

Bachelor of Science in Statistics

Minimum total number of credits is 142

General Education (36)	Specialization (103)		Free Elective (6)
	Core courses (55)	Major courses (48)	
Choose any course outside CBS from General Education courses for the first 4 groups: 1. Social Science 2. Humanities 3. Science and Mathematics 4. Interdisciplinary 5. Foreign Language 5500111 Experiential English I 5500112 Experiential English II 5500215 Basic Business English Writing 5500225 Business Correspondence 5500313 Business English Oral Communication 5500315 Advanced Business Oral Communication 5500415 Effective Business Communication	2301101 Calculus I 2301102 Calculus II 2301203 Calculus III 2301333 Linear Algebra 2601115 Financial Accounting 2601255 Managerial Accounting 2603172 Information Technology 2603213 Principles of Statistics 2603244 General Principles of Insurance 2603270 Programming Concepts 2603278 Information Visualization 2603312 Statistical Theory I 2603313 Statistical Theory II 2603317 Statistical Analysis I 2603318 Statistical Analysis II 2603321 Sampling and Survey Research Design 2603376 Knowledge Discovery and Data Mining	Required courses (33)	Electives (15)
		2301366 Numerical Analysis 2603319 Statistical Analysis for Decision Making 2603370 Database and Applications in Business 2603418 Seminar in Statistical Applications in Business 2603430 Time - Series Analysis 2603431 Operations Research 2603432 Statistical Simulation and Computation 2603433 Categorical Data Analysis 2603434 Introduction to Multivariate Analysis 2603436 Designs of Experiment 2603499 Senior Project in Statistics	Choose any 15 credits from • the following Major Electives; or • 300 or upper 3-credit courses within school Major Electives 2301312 Differential Equations 2602121 Introduction to Business 2602313 Management and Organization 2602344 Production/Operations Management 2603320 Introduction to Stochastic Processes 2603335 Mathematics for Finance 2603347 Fundamental risk Management 2603350 Introduction to Survival Analysis 2603383 Information System For Business 2603435 Quality Control 2603437 Bayesian Analysis 2603441 Actuarial Science Life Insurance 2603495 Topics in Mathematical Statistics 2604271 Business Economics 2604332 Principle of Investment 2604361 Business Finance 2900111 Economics I 2900112 Economics II 3401234 Introduction to Business Law