



ACTUARIAL SCIENCES
APPLIED
MATHEMATICS
ECONOMICS
MECHATRONICS
ENGINEERING
POLITICAL SCIENCE
COMPUTER ENGINEERING
FINANCIAL STRATEGY
INDUSTRIAL
ENGINEERING
TELECOMMUNICATIONS
ADMINISTRATIVE
BUSINESS
AND FINANCIAL

ITAM

ENGINEERING
TELECOMMUNICATIONS
ADMINISTRATIVE
BUSINESS
AND FINANCIAL

THE BEST EDUCATION

The tools that will guide you on your way

An actuary is a professional who employs their mathematical and statistical skills in order to define, analyze, and solve statistical, social, and financial problems. ITAM's undergraduate program in Actuarial Science offers a comprehensive quantitative program including Insurance, Stochastic Processes, Probability and Statistics, Actuarial Models, Finance, Financial Econometrics, and Applied Statistics to Actuarial Science. Your education will be complemented with courses in General Studies, Economics, Finance, Business Administration, and Computer Science, providing you with the tools to solve complex and real-life problems from a multidisciplinary perspective.

As a student at ITAM, you will develop skills that will make you stand out from the rest and allow you to become a highly sought out professional not only in the public or private sectors, but also in education and research.

Upon completing the undergraduate program in Actuarial Science, you will obtain skills allowing you

- To solve real-life problems from new and original perspectives, allowing you to stand out from other professionals.
- To produce and interpret statistics in order to determine the probability of accidents, illnesses, disabilities, deaths or the probability of damage to property caused by unfortunate events, e.g. fires, hurricanes, earthquakes, etc.
- To develop yourself as a financier, that is, an investment expert who can achieve high profitability with the lowest fluctuation.
- To apply your knowledge of insurance systems and workers' compensation programs e.g. pension and health plans, which can be complementary to benefits received from social security.
- To serve as an enterprise risk manager.

The curriculum of the undergraduate program in Actuarial Science is flexible so that according to your preferences and to the demands of the industry, you can choose from the sixth semester one of the following specialization areas:

- Insurance and Pensions
- Statistics
- Financial Risks

These specialization areas imply dedicated courses in these topics; nevertheless, all of them fulfill the requirements of the International Actuarial Association, thereby, providing you with international standards.

Thanks to the high quality education of our program, you will become a highly sought after professional not only in the public or private sectors, but also in education and research.

If you wish, you also have the option to pursue two undergraduate programs concurrently, thereby obtaining two professional degrees by only studying a few extra semesters. Furthermore, you also have the opportunity to take some courses abroad thanks to ITAM's Exchange Program, which has 120 agreements with the world's best universities.

EXCELLENCE

The professors that will guide you in your career path

ITAM's professors hold PhD degrees from the world's best universities. Therefore, they will be sharing with you their own ideas and opinions as well as teaching you the most current topics of their discipline.

ITAM has an excellent faculty in the Academic Department of Actuarial Science. Half of the professors hold PhD degrees and are recognized by the Society of Actuaries, while the other half has master degrees and vast expertise in the industry.

The size of our institution allows you to receive personal attention from our full-time faculty, who are fully available to help you in your studies.

EXPERIENCE

Resources offered by ITAM

Our university offers the services and facilities to optimize your personal and academic development.

Student Life

Reflecting our institutional values, ITAM supports serious and committed student publications and activities.

Financial Aid

ITAM is committed to providing a vast program of academic scholarships and grants, complemented by a loan program. Find the best option for you at www.becas.itam.mx



Library

You will have access to a comfortable and modern library providing the necessary bibliographical support to accomplish your work: millions of journal articles, newspapers and books from online sources, access to the most important academic databases, course textbooks, and a collection of approximately 400,000 printed materials, among other services. www.biblioteca.itam.mx

Technology

You will have the necessary technological infrastructure to better accomplish your studies: Internet, Wi-Fi, computer rooms, and access to the world's best information systems.

Social Commitment

ITAM is fully aware of its commitment to society and as such it is an active participant in community help programs. www.compromiso.itam.mx

Our community also supports our stellar students so that they can finish their studies. www.donar.itam.mx

Sports

ITAM organizes and promotes sport events by consulting and providing training in the various sports that our students desire to participate in. You will have at your disposal the following sport facilities: indoor soccer, basketball and volleyball courts, a gym with weightlifting and cardio equipment, showers, lockers, as well as a multi-purpose room where aerobics, dance, and yoga classes are held. ITAM has indoor soccer, football, rugby, and basketball teams. www.deportes.itam.mx



ACHIEVEMENT

The fulfillment of your professional goals

ITAM has a job placement office assisting graduates and students in their last semesters to effectively venture into the job market in their fields. Approximately 60% of the students have a job before completing their degree and 33% find a job in the first six months after completing their degree.

Currently, approximately 60% of ITAM graduates hold high level management positions in their companies or institutions.

The job market for actuaries is vast and growing. Our graduates have had professional success in the following:

- Insurance and reinsurance companies, insurance and reinsurance brokers, consulting offices in insurance and actuarial auditing.
- Consulting firms focusing on worker's compensation plans.
- Companies that produce statistical studies of market research, surveys, as well as those that support their decisions with statistical inference.
- Financial companies, i.e. banks, leasing companies, mortgage lenders, brokerage houses and investment funds.
- Social security institutions and AFORES.
- Businesses focusing on solvency and stability in their role as risk managers.
- Businesses or institutions dealing with uncertainty and risk with a focus on forecasts and estimates.



TAKE THE FIRST STEP TODAY

Contact the Director of the Undergraduate Program in
Actuarial Sciences

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