

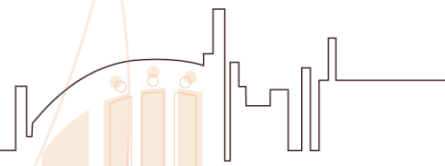
**Bachelor of Science in Management Information Systems**

**Degree Plan**

**Freshmen Year**

First year, 1 <sup>st</sup> Semester (Freshman), Level 1					
Course Code	Course Title	Lec	Lab	Credit	Pre-req
CS 120	Programming I	2	3	3	-
BUS 101	Principles of Management	3	0	3	-
MIS 101	Computer Applications	2	2	3	-
MATH 113	Math for Management I	3	0	3	-
ENGL 117	English Composition I	3	0	3	-
GS 171	Belief and its Consequences	2	0	2	-
<b>Total: 6</b>		15	5	17	

First year, 2 <sup>nd</sup> Semester (Freshman), Level 2					
Course Code	Course Title	Lec	Lab	Credit	Pre-req
MIS 102	Principles of MIS	3	0	3	-
MATH 114	Math for Management II	3	0	3	MATH 113
ENGL 118	English Composition II	3	0	3	ENGL 117
ACCT 121	Introduction to Financial Accounting I	2	3	3	MATH 113
GS 132	Physical Education II (Male)	0/1	2/1	1	-
GS 142	Health Education II (Female)				
BUS 151	Microeconomics	3	0	3	-
GS 161	Arabic Practical Grammar	2	0	2	-
<b>Total: 7</b>		16/17	5/4	18	



Sophomore Year

Second year, 1 <sup>st</sup> Semester (Sophomore), Level 3					
Course Code	Course Title	Lec	Lab	Credit	Pre-req
<b>MATH 117</b>	Statistical Methods for Management I	2	3	3	MATH 113
<b>BUS 152</b>	Macroeconomics	3	0	3	BUS 151
<b>CS 231</b>	Programming II	3	3	4	CS 120
<b>MIS 202</b>	Business System Analysis & Design I	3	0	3	MIS 102
<b>ACCT 222</b>	Introduction to Financial Accounting II	2	3	3	ACCT 121
<b>GS 272</b>	Professional Ethics	2	0	2	GS 171
<b>Total: 6</b>		15	9	18	

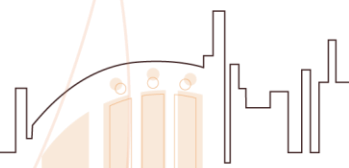
Second year, 2 <sup>nd</sup> Semester (Sophomore), Level 4					
Course Code	Course Title	Lec	Lab	Credit	Pre-req
<b>MATH 118</b>	Statistical Methods for Management II	2	3	3	MATH 117
<b>HRM 112</b>	Human Resource Management	3	0	3	BUS 101
<b>BUS 231</b>	Principles of Marketing	3	0	3	BUS 101 BUS152
<b>BUS 223</b>	Financial Management	3	0	3	BUS 152 , ACCT 222
<b>MIS 221</b>	Fundamentals of E-Commerce	2	2	3	MIS 102
<b>MIS 204</b>	Business Data Management	2	2	3	MIS 101
<b>Total: 6</b>		15	7	18	



Junior Year

Third year, 1 <sup>st</sup> Semester (Junior), Level 5					
Course Code	Course Title	Lec	Lab	Credit	Pre-req
GS 262	Arabic Professional Writing	2	0	2	<b>GS 161</b>
GS 373	Human Rights in Islam	2	0	2	<b>GS 272</b>
BUS 261	Business Communication	3	0	3	<b>ENGL 118</b>
BUS 241	Operations Management	3	0	3	<b>MATH 117</b>
MIS 224	Information Systems Security	3	0	3	<b>MIS 102</b>
MIS 344	IS Project Management	3	0	3	<b>BUS 223, MIS 202</b>
MIS 304	Business System Analysis & Design II	3	0	3	<b>MIS 202</b>
<b>Total: 7</b>		19	0	19	

Third year, 2 <sup>nd</sup> Semester (Junior), Level 6					
Course Code	Course Title	Lec	Lab	Credit	Pre-req
<b>CS 415</b>	Computer Communication	3	0	3	-
<b>BUS 305</b>	Legal Environment	3	0	3	-
<b>MIS 305</b>	Intelligent Support Systems in Business	2	2	3	MIS 204
<b>BUS 313</b>	Organizational Behavior & Design	3	0	3	BUS 101
<b>BUS 321</b>	Business Research Methods	3	0	3	BUS 101, MATH 118
<b>MIS XXX CS XXX HRM XXX</b>	Elective I	3	0	3	CS XXX MIS XXX HRM XXX
<b>Total: 6</b>		17	2	18	



Senior Year

Fourth year, 1 <sup>st</sup> Semester (Senior), Level 7					
Course Code	Course Title	Lec	Lab	Credit	Pre-req
GS 363	Arabic Communication Skills	2	0	2	GS 262
MIS 451	Capstone Project	3	0	3	MIS 304, CS 231
MIS 409	Information Resources Management	3	0	3	MIS 304 CS 415
MIS 420	Enterprise Resource Planning	2	2	3	MIS 204
BUS 411	Strategic Management	3	0	3	BUS 223 BUS 231
MIS XXX CS XXX HRM XXX	Elective II	3	0	3	CS XXX MIS XXX HRM XXX
<b>Total: 6</b>		16	2	17	

Fourth year, 2 <sup>nd</sup> Semester (Senior), Level 8					
Course Code	Course Title	Lec	Lab	Credit	Pre-req
MIS 491† MIS 495‡	Field Training Senior Project	0	40	6	Senior Standing
<b>Total: 1</b>		0	40	6	

† Field Training should be the first destination of students

‡ Students who encounter obstacles to be placed in a workplace are directed to do a senior project instead

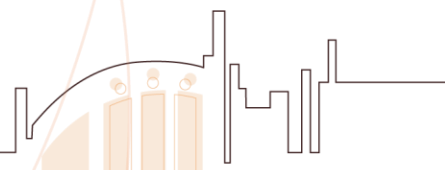


### Elective Courses

Elective Courses					
Course Code	Course Title	Lec	Lab	Credit	Pre-req
<b>MIS 414</b>	Knowledge Management	3	0	3	BUS 101 MIS 102
<b>CS 464</b>	Human Computer Interaction	3	1	3	CS 231
<b>HRM 212</b>	Human Resources Information Systems	3	0	3	MIS 102 HRM 112
<b>MIS 416</b>	Information Technology in Society	3	0	3	BUS 101 MIS 102
<b>MIS 422</b>	Selected Topics in MIS	3	0	3	MIS 344
<b>CS 362</b>	Web Engineering and Development	2	3	3	CS 231

†Students will choose any 2 courses from the list of electives

**Total credit hours required in the Degree Program: 131**



## Course Description

## College Requirements

<b>ENGL 117 English Composition I (3-0-3)</b>	<b>Prerequisite: None</b>
This course will help students to write essays in different styles which will allow them to understand how texts are constructed. Furthermore, students will learn how to organize structure their work starting/ from sentence level to paragraph level, and to the essay level. It will further introduce students to summarizing, paraphrasing and quoting.	
<b>ENGL 118 English Composition II (3-0-3)</b>	<b>Prerequisite: ENGL 117</b>
This course complements English Composition I by introducing freshmen students to concepts and techniques necessary for writing a research paper. These include collection and evaluation of sources, note taking, and interpretation of data, synthesis, and documentation.	
<b>GS 132 Physical Education II (0-2-1)</b>	<b>Prerequisite: None</b>
This practical course aims at maintaining students' fitness through developing practical skills in a number of sports including volleyball, swimming, and table tennis.	
<b>GS 142 Health Education II (1-1-1)</b>	<b>Prerequisite: None</b>
The course introduces female students with the human body's major systems focusing on diseases and illnesses most pertinent to women and resulting in their mortality and disability. The course provides female students with basic training for dealing with non-life-threatening and life-threatening emergencies at home, at work, in the family and elsewhere, and in their roles as mothers, wives, and colleagues. This includes First Aids, and Cardio Pulmonary Resistance (CPR) , Types of Infection, community common diseases including hypertension, diabetes, osteoporosis, and breast cancer.	
<b>GS 161 Arabic Practical Grammar (2-0-2)</b>	<b>Prerequisite: None</b>
This course introduces the students to parts of Arabic grammar, verbs, the five verbs, nouns that are subject to desinential inflection with letters, derivatives, abrogative, indeclinable, numbers, hamzah, in a practical way with numerous applications.	
<b>GS 262 Arabic Professional Writing (2-0-2)</b>	<b>Prerequisite: GS 161</b>
This course focuses on sources and forms of objective writing, objective essays, reporting, Resume, administrative messages, summary and minutes of the meeting.	
<b>GS 363 Arabic Communication Skills (2-0-2)</b>	<b>Prerequisite: GS 262</b>



This course aims to develop the students' skills of effective language, oral communication through conversational techniques, persuasion, influence, debating, and interview.

**GS 171 Belief and its Consequences (2-0-2)**

**Prerequisite: None**

This course introduces the students to the roots of the right faith, special characteristics of Islamic faith, Islamic description of the universe, human beings and life, reasons for increasing the faith.

**GS 272 Professional Ethics (2-0-2)**

**Prerequisite: GS 171**

The course focuses on the importance of ethics in Islam, the integration of worship and aspects of professional life, suitability criteria for employment in Islam, standards for professional behavior, Employees' interaction with others, Application of Islam to professional violations, Saudi Laws and professional behavior.

**GS 373 Human Rights in Islam (2-0-2)**

**Prerequisite: GS 272**

The course discusses the dignity of mankind and basic human rights. It also elaborates on the Islamic viewpoint of human rights. Its distinguishing characteristics and debates related to this issue.

**MIS 491 Field Training (0-40-6)**

**Prerequisite: Senior Standing**

A continuous period of full semester is spent in a selected work place relating to the field of study. This field internship is intended to provide students with an opportunity to use the knowledge and skills learned in college in an actual work setting. It is intended to be both practical and educational. A final report will be required at the end of the internship.

**MIS 495 Senior Project (0-40-6)**

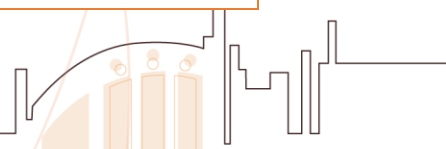
**Prerequisite: Senior Standing**

Students who encounter obstacles to be placed in a workplace are directed to do a senior project instead. Each student develops and carries out a project relevant to professional goals. The project generally involves background study or research, planning, implementation, evaluation, and preparation of a written report. A departmental Senior Project Committee must approve all project proposals and this same committee will receive regular oral and written progress reports. Final results are presented as a paper in a style suitable for publication in a professional journal as well as an oral report in a public symposium. To foster the principle of teamwork, students may be allowed to form small groups to execute the projects jointly. Students meet weekly to discuss their projects and the research experience. The project should be viewed as the culmination of the student's degree program.

**BUS 261 Business Communication (3-0-3)**

**Prerequisite: ENGL118**

Principles, techniques, and skills needed to conduct scientific, technical, or business writing. Forms and styles of communication in and among business organizations, business letters, and library research projects and use of business periodicals. Preparation and presentation of oral reports will be covered. Instruction in the



writing of reports, letters, and other exercises applicable to a wide range of disciplines and careers. Emphasis on clarity, conciseness, and accuracy of expression. Research techniques, information design, effective use of graphics. Eventually students will produce a properly formatted report, complete with outline and supporting graphic aids.

## Mathematics and Sciences

### MATH 113 Math for Management I (3-0-3)

Prerequisite: None

This course is designed to introduce the mathematics of management. Topics include: Linear equations and inequalities, Systems of linear equations, Fundamental concepts of matrices, Topics in the Mathematics of finance such as simple interest, compound interest and annuities, Introduction to linear programming, Counting techniques, Permutations and combinations.

### MATH 114 Math for Management II (3-0-3)

Prerequisite: MATH 113

This is a basic differential and integral calculus course designed to fulfill the needs of management sciences. Topics include: The derivative, Rules for differentiation, Derivative of logarithmic and exponential functions, Differentials, elasticity and demand, Growth and decay models, Definite and indefinite integrals, Techniques of Integration, Integrals involving logarithmic and exponential functions, Integration by tables, Area under a curve and between curves, Functions of several variables, Partial derivatives and their applications to optimization.

### MATH 117 Statistical Methods for Management I (2-3-3)

Prerequisite: MATH 113

This is the first course designed to introduce the student to statistical methods for data analysis and managerial decision making. Topics include: data summaries and descriptive studies. Frequency tables; histogram; measures of central tendency and dispersion; correlations as a descriptive measure; probability theory; sampling; probability descriptions; estimation and confidence intervals; applications for managerial decisions.

### MATH 118 Statistical Methods for Management II (2-3-3)

Prerequisite: MATH 117

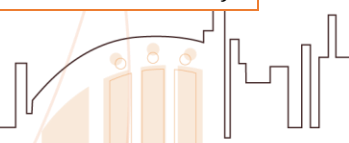
This is the second course designed to introduce the student to statistical methods for data analysis and managerial decision-making. Topics include: Hypothesis testing for means, proportions and variances, index numbers and time series, correlation analysis, simple and multiple linear regression, the chi-squared and F distributions and their applications.





## Computer Science

<b>CS 120 Programming I (2-3-3)</b>	<b>Prerequisite: None</b>
<p>Overview of computers and computing. Introduction to a typical programming language, such as Java Basic data types and operators. Basic object-oriented concepts. Console input/output. Logical expressions and control structures. Arrays and strings.</p> <p>Lab work (Closed Lab)</p> <p>Programming assignments to exercise the use of the various features of the object oriented programming taught in the course.</p>	
<b>CS 231 Programming II (3-3-4)</b>	<b>Prerequisite: CS 120</b>
<p>Advanced programming concepts. Simple graphical user interfaces. Basic data structures. File I/O. Searching and sorting techniques. Survey of computer science areas. Case studies and practice in developing small scale programs.</p> <p>Lab work (Closed Lab)</p> <p>Programming assignments to practice different problem solving strategies, with emphasis on sound object-oriented basis. File I/O Operations. Solving basic problems using static and dynamic data structures. Solving various searching and sorting algorithms using iterative approach.</p>	
<b>CS 415 Computer Communications(3-0-3)</b>	<b>Prerequisite: None</b>
<p>A clear and comprehensive study of computer communications including data communications, data communication networking, and computer communications architecture; Emphasizing both the fundamental principles as well as the critical role of performance in driving protocol and network design; explores in detail all the critical technical areas in data communications, wide-area networking, local area networking, and protocol design. It also provides updated coverage of multimedia, WiFi/IEEE 802.11 wireless LANs, and more.</p>	
<b>CS 362 Web Engineering and Development (2-3-3)</b>	<b>Prerequisite: CS 231</b>
<p>Examining a systematic, disciplined and quantifiable approaches to developing high-quality, reliable and usable web applications; introduces the methodologies, techniques and tools that support their design, development, evolution, and evaluation. Topics covered include requirements engineering for Web applications, design methods and technologies, interface design, usability of web applications, accessibility,</p>	



testing, metrics, operation and maintenance of Web applications. Specific technologies covered in this course include client-side (HTML5, JavaScript, and CSS) and server-side applications (Perl or PHP).

📌 Lab Work (Closed Lab)

Programming assignments to practice different problem solving of usability, maintainability, quality and reliability; many resources and tools that will be utilized such Perl Reference Guide, a full language and function reference for the PHP server-side scripting language, A well-written and easy-to-follow tutorial on the basic aspects of using a UNIX-based system., Core JavaScript 1.5 Reference, JavaScript Tutorial and Examples, the W3C's accessibility guidelines. Introduction to UML 2 Class Diagrams, and the Expressive Power of UML-Based Web Engineering.

**CS 464 Human Computer Interaction (3-1-3)**

**Prerequisite: CS 231**

Fundamentals and principles of human computer interaction. Implementing a usable interface design. Measure usability, analyze and evaluate human computer interaction systems.

**Business**

**BUS 101 Principles of Management (3-0-3)**

**Prerequisite: None**

The basic principles and practices of management in all kinds of enterprise. Such functions as planning, organizing, directing, and controlling are given particular attention. The problems of developing countries including Saudi Arabia are given emphasis.

**BUS 151 Microeconomics (3-0-3)**

**Prerequisite: None**

The definition of the economic problems and market systems. Demand and consumer behavior, supply, production and costs. Price determination and equilibrium of the firm under different market structures. Pricing factors of production. Public goods and externalities.

**BUS 152 Macroeconomics (3-0-3)**

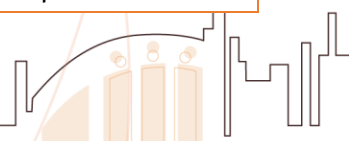
**Prerequisite: BUS 151**

An introduction to macroeconomic analysis. National income accounting and determination. Business cycles, inflation and unemployment, fiscal policy, money, banking, and monetary policy, economic growth and development, international trade and finance.

**BUS 231 Principles of Marketing (3-0-3)**

**Prerequisites: BUS 101, BUS152**

The basic principles of marketing are introduced. Material covered includes marketing's role in society and the firm, marketing concept, market segmentation and target marketing, market measurement, and the elements of the marketing mix, including product planning, physical distribution, promotion,



Personal selling, mass selling, and price setting. Leverages, financial forecasting and planning, capital budgeting techniques.

**BUS 223 Financial Management (3-0-3)**

**Prerequisites: BUS 152, ACCT 222**

An introductory course which presents basic theories, concepts, and analytical techniques in financial management. Topics covered in the course include evaluation of financial goals and objectives. Overview of financial markets and institutions; financial statements and cash flows; time value of money; ratio analysis; working capital management; short-term financing operating and financial.

**BUS 241 Operations Management (3-0-3)**

**Prerequisite: MATH 117**

Production systems; capacity and facility location problems; layout planning; forecasting; production scheduling and control; inventory and quality control.

**BUS 313 Organizational Behavior and Design (3-0-3)**

**Prerequisite: BUS 101**

Define concepts of and trace history of organizations and organization behavior; Distinguish between concepts of social perception and social identity; Define personality and explain how emotions and moods influence and their role in the study of organization behavior; Describe the components of attitudes; Define group and effectiveness of teams; Identify ways of cooperation and causes of conflicts, source of influence and power; Define organization culture, politics and its characteristics.

**BUS 321 Business Research Methods (3-0-3)**

**Prerequisite: BUS 101, MATH 118**

This course aims to provide students with a firm knowledge of business research. It focuses on the analysis of business problems and the use of scientific social research methods as a problem-solving tool. This includes understanding and utilizing suitable research designs, methods, and approaches, as well as research tools for data collection, analyses, report writing and presentation.

**BUS 411 Strategic Management (3-0-3)**

**Prerequisite: BUS 223, BUS 231**

Case study policy-making from a general management point of view. Emphasis is on problem analysis, the decision-making process, administration and control, and continuous reappraisal of policies and objectives. Saudi business cases and computer simulations are used.

**BUS 305 Legal Environment (3-0-3)**

**Prerequisite: None**

Basic legal concepts and laws of Saudi Arabia covering business transactions. Special emphasis on legal proceedings of actual cases. The nature of the external legal system and how it relates to Saudi Arabia.

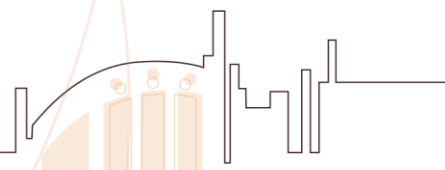


## HRM

<b>HRM 112 Human Resource Management (3-0-3)</b>	<b>Prerequisite: BUS 101</b>
Principles of human resource management. The roles of, and techniques employed by, personnel management and line management in staffing, organizing, motivating, and developing the work-force, labor markets, wages, and salary systems.	
<b>HRM 212 Human Resources Information Systems (3-0-3)</b>	<b>Prerequisite: MIS 102, HRM 112</b>
This course focuses on factors associated with the analysis, design and implementation of human resource information systems (HRIS). It covers issues in needs analysis, user requirements, system selection and exposure to HRIS software that students are likely to encounter in a typical business organization. It also includes a study of the relationship between technology and organizational structures and processes as well as change management issues associated with HRIS implementation and the development of HRIS for strategic purposes.	

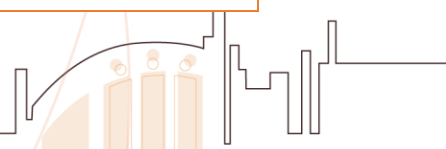
## ACCT

<b>ACCT 121 Introduction to Financial Accounting I (2-3-3)</b>	<b>Prerequisites: MATH 113</b>
Accounting principles and techniques underlying the preparation of the income statement and balance sheet of a business enterprise. An overview of international financial reporting standards as they relate to the recognition of revenues and expenses. Practices concerning internal control, fraud and cash control. Utilization of basic accounting software packages.	
<b>ACCT 222 Introduction to Financial Accounting II (2-3-3)</b>	<b>Prerequisite: ACCT 121</b>
Accounting principles for assets and liabilities recognition and disposal. Technique underlying the financial statements of partnership and corporations. Accountings for stocks and dividends. Accountings for bond issues. Statements of cash flows. Utilization of basic accounting software packages.	



MIS

<b>MIS 101 Computer Applications (2-2-3)</b>	<b>Prerequisite: none</b>
Introduction to computer components. Hands-on exposure to PC-based applications including word processing, spreadsheet, statistics, introduction to database, electronic mail, business graphics, and introduction to internet.	
<b>MIS 102 Principles of MIS (3-0-3)</b>	<b>Prerequisite: none</b>
A survey of MIS concepts. Information systems for operational, tactical and strategic management in the various functions of an organization. Overview of end-user computing.	
<b>MIS 202 Business Systems Analysis &amp; Design I (3-0-3)</b>	<b>Prerequisite: MIS 102</b>
Introduction to system development life cycle. Topics cover project management and system analysis activities, such as system requirements, information-gathering techniques, use cases, data modeling, approaches to system development, project risk and feasibility, work breakdown structure and Gantt chart. Students practice analysis activities through team project and real cases using a combination of tools and techniques.	
<b>MIS 221 Fundamentals of E-Commerce (2-2-3)</b>	<b>Prerequisite: MIS 102</b>
This course introduces the fundamental concepts of electronic commerce, its components and some of the e-commerce popular applications. It covers various e-commerce models such as E-Marketplaces, B2B E-Commerce, Innovative EC Systems, and Retailing in Electronic Commerce. Various issues associated with e-commerce security, privacy, intellectual property rights, with web 2.0 tools, online Consumer Behaviors theories, and their role and significance in shaping the industry will be explored. Lab: Practical knowledge in the major web development technologies and languages such as HTML, CSS, JavaScript and PHP.	
<b>MIS 304 Business Systems Analysis &amp; Design II (3-0-3)</b>	<b>Prerequisite: MIS 202</b>
This course complements (MIS 202 Business Systems Analysis and Design I). It focuses on the design and implementation phases of the SDLC. Topics include; designing the environment, designing the user and system interfaces, designing the software, designing the database, designing the security and system controls, and the latest trends in systems development.	
<b>MIS 204 Business Data Management(2-2-3)</b>	<b>Prerequisite: MIS 101</b>
Database versus file processing environments, Data resource management, Database support for various levels of management. Relational Database model. Conceptual data modeling. Logical database design. Integrity and security.	



Lab: Database language SQL, Data and Database administration, Case studies in DBMS development and implementation using MS ACCESS or ORACLE client versions.

**MIS 224 Information Systems Security (3-0-3)**

**Prerequisite: MIS 102**

A thorough and comprehensive study of information security. Topics covered: Business Continuity Planning (BCP) and Disaster Recovery Planning (DRP), Law, Investigations, and Ethics, Physical Security, Operations Security, Access Control Systems and Methodology, Access Controls, privacy issues, security policy and procedures. Students will be familiar with the design and implementation of security solutions that will reduce the risk of revenue loss and vulnerability.

**MIS 344 Information Systems Project Management (3-0-3)**

**Prerequisite: BUS 223, MIS 202**

This course focuses on information systems development projects using Project management fundamentals and strategies. The topics include: Project Management Body of Knowledge, human aspect of project management, Project Management processes, methods, techniques, tools, and implementation issues. The course introduces systematic methodology for initiating, planning, executing, controlling, and closing projects in team based environment.

**MIS 305 Intelligent Support Systems in Business (2-2-3)**

**Prerequisites: MIS 204**

This course provides an over view of Decision Support Systems, Business Intelligent, Analytics, and their role and application in today's turbulence business environment.

The topics include the Foundations and Technologies for Decision Making, various decision modeling and analytics techniques, Business Intelligence tools and applications, Business Reporting, Visual Analytics, as well as an introduction to Knowledge Management and Collaborative Systems.

Lab: provides an overview of the common DSS modeling techniques using spreadsheets and BI tools such as what-if analysis, data table, and dashboards.

**MIS 451 Capstone Project (3-0-3)**

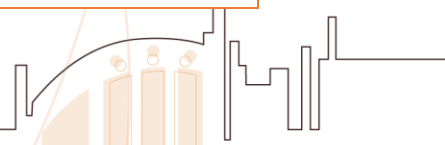
**Prerequisite: MIS 304, CS231**

Students will be assigned a project using their acquired knowledge and skills related to system analysis and design, project management, databases, programming and networks to solve real business cases.

**MIS 420 Enterprise Resource Planning (2-2-3)**

**Prerequisite: MIS 204**

This course introduces students to the main ideas and fundamental technologies underlying the development, implementation and use of integrated enterprise information systems. Students will have a practical exposure of how various business processes are integrated in a single enterprise wide system such as SAP ERP, Oracle E-Business Suite, etc.



<p><b>MIS 414 Knowledge Management (3-0-3)</b></p>	<p><b>Prerequisite: BUS 101, MIS 102</b></p>
<p>An introduction to the ways in which organizations create, identify, capture, process, and distribute knowledge. Topics include knowledge generation and coordination, knowledge markets, knowledge transfer and skills, and knowledge management principles. Discussion also covers new organizations and intellectual capital; the integration of human resources, training and development, information systems and security, and business units to implement knowledge management strategies; and new roles and responsibilities for knowledge workers.</p>	
<p><b>MIS 416 Information Technology in Society (3-0-3)</b></p>	<p><b>Prerequisite: BUS 101, MIS 102</b></p>
<p>Focus on familiarizing students with the impacts of information technology on organizations, individuals, society and quality of life, social and ethical considerations including security, privacy, and freedom. Students are exposed to IT issues related to legislative responsibilities, IT laws, computer crimes, intellectual property rights, software standards, data protection, health risks, and ergonomics.</p>	
<p><b>MIS 409 Information Resources Management (3-0-3)</b></p>	<p><b>Prerequisites: MIS 304, CS 415</b></p>
<p>Theories and practices in the management of organizational information systems resources. Topics include strategic information system uses and planning, designing the IT architecture, managing corporate information, managing IT operations, and managing issues in system development.</p>	
<p><b>MIS 422 Selected Topics in MIS(3-0-3)</b></p>	<p><b>Prerequisite: MIS 344</b></p>
<p>The topics of this course will be selected by the instructor from the contemporary issues in MIS. Real cases and recent research papers will be discussed.</p>	

