

Study Plan

MSc in Decision Sciences (MSDS)

Quantitative Analysis Department
College of Business Administration

• Program Study Plan:

First Level:

#	Course Code	Name	Study Units
1	QUA 501	Business Statistical Analysis	3(3+0)
2	SDE 522	Deterministic Decision Analysis Models	3(3+0)
3	SDE 527	Quantitative Data Manipulation	3(3+0)
Total			9

Second Level:

#	Course Code	Name	Study Units
1	SDE 542	Business Forecasting	3(3+0)
3	SDE 546	Probabilistic Decision Analysis Models	3(3 + 0)
3	-----	Elective course from other Dept.	3(3+0)
Total			9

Third Level:

#	Course Code	Name	Study Units
1	SDE 525	Simulation Modeling and Analysis	3(3+0)
2	BUS 571	Operations Management	3(3+0)
Total			6

Fourth Level:

#	Course Code	Name	Study Units
1	SDE 514	Statistical Models for Business Applications	3(3+0)
2	-----	Elective from the Dept.	3(3+0)
Total			6

Fifth Level:

#	Course Code	Name	Study Units
1	SDE 599	Research Project	3(3+0)
2	-----	Elective course form other Dept.	3(3+0)
Total			6

Sixth Level:

#	Course Code	Name	Study Units
1	SDE 552	Advanced Topics in Decision Sciences	3(3+0)
2	-----	Elective course from the Dept.	3(3+0)
Total			6

Elective Courses from the department

#	Course Code	Name	No. of Study Units	Prerequisite
1	SDE 562	Applied Multivariate Methods	3(3+0)	
2	SDE 571	Multi-Objective Decision Making	3 (3 + 0)	
3	SDE 572	Projects Management	3 (3 + 0)	
4	SDE 598	Game Theory Applications	3 (3 + 0)	

Elective Courses from other departments

#	Course Code	Name	No. of Study Units	Prerequisite
1	ACCT 531	Seminar in Managerial Accounting	3 (3 + 0)	
2	BA 541	Marketing Management	3 (3 + 0)	
3	BA 545	Marketing Research	3 (3 + 0)	
4	BUS 572	Supply Chains Management	3 (3 + 0)	
5	ECON 543	Financial Econometrics	3 (3 + 0)	
6	ECON 503	Management Economics	3 (3 + 0)	
7	FIN 501	Corporate Finance	3 (3 + 0)	ACCT 514
8	MIS 521	Business Intelligence	3 (3 + 0)	