

## Master of Science in Insurance

Total number of credit is 36

Core Courses (24)	Dissertation Track	Independent Study Track	
	Dissertation (12)	Electives (9)	Master Project (3)
<b>Required courses (15)</b>			
2603612 Actuarial Models I		2601512 Financial Accounting	
2603644 Regression and Time Series Models		2603613 Actuarial Models II	
2603663 Probability and Statistics in Actuarial Science		2603614 Employee Benefit Plans	
2603674 Theory of Interest		2603643 Special Topics in Insurance	
2603704 Asset and Liability Management in Insurance		2603655 Information Technology for Statistical Operations	
<b>Concentration required courses (9)</b>		2603667 Pension Mathematics	
<b>Life Actuarial Mathematics Concentration</b>		2603668 Insurance Planning	
2603664 Credibility Theory and Loss Distributions		2603670 Risk Management	
2603681 Life Actuarial Mathematics I		2603675 Survival Models	
2603682 Life Actuarial Mathematics II		2603679 Life and Health Insurance	
<b>Casualty Actuarial Mathematics Concentration</b>		2603680 Property and Liability Insurance	
2603664 Credibility Theory and Loss Distributions		2603701 Health Insurance Pricing	
2603677 Casualty Actuarial Mathematics I		2603708 Risk Analysis for Insurance Business	
2603678 Casualty Actuarial Mathematics II		2603709 Insurance Seminar	
<b>Risk Management Concentration</b>		2603710 Research Methods in Insurance	
2603703 Operational Risk Management		2604502 Foundation of Financial Management	
2603705 Alternative Risk Transfer and Insurance Risk Securitization		2604644 Investment Analysis	
2603706 Enterprise Risk Management		2605501 Marketing Management	