PH3016)**Equivalences:** BH6002, PH6014**Course objective:**

Once the course is finished the student will be able to analyze and evaluate the political, economic and social challenges of his country. He will be able to actively participate as a citizen in the challenges of his community. For that what is fundamentally considered is the study of the main important political, economic, social and cultural events that have changed the country during the 20th and 21st century; the main economic and national development politics applied by the different post-revolutionary governments; the evolution of the political, social, cultural and economic structure during the 20th and 21st century; the present situation in Mexico taking into account richness and inequality, regional disequilibrium, cultural , gender and racial differences.

PR2239 Citizenry and the New Europe**Prerequisites:** None.**Equivalences:** VA00801, VA00802, VA00803, VA00804**Course objective:**

When finalizing this course the student will understand the citizenship in the European and Czech tradition.

RI1005 Geopolitics**Prerequisites:** (RI1004 and P1002)**Equivalences:** RI2031**Course objective:**

Upon completion of this course, students will be able to perceive, analyze, and interpret the events, processes and phenomena of the global political scenario from a particular geopolitical and geostrategic perspective. The course focuses on emphasizing the causes of international conflicts, their development and the possible solutions. Students will obtain clear, precise information on the distribution and exploitation of natural resources and their relation to the use of force to dominate the zones that possess them.

RI2006 International Relations Theories I**Prerequisites:** (RI1005 and H1026)**Equivalences:** RI00831, RI00832, RI2032, RI95831, RI99831**Course objective:**

Upon completion of this course, students will be able to identify the principal schools of thought that have influenced international events and also read in a critical manner the specialized literature on this field.

RI2008 North American Regional Scenario**Prerequisites:** None.**Equivalences:** PR2274, RI00881, RI95881, RI99881

Course objective:

Upon completion of this course, students will be able to investigate, analyze, and critically evaluate the political, economic, and social aspects of foreign policy in North America.

RI3003 Economic Globalization

Prerequisites: (EC2018)

Equivalences: None. Creaditable: RI99103

Course objective:

Upon completion of this course, students will be able to examine the origin and evolution of globalization; the evolution of poverty and inequality, and the merging of winners and losers during the globalization process; the impact of globalization as a trend and as a result of express actions and policies; the role of organizations, initiatives, and multilateral agreements in fomenting an inclusive globalization.

RI2018 Study of islamists movements lin Middle East focused on conflict resolution

Prerequisites: None.

Equivalences: None.

Course objective

- At the end of the course, the students will have learned more about the evolution and characteristics of the historical development of each of these Movements, and their sponsor's networks, political strategies, ideologies and social services in their particular contexts. Students will be able to identify the different steps given by UN in its peacekeeping operations as military and humanitarian as political and social stages. One more aspect to consider is that students will take the UN role and act as peacekeepers.
- Students are expected to be situated, faced and questioned about real facts occurred in the daily life of that geopolitical zone, taking into account the different cultures, religions, and political and military conflicts by acting as International Organization members ready to intervene as peace makers.

Students are also expected to examine the competing claims of international humanitarian law and international human rights law as the legal framework for peacekeeping operations.

RI2005 History of North America

Prerequisites: None.

Equivalences: RI00872, RI95872, RI99872

Course objective:

Familiarize students with the historical processes that led to the definition of the political and social protagonists existing in the North American regional setting.

TA3011 Engineering of Emerging Food Processes

Prerequisites: (TA3007)

Equivalences: None.

Course objective:

Students will be able to: 1. Analyze food industrialization processes and identify opportunities to apply emerging processing technologies. 2. Consider the food matrix factors that are critical for the harmlessness, quality, and nutritional value of the food to be processed. 3. Select the process parameters of the emerging technology or technologies to be implemented. 4. Design tests to verify and assess processes that include emerging food processing technologies.

TA3004 Food Packaging

Course that incorporates the innovation, the creativity and the entrepreneurship.

Course in which it's recommended to incorporate the dimensions of the sustainable development.

Prerequisites: (Q2000 or Q2001 or TA2000 or TA2005 or IQ1001)

Equivalences: None.

Course objective:

Upon completion of this course, students will be able to: Select and design a container according to the particular needs of the food product, its process of industrialization and conservation, and its expected shelf life during commercialization.

TA3007 Food Engineering II

Prerequisites: (TA2005)

Equivalences: IQ00858

Course objective:

Students will be able to: 1. Learn about and apply the operational and design principles of the unitary operations most commonly used in the food processing industry. 2. Analyze the operations on the basis of mass transfer and solid-liquid, liquid-liquid, liquid-vapor, solid-vapor phenomena. 3. Explain the fundamental concepts and the design bases of membrane separation systems.

TA3009 Dairy Products

Prerequisites: (Q2001 or TA2000 or BT2003 or TA2005 or IQ1001)

Equivalences: TA00862

Course objective:

Students will be expected to: 1. Understand the chemical, physical, and nutritional properties of milk. 2. Understand and assess the systems for obtaining and handling milk. 3. Analyze and evaluate formulations, unitary operations, milk and milk byproduct manufacturing processes and, considering regulations. 4. Apply the use of biotechnology to dairy product fermentation processes. 5. Recognize the new product development trends in order to propose alternatives, considering the social, financial, and nutritional aspects. 6. Integrate quality assurance and effluent management programs into industrial transformation processes. 7. Design process lines for dairy product production plants.

TC2010 Computer and Information Security

Prerequisites: (TC2002 and TC2008)

Equivalences: None.

Course objective:

Students completing the course will acquire a general overview of the computer security arena and the basic skills needed to understand the risks, menaces and vulnerabilities threatening contemporary computer systems, together with current protection controls and methods to counteract them and guarantee an adequate level of availability required in a modern enterprise. An introductory coverage of the current state of national and international computer security laws and legislature will also be included.

TE2005 Electromagnetic Fields

Prerequisites: (MA2001 and MA2002 or MA2010 and MA2009)

Equivalences: E 00853

Course objective:

Upon completion of this course, students will be able to represent electromagnetic phenomena with a rigorous mathematic language (vector analysis), distinguishing between electrostatic, magnetostatic, and dynamic field cases.

TE3036 Wireless Communications

Prerequisites: (TE3007 and TE3032)

Equivalences: None.

Course objective:

Upon completion of this course, students will be able to identify the most important functions of the physical layer of a wireless communication system, applying knowledge of electromagnetic propagation inherent to the various radio frequency bands. Students will also develop empirical and statistical models of the wireless channel in order to characterize its effects on signals, thus designing systems which counteract said effects, utilizing advanced modulation schemes. Students will be able to apply this knowledge in the design of equalizers and antenna distribution systems.

TI1012 Business Information Technology

Course in which it's recommended to incorporate the use of information technologies.

Prerequisites: (TC1001)

Equivalences: TI1000

Course objective:

The student will recognize the impact of information technology as a support tool for decision making in organizations. The student might be able to organize data through data base systems. He will also simulate different scenarios, build comparative tables and graphs and learn how to forecast in Excel, apart from using data analysis tools . He will also use internet to detect opportunities.

TI2000 Information Technology Management

Prerequisites: (TI1000)

Equivalences: None.

Course objective:

Students will be able to identify opportunities for improving business processes and strengthening their optimum performance, thus generating value for both the organization and the community.

*All courses are subject to change. *Some of the course codes may have changed. Please ask for the code that corresponds to the class you wish to take. Please confirm with the Academic Advisor while applying. vmartinz@itesm.mx

Contact Information

If you want to see online course descriptions, please visit the ITESM website:

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