



IFAGE

INSTITUT INTERAFRICAIN
DE FORMATION EN ASSURANCE
ET EN GESTION DES ENTREPRISES



INTER-AFRICAN INSTITUTE OF TRAINING IN INSURANCE BUSINESS MANAGEMENT AND WEST AFRICAN INSURANCE INSTITUTE

MASTERS IN ACTUARIAL SCIENCES

IFAGE and WALL are pleased to present this **unique** Master's degree program in Actuarial Sciences.

Our vision is for the actuarial profession to be recognized in the ECOWAS region as a major player in the decision-making process within the financial services industry, social protection, financial inclusion, and risk management, thus contributing to the well-being of society. Actuarial advice to businesses, policy decision-makers, and supervisors can provide critical insight on future risks by quantifying financial impacts and enhancing business decision-making processes.

KEY ATTRACTIONS

- **First bilingual Actuarial Sciences Program in Africa**
- **Learn from well-qualified Actuaries of the highest calibre and lecturers with high quality PhD in related subjects such as mathematics, physics and economics drawn from various countries, universities and actuarial associations**
- **Students are equipped to sit for the professional examinations of the Society of Actuaries, (SOA), USA. Institute & Faculty of Actuaries (IFoA), UK, Casualty Actuarial Society (CAS), USA during the program**
- **Contribute to the integration in the ECOWAS region and beyond: Anglophone participants undergo specialised French language training during the course of the program and vice versa for the Francophone students**



This innovative program allows students to become experts in Finance, Actuarial & Risk Management. Students will be well-trained in statistical methods, financial & actuarial mathematics, applied economics, finance and information technology. Students are also exposed to the tools of risk management, data, economics, accounting and tax laws of the various jurisdictions.

DEGREE AWARDED

Master degree in actuarial sciences



PREREQUISITES

Minimum bachelor degree in mathematics, actuarial sciences, economy or econometrics



The program will build up the actuarial capacity in the following areas throughout the 2 years:

- Conventional and inclusive insurance product design and pricing including profitability
- Valuation of liabilities
- Evaluating the solvency and capital requirements
- Asset-Liability management
- Evaluation and implementation of risk management policy
- Contribution to financial inclusion
- Role-specific preparation for Actuarial Function, Risk Management Function, and Appointed Actuary tasks
- Guidance for the preparation of the Financial Condition Report (FCR) and Own Risk and Solvency Assignment (ORSA)

FUTURE EMPLOYMENT PROSPECTS FOR GRADUATES

- Employment as actuarial graduates and future actuaries in insurance companies, banks, audit firms, pension, and social security schemes, FinTech/InsurTech companies, insurance supervisory roles, central banks, etc.
- Self-employment as an actuarial expert or FinTech/InsurTech founder

ADVANTAGES

- Course delivery: 50% in english and 50% in french
- Multi-cultural study environment: students drawn from within and outside ECOWAS
- Accompanying internships
- Preparation for the examinations to become Associates and then Fellows of internationally recognized actuarial associations
- Annual on-site seminars in WAll
- Opportunities of program exchange to ESILV in Paris, France, and Anahuac Mexico

AREAS OF WORK

THE PRINCIPAL AREAS OF WORK FOR ACTUARIAL GRADUATES, ACTUARIAL STUDENTS, ASSOCIATES, AND FELLOWS OF INTERNATIONALLY RECOGNISED ACTUARIAL ASSOCIATIONS ARE AS FOLLOWS:

- Life assurance companies
- Non-life insurance companies
- Reinsurance companies
- Pension Funds
- Social Security Schemes
- Banks, Micro-Finance Institutions
- Finance and investment companies
- Audit firms
- Consultancies
- FinTech/InsurTech companies
- Public, Supranational Institutions, Development Agencies, NGOs
- Supervisors and Central Banks



ADMISSION REQUIREMENTS

PREREQUISITES

- Minimum bachelor degree in mathematics, actuarial sciences, economy or econometrics
- Pass a selection interview

DOCUMENTS REQUIRED

- 2 passport size photos
- 1 certified and valid copy of a national identity card
- 1 certified copy of the degree certificates
- 1 certified copy of transcript for the last 3 years
- At least one professional reference letter
- A cover letter and curriculum vitae



Anáhuac
México

ESILV
ENGINEERING SCHOOL
DE VINCO FINANCE