Bachelor Plan

College of Business

Bachelor of Management Information Systems (0-4)

	Course Code	Course Name	Pre-R	Co-R	Credit Hours	Contact Hours	Course Type
Semester 1	BMIS110	Business Computer Applications	N/A	N/A	3	3	CM
	BMGT110	Management Principles	N/A	N/A	3	3	CM
	BACC110	Financial Accounting	N/A	N/A	3	3	CM
	ENGL111	English for Business	N/A	N/A	3	3	UM
	MATH140	Business Mathematics	N/A	N/A	3	3	CM
				Semester Total	***15***	***15***	
Semester 2	BECO191	Principles of Microeconomics	MATH140	N/A	3	3	CM
	BDMC191	Business Communications	ENGL111	N/A	3	3	CM
	BMKT110	Marketing Principles	N/A	ENGL111	3	3	CM
	BFIN110	Financial Management	MATH140	N/A	3	3	CM
		University Elective	N/A	N/A	3	3	UEL
				Semester Total	***15***	***15***	
Semester 3	BECO292	Principles of Macroeconomics	BECO191	N/A	3	3	CM
	STAT201	Statistics for Business	MATH140	N/A	3	3	CM
	BMIS210	Information Technology Infrastructures	MATH140	N/A	3	3	DM
	BMIS213	Data and Information management	BMGT110	N/A	3	3	DM
		University Elective	N/A	N/A	3	3	UEL
				Semester Total	***15***	***15***	
Semester 4	BMIS221	Business processes and Enterprise Systems/Database Design	BMIS213	N/A	3	3	DM
	BMIS222	Intro into Business Programming and Data analytics	MATH140	N/A	3	3	DM
	BMKT270	Business Research	STAT201	N/A	3	3	CM
	BINT253	Operations Management	BMGT110	N/A	3	3	DM
	BMIS211	Management Information System	BMIS110, BMGT110	N/A	3	3	CM
				Semester Total	***15***	***15***	
Sem	BMIS333	The Internet of Things and Business Applications	BMIS210	N/A	3	3	DM

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	BMIS352	Customer Experience Design	BMIS221	N/A	3	3	DM
	BMGT350	Business Law	ENGL111, BDMC191	N/A	3	3	CM
	BMIS323	Data Science for Business Applications	MATH140, STAT201	N/A	3	3	DM
		College Elective	N/A	N/A	3	3	CEL
				Semester Total	***15***	***15***	
Semester 6	BMIS361	E-business	BMIS211	N/A	3	3	CM
	BMIS340	Communicating with Data (CI-M)	BMIS323	N/A	3	3	DM
	BMIS362	Optimization Methods	STAT201, BMIS323	N/A	3	3	DM
	BMIS373	Introduction to Machine Learning	BMIS323	N/A	3	3	DM
		Department Elective	N/A	N/A	3	3	DEL
				Semester Total	***15***	***15***	
Semester 7	BMIS460	Optimization Methods in Business Analytics	BMIS362	N/A	3	3	DM
	BMGT493	Business Ethics	BMGT110	BMGT350	3	3	CM
	BMIS471	Python programming	BMIS222	N/A	3	3	DM
	BMIS492	Internship in Management Information Systems	N/A	BMGT493	3	0	CM
		Department Elective	N/A	N/A	3	3	DEL
				Semester Total	***15***	***12***	
Semester 8	BMIS480	Blockchain Applications and Smart Contracts	BMIS233, BMIS323	N/A	3	3	DM
	BMIS482	Blockchain for Business	BMIS233, BMIS323	N/A	3	3	DM
	BMIS493	MIS Project Management	BMIS211, BMIS361	N/A	3	3	DM
	BMGT411	Strategic management	BMGT493	N/A	3	3	CM
	BMIS491	Graduation Project in Management Information Systems	BMKT270	N/A	3	3	CM
				Semester Total	***15***	***15***	
				Program Total	***120***	***117***	

UM: University Mandatory Course
CM: College Mandatory Course
DM: Department Mandatory Course
UEL: University Elective Course
DEL: Department Elective Course
CEL: College Elective Course

University Electives

University elective courses offered may vary from semester to semester, depending on availability. For the current list of available electives, please contact the Admissions and Registration Department.

College Electives

Applicable for this program only

Code	Course Name	Pre-Requisite	Credit Hours	Contact Hours
BCEL301	Professional Development and Communication Skills	N/A	3	3
BCEL302	Negotiation and conflict management	N/A	3	3
BCEL303	Business Etiquette and Protocol	N/A	3	3
BCEL304	Professional Selling and persuasion	N/A	3	3
BCEL305	Principles of Project Management	N/A	3	3
BCEL306	Sustainability and Social innovation	N/A	3	3

This program permits the selection of 1 college elective course, amounting to 3 credit hours.

Departmental Electives

Code	Course Name	Pre-Requisite	Credit Hours	Contact Hours
BMIS390	IS Applications Development	BMIS362	3	3
BMIS391	Business Analytics	BMIS323	3	3
BMIS392	Artificial intelligence in business	N/A	3	3
BMIS393	Cybersecurity	N/A	3	3
BMIS394	Data Visualization for Business	N/A	3	3
BMIS395	Data Mining for Business	N/A	3	3
BMIS396	Digital Transformation in Business	N/A	3	3
BMKT375	Marketing Analytics	N/A	3	3
BFIN393	Quantitative Approaches to Decision Making	STAT201	3	3
BEVM384	Smart Cities and Touristic Destinations	N/A	3	3

This program permits the selection of 2 departmental elective courses, amounting to 6 credit hours.