

YEDITEPE UNIVERSITY
MANAGEMENT INFORMATION SYSTEMS
BOLOGNA INFORMATION PACKAGE

General Description

The discipline of management information systems is an area that analyzes effective methods for solving problems in business and management areas, follows and applies innovations, integrates manpower with technology using the rapidly developing information systems. Enterprises can improve productivity, efficiency and compete in a rapidly growing market by developing creative solutions that use technology. This will provide a vast variety of career opportunities.

Nowadays, the need for administrators who are familiar with information systems has grown, since enterprises need to obtain the correct information on time and use it to achieve strategic targets. In order to educate administrators who can follow developments in Informatics and Management, provide enterprises competitive advantage in global markets and use their initiatives creatively and effectively, two separate departments will be in service because of the interdisciplinary nature of the subject that includes both natural sciences and social sciences.

The objective of department offers up-to-date and theoretical knowledge to its students, providing them the opportunity to practice the theories they learn, training creative individuals with solid research and problem solving talents with a practical and analytical attitude of mind.

History

MIS Department was founded in 2008 and released graduates since 2012.

Qualification Awarded

The Bachelor's Degree in Management Information Systems is awarded to the graduates who have successfully completed all of the courses in the curriculum.

Level of Qualification

First Cycle

Specific Admission Requirements

The general requirements explained in "General Admission Requirements" of Information on the Institution part are applied for admission of students.

Specific Arrangements For Recognition of Prior Learning (Formal, Non-Formal and Informal)

The rules and regulations for recognition of formal prior learning are well defined. Transfer can be made among the institutions of which equivalency is recognized by Higher Education Council. Also successful vocational school graduates to continue their education to obtain Bachelor's degrees if they are successful in the selection and the placement examination (DGS, i.e. vertical transfer examination) are admitted. The courses to be taken by these students are determined by the relevant department, on the basis of courses they have completed in the programs from which they have graduated. Recognition of prior non-formal and in-formal learning is at the beginning stage in Turkish Higher Education Institutions. Yeditepe University and hence of the Department is not an exception to this.

Qualification Requirements and Regulations

Students must obtain a grade point average of at least 2.00 out of 4.00 and successfully pass all courses on the programme (equivalent to a total of 240 ECTS).

Profile of The Programme

The priority of this undergraduate programme is to train midlevel managers that are specialized in information technologies and the current developments. An MIS graduate plays a critical role in communicating and transforming business issues and requirements into well defined information systems to be implemented. In addition to designing such system, they can play a leading role managing implementation teams.

Occupational Profiles of Graduates With Examples

MIS graduates can work as midlevel managers, business analysts, system analysts, data analysts, data miners, support people for ERP software, business intelligence workers and project managers in companies from various industries, basically IT services, financial services and all the other sectors that use IT systems.

Access to Further Studies

The graduates holding Bachelor's Degree are eligible to apply to Master's Degree programmes at national level and /or international level both in the same and in related disciplines.

Examination Regulations, Assessment and Grading

Students are required to take a mid-term examination and/or complete other assigned projects/homework during the semester and, additionally, are required to take a final examination and/or complete a final project for course evaluation. The assessment for each course is described in detail in "Individual Course Description".

Graduation Requirements

Graduation requirements are explained in the section "Qualification Requirements and Regulations "

Methods Techniq	Characteristics aimed to be developed	Characteristics related to teaching environment
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Mode of Study (Full-Time, Part-Time, E-Learning)

Full-time

Address, Programme Director or Equivalent

Prof. Dr. Avadis Hacinliyan, ahacinliyan@yeditepe.edu.tr

Facilities

The academic staff include one professor, one assistant professor, one instructor and a research assistant. The Faculty of Commerce of which the programme is a department, accommodates five computer labs in its building.

PROGRAMME LEARNING OUTCOMES

Knowledge

1. MIS graduate, has the knowledge to model data, analyze data using statistical methods, to use various query and report generation software, to generate SQL to query data and analyze the results.
2. MIS graduate, knows how to identify the firms' IT needs, define them and design using modern technologies.
3. MIS graduate has the necessary communication and social skills to assume responsibility by herself/himself or to work as an effective team player.
4. MIS graduate, while developing IT solutions for organizations, obeys by the ethical rules of their profession, knows the legislation about the IT matters.

Skills and Capability

5. MIS graduate is qualified to follow the most recent developments in IT and management issues, and learn to apply the new methods and technologies.
6. MIS graduate is qualified to communicate orally and in written with a second foreign language, in addition to Turkish and English, with his/her colleagues, and is able to produce presentations, reports as his/her job requires and can explain new technologies to others.

Competence

7. MIS graduate is qualified to design and develop solutions for company's IT requirements, using extant modeling methods and technologies.
8. MIS graduate is qualified to design and implement pilot projects for end users which would enable them to contribute to IT solutions designed for the company.
9. MIS graduate is qualified to act as an entrepreneur that would develop and implement strategies and business models in Internet and mobile platforms.
10. MIS graduate is qualified to foresee the effects of IT systems and organizations and users, to take precautions for security and privacy, inform the necessary partners, and if possible develop the necessary solutions.

Education Methods and Techniques

The teaching - learning methods and strategies are selected in a way that aims the individual developments of the students and that will increase the skills such as lifelong learning, teaching to others, presentation, creative and critical thinking, cooperative working, effective utilization from the technology.

Lecture	Cognitive characteristics such as listening, interpretation and commenting and proficiencies specific to the affective field such as awareness development and value system formation	Standard classroom technologies, multimedia tools, projector, computer, overhead projector
Question – answer	Cognitive characteristics such as listening, interpretation and commenting and proficiencies specific to the affective field such as awareness development and value system formation	
Discussion	Cognitive characteristics such as listening, interpretation and commenting and proficiencies specific to the affective field such as awareness development and value system formation	Standard classroom technologies, multimedia tools, projector, computer, overhead projector
Simulation	Cognitive characteristics such as listening, interpretation and commenting and proficiencies specific to the affective field such as awareness development and value system formation; psychomotor characteristic such as imitation and skill development.	Real or virtual area for observation
Case study	Cognitive characteristics such as listening, interpretation and commenting and proficiencies specific to the affective field such as awareness development and value system formation; psychomotor characteristic such as imitation and skill development.	
Testing	Cognitive characteristics such as listening, interpretation and commenting and proficiencies specific to the affective field such as awareness development and value system formation; psychomotor characteristic such as imitation and skill development.	
Presentation	Cognitive characteristics such as listening, interpretation and commenting and proficiencies specific to the affective field such as awareness development and value system formation; psychomotor characteristic such as imitation and skill development.	
Homework	Cognitive characteristics such as listening, interpretation and commenting and proficiencies specific to the affective field such as awareness development and value system formation; psychomotor characteristic such as imitation and skill development.	Internet and library databases, e-mails
Project	Cognitive characteristics such as listening, interpretation and commenting and proficiencies specific to the affective field such as awareness development and value system formation; psychomotor characteristic such as imitation and skill development.	Internet and library databases, e-mails, discussion forums
Laboratory	Cognitive characteristics such as listening, interpretation and commenting and proficiencies specific to the affective field such as awareness development and value system formation; psychomotor characteristic such as imitation and skill development.	

Course Category List	ECTS
Support Courses	
Academic Reading ,Writing and Critical Thinking	3
Business Statistics I	6
Business Statistics II	2
Calculus I	6
Calculus II	6
Financial Accounting	6
Introduction to Business and Management	6
Introduction to Economics I	6
Introduction to Economics II	6
Introduction to Law	5
Managerial Accounting	6
Total	58
Basic Vocational Courses	
Networking	6
Ethical and Human Side of Information Technologies	6
Introduction to Computer and Information Processing	6
E-Business	6
ECRM	6
ESCM	6
Advanced Database Applications	6
Advanced Web Design	6
Data Structures and Database Applications	4
Introduction to Graphics Design	5
Introduction to Web Design	5
Management Information Systems	7
Object Oriented Programming	6
Project Management	6
Structural Programming	7
Systems Analysis and Algorithms	5
Visual Programming I	6
Total	115
Expertise Courses	
Data Mining	6
Database Management Systems	6
Decision Support Systems	6
E-Marketing	6
Enterprise Resource Systems	6
Graduation Thesis	6
Internship in MIS	6
Mobile Programming	6
Network Programming	6
Operating Systems I	6
Operating Systems II	6
Scripting Languages	6
Seminar in Business	6
Virtual Reality Technologies	6
Visual Programming II	6
Web Programming	6

Web Programming II	6
Wireless Networks and Mobile Communication Systems	6
Total	144
Human, Communication and Management Skills Courses	
Foreign Languages I	3
Foreign Languages II	3
Foreign Languages III	3
HISTORY OF TURKISH REVOLUTION I/II	4
HUMANITIES I/II	6
TURKISH LANGUAGE AND LITERATURE I/II	4
Total	23
Total of ECTS's of Courses	297