

Management information system (MIS).

The management information system (MIS) program is designed to help students develop both business administration and information technology (IT) skills to produce professions who can handle information technology to meet different business objectives. Students enrolled in the program will focus on the innovation of business-oriented information technology to open new markets and improve business operations by leveraging information systems. They also will learn how to combine knowledge of core business and technology, analyze needs, design user interfaces and develop custom database systems to excel in the future careers and to help businesses run faster and smoother. Graduates of the MIS program can work as system analysts, project managers, applications programmers, consultant, applications designer, and information technology support personnel in both local and multinational corporations.

Level 1

Code	Course title(s)	Lectures	Tutorials	Credits	Pre-requisite(s)
Semester 1					
ECO 101	Introduction to Microeconomics	3	1	3	
MTH106	Mathematics	3	1	3	
MGT 101	Introduction to Management	3	1	3	
IST103	Fundamentals of Information Systems.	2	2	3	
CS101	Introduction to Computer Science	2	2	3	
HM 003	English language 1	2	-	2	
	Total Credits:			17	
Semester 2					
ECO 102	Introduction to Macroeconomics	3	1	3	
ACC 125	Financial Accounting	3	1	3	
CS 102	Introduction to programming and algorithms.	2	2	3	CS101
CS 207	Operating Systems	2	2	3	
STA 104	Statistics for Business 1	3	1	3	MTH106
HM 004	English language 2	2	-	2	HM 003
	Total Credits:			17	

Level 2

Code	Course title(s)	Lectures	Tutorials	Credits	Pre-requisite(s)
Semester 3					
IST 205	Systems Analysis & design 1	2	2	3	CS207
STA 207	Statistics for Business 2.	3	1	3	STA 104
HM 006	Human Rights & Anticorruption.	2	-	2	
ACC 126	Managerial Accounting.	3	1	3	ACC 125
MGT 203	Introduction to Marketing.	3	1	3	MGT 101
CS 204	Object oriented programming.	2	2	3	CS 102
HM 001	Russian language 1.	2	-	2	
	Total Credits:			19	
Semester 4					
ECO 203	Money & Banking.	3	1	3	ECO 101 ECO 102
BA 201	Introduction to business Analytics.	3	1	3	STA 207
IST 204	Database Systems 1	2	2	3	CS 102
CS 209	Advanced programming language.	2	2	3	CS 204
HM 005	Scientific Thinking.	2	-	2	
MIS 201	Digital Marketing.	3	1	3	MGT 203
HM 002	Russian language 2.	2	-	2	HM 001
	Total Credits:			19	

Level 3

Code	Course title(s)		Lectures	Tutorials	Credits	Pre-requisite(s)	
Semester 5							
MGT 305	Managerial finance & Investment.		3	1	3	MGT 101	ECO 203 ACC 125
MIS 302	Fundamentals of E-commerce.		2	2	3	MGT 203	
IST 306	Database system 2.		2	2	3	IST 204	
MGT 307	Production & Operations Management .		3	1	3	MGT 101	
IST 310	System analysis & design 2		2	2	3	IST 205	
STA 309	Statistical Computing.		3	1	3	CS 102	STA 207
Total Credits:					18		
Semester 6							
MGT 450	Portfolio Management.		3	1	3	MGT 305	
MGT 204	Introduction to Human Resource Management.		3	1	3	MGT101	
MIS 303	Decision making & information systems.		2	2	3	MGT 101	IST 103
IST 311	Web based application		2	2	3	CS102	CS204
Elective 1	BA 302	Marketing analytics	3	1	3	MGT 203	BA 201
	ECO 327	Foreign trade				ECO 101	
	POL 203	International relation					
Elective2	STA 205	Operation Research.	3	1	3	MTH 106	
	MIS 305	Multimedia.				CS204	
Total Credits:					18		

Level 4

Code	Course title(s)	Lectures	Tutorials	Credits	Pre-requisite(s)
Semester 7					
HM 009	Scientific Research Methodology	2	-	2	
IT 303	Networking and Telecommunications	2	2	3	MTH 106 CS 101
IST414	Mobile Applications.	2	2	3	CS102 IST311
MIS 422	Graduation Project 1.	3	-	3	
Elective 3	MGT 355 Creative thinking.	3	1	3	MGT101
	ECO 305 Economics of Public finance.				ACC125 ECO203
	BA 306 Supply chain analytics.				MGT 101 BA 201
Elective 4	CS 310 Software engineering.	2	2	3	CS 204
	MIS 409 Project Management.				MGT 101 IST 103
	MIS 406 Contemporary issues in information technology.				IST103
Total Credits:				17	
Semester 8					
IT 406	Data security	2	2	3	IST204
BA 303	Business Intelligence.	2	2	3	MGT 101 STA 104
MIS 425	Graduation Project 2.	3	-	3	
Elective5	MGT 421 Strategic Management.	3	1	3	MGT 101
	MGT356 Communication Skills.				MGT101
Elective 6	MIS 407 Advanced E-commerce.	2	2	3	MIS 302
	MIS 408 Accounting information systems.				IST103 ACC125
	MIS 304 Financial Information systems.				IST103
Total Credits:				15	