

## Bachelor of Science in Information Technology for Business

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:  <b>1. Social Science</b> <b>2. Humanities</b> <b>3. Science and Mathematics</b> <b>4. Interdisciplinary</b> <b>5. Foreign Language</b> 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	<b>Required courses (33)</b>	<b>Electives (15)</b>
		2603276 Web Programming 2603387 Database System and Database Management Systems 2603279 Object-Oriented Programming 2603373 Information System Analysis 2603374 Information System Design 2603383 Information System For Business 2603386 Data Structure 2603388 Information Technology Infrastructure 2603468 Computer and Network Security 2603469 Enterprise Resource Planning Software Implementation 2603496 Senior Project in Information Technology for Business	Choose any 15 credits from • the following Major Electives; or • 300 or upper 3-credit courses within school  <b>Major Electives</b> 2601207 Accounting Procedures and Control 2601363 Principles and Techniques for Internal Auditing 2602121 Introduction to Business 2603275 Java Programming 2603389 Data Warehouse and Business Intelligence System 2603472 Object Oriented Analysis and Design 2603476 Computer Audit  2603483 Software Engineering 2603484 Computing Architecture  2603485 Electronic Business Development 2603486 Information System Project Management 2603487 Introduction to Human-Computer Interaction 2603491 Database Programming 2603493 Special Topics in Computer