

CUMPLIMIENTO DEL PLAN DE ESTUDIOS ACTUARIAL EN EL PLAN DE ESTUDIOS DE LICENCIATURA EN ACTUARIA DE LA UNIVERSIDAD NACIONAL		1er. Semestre		2o. Semestre		3er. Semestre		4o. Semestre		5o. Semestre		6o. Semestre		7o. Semestre		8o. Semestre	
OBJETIVO DE LA GUÍA	BIT INTERNATIONAL ACTUARIAL ASSOCIATION (revisado octubre 2017)	ALGEBRA LINEAL	CÁLCULO DIFERENCIAL	LOGICA LINEAL	INFORMÁTICA PROGRAMACION Y MANEJO DE DATOS Y HOJAS DE CÁLCULO	ANÁLISIS DE COMUNICACIÓN ORAL Y ESCRITA	ESTADÍSTICA INFERENCIAL ACTUARIAL	CÁLCULO MULTIVARIABLE	PROBABILIDAD	PROBABILIDAD Y ESTADÍSTICA INFERENCIAL	RECURSOS	ANÁLISIS DE DATOS	ANÁLISIS DE DATOS	PROBABILIDAD	PROBABILIDAD	PROBABILIDAD	PROBABILIDAD
1. STATISTICS	Aim: To enable students to apply the core actuarial techniques to practical applications in insurance, pensions and emerging areas of financial practice.																
2. ECONOMICS	Aim: To enable students to apply the core principles of microeconomics, macroeconomics and financial economics to actuarial work.																
3. FINANCE	Aim: To enable students to apply the core principles of financial theory, accounting, corporate finance and financial mathematics to actuarial work.																
4. FINANCIAL SYSTEMS	Aim: To enable students to understand the financial environment in which they will practice and develop an awareness of traditional and emerging financial practice.																
5. ASSETS	Aim: To enable students to apply asset valuation techniques and investment theory to actuarial work.																
6. DATA AND SYSTEMS	Aim: To enable students to apply concepts from statistics and data science to actuarial work, in particular with applications to predictive modelling and other areas of actuarial practice, including health, insurance, benefits, healthcare and investment.																
7. ACTUARIAL SCIENCE	Aim: To enable students to apply actuarial processes and techniques to actuarial work, in particular with applications to long term insurance, social security, pension benefits, health and other areas of actuarial practice.																
8. ACTUARIAL MANAGEMENT	Aim: To enable students to apply core aspects of individual risk management and enterprise risk management to the analysis of risk and to recommend appropriate solutions.																
9. PERSONAL AND ACTUARIAL PRACTICE	Aim: To enable students to apply their technical knowledge and skills in an effective, practical and professional manner.																

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