

Master of Science in Business Analytics (MSBA) (3 semesters/90 ECTS)

TABLE 2: COURSE DISTRIBUTION PER SEMESTER

A/A	Course Type	Course Name	Course Code	Periods Per Week	Period Duration	Number of weeks/ Academic semester	Toral Periods / Academic Semester	Number of ECTS
1st SEMESTER (Fall)								
1	Core	Business Understanding in Analytics	MSBA 300	1	4 hrs	13-14	13-14	9
2	Core	Data Processing Framework	MSBA 305	1	4 hrs	13-14	13-14	9
3	Core	Applied Statistics Analysis	MSBA 310	1	4 hrs	13-14	13-14	9
4	Core	Optimization and Simulation	MSBA 320	1	4 hrs	13-14	13-14	9
2nd SEMESTER (Spring)								
1	Core	Predictive Analytics and Machine Learning	MSBA 325	1	4 hrs	13-14	13-14	9
2	Core	Data Visualization and Communication	MSBA 315	1	4 hrs	13-14	13-14	9
3	Elective	Elective 1	-	1	4 hrs	13-14	13-14	9
4	Elective	Elective 2	-	1	4 hrs	13-14	13-14	9

3rd SEMESTER (Summer)

	Elective	Elective 3	-	1	4 hrs	13-14	13-14	9
	Core	Capstone	MSBA 390					9
OR								
	Core	Thesis	MSBA 395					18