# **Program Educational Objectives:**

At graduation, Information Systems graduates are expected to:

- Work as integral part of the information field, connecting people with information using technology.
- Advance in their careers through knowledge of computer information systems, communication skills, and understanding of business and contemporary technological issues.
- 3. Contribute to the economic growth and the welfare of the Saudi society through the development and management of information systems for business and research.



#### **Students Outcomes:**

The program enables students to achieve, by the time of graduation:

- (a) An ability to apply knowledge of computing and mathematics appropriate to the discipline.
- (b) An ability to analyze a problem, and identify and define the computing requirements appropriate to its solution.
- (c) An ability to design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs.
- (d) An ability to function effectively on teams to accomplish a common goal.
- (e) An understanding of professional, ethical, legal, security and social issues and responsibilities.
- (f) An ability to communicate effectively with a range of audiences.
- (g) An ability to analyze the local and global impact of computing on individuals, organizations, and society.
- (h) Recognition of the need for and an ability to engage in continuing professional development.
- (i) An ability to use current techniques, skills, and tools necessary for computing practice.
- (j) An understanding of processes that support the delivery and management of information systems within a specific application environment.



#### For more information, please visit our website:

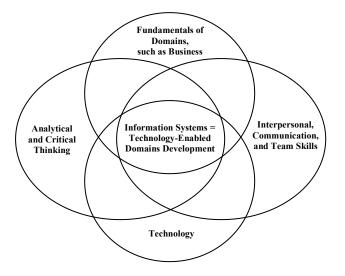
http://computing.kau.edu.sa

#### What is Information Systems?



Information is the critical ingredient for the operation and management of any organization. **Information Systems (IS)** is a coordinated collection of information subsystems that are rationally integrated

to collect, store, process, retrieve, disseminate, and communicate information for the support of operations, management, and decision-making functions in business and other organizations. The objective of (IS) is to enhance productivity by improving the efficiency and effectiveness of business processes.



The field of information systems is unique in that it blends organizational and managerial concerns with the study of information technologies. The (IS) program is designed to provide students with:

- The technical background required to be able to function credibly in business and industry, and
- Organizational and managerial skills necessary to plan for and manage organizational information systems and to advance into leadership positions, particularly within the IS functional area of the firm.



#### KINGDOM OF SAUDI ARABIA Ministry of Higher Education

KING ABDUALZIZ UNIVERSITY

Faculty of Computing and Information Technology

# DEPARTMENT OF INFORMATION SYSTEMS

GAIN THE KNOWLEDG



CONTRO

#### **VISION:**



To be recognized as the pre-eminent Information Systems Department in the region, known for its scientific and practical innovations and commitment in delivering high-quality education and market-responsive researches and services.

#### **MISSION:**



To provide students with superior, cuttingedge educational experiences and essential practical skills required to excel in all areas related to Information Systems.

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# Course of Study:

140 credits are required to graduate, including 41 credits of general education. In addition, students are required to select 9 credits in major elective courses.

REQUIREMENT TYPE	CREDIT
University requirements	26
Applied Science requirements	15
Faculty requirements	24
Faculty electives	9
Department requirements	75
Department electives	9
Total Hours	140

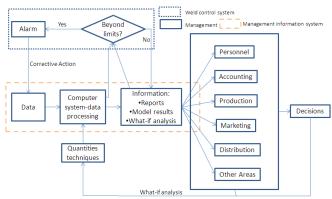


# Tracks (Fields):

The Department of Information Systems offers Bachelor Degree in five tracks (minors) which can be finished within five academic years:

#### 1- Decision Support System (DSS):

It is a computer-based information system that supports business or organizational decision-making activities.



Job Opportunities: Systems Analyst, Senior Accountant Growth Potential, Management Analyst, Programmer Analyst, Project Analyst, Decision Support Analyst, Application Developer and Information Management Consultant.

#### "I.S. graduates have the opportunity to be a leader manager "

"I.S. gives you the ability to help other majors"

Graduates are granted letters certifying that they are majoring in a specific track provided they have completed minimum 9 credit hours in that track. In case the graduate has not completed the minimum 9 credits in any track, she/he will graduate without being granted such letters.

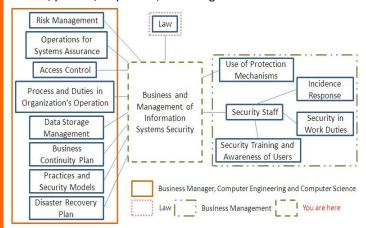
#### 2- E-Systems Development (ESD):

Computerizing various systems in efficient and effective ways in order to improve the performance.



# 3- Information Systems Security (ISS):

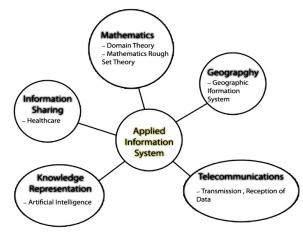
It is protecting information and information systems from unauthorized access, use, disclosure, disruption, modification, perusal, inspection, recording or destruction.



<u>Job Opportunities:</u> Information Security Administrator, Information Systems Security Management, Security Analyst.

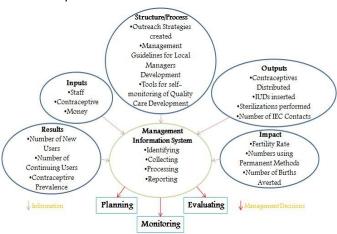
# 4- Applied Information Systems (AIS):

Solve problems in other majors or fields.



# 5- Management Information System (MIS):

It provides information needed to manage organizations effectively.



<u>Job Opportunities:</u> Management Analyst, Business Systems Analyst, Logistics Management Specialist, Account Executive Recruiter, Sales Finance Customer Service, and Sales Account Executive.