

PROGRAM OF STUDY FOR A MASTER OF SCIENCE IN BUSINESS ANALYTICS				
REQUIRED CORE COURSES				
COURSE	Course name	NOTE	ECTS	Grades
	MSBA Bootcamp	Program prerequisite	0	
MSBA 500	Business Understanding in Analytics		9	
MSBA 501	Data Processing Framework	Prerequisite: MSBA Bootcamp	9	
MSBA 502	Applied Statistical Analysis		9	
MSBA 503	Optimization and Simulation		9	
MSBA 601	Data Visualization and Communication		9	
MSBA 602	Predictive Analytics and Machine Learning	Prerequisite: MSBA 502	9	
ELECTIVE COURSES (STUDENTS CHOOSE 3)				
MSBA 504	Text Analytics and Natural Language Processing		9	
MSBA 505	Venture Acceleration Practicum		9	
MSBA 506	Supply Chain Management		9	
MSBA 507	Operations Management	Course cross-listed as ENMG 604 Introduction to Operations and Process Management in the Faculty of Engineering	9	
MSBA 603	Data-Driven Digital Marketing	Prerequisites: MSBA 500, MSBA 501, MSBA 502	9	
MSBA 604	Healthcare Analytics	Prerequisite: MSBA 602	9	
MSBA 605	Forecasting Analytics	Prerequisite: MSBA 502	9	
MSBA 606	Social Media Analytics	Prerequisites: MSBA 501, MSBA 502	9	
MSBA 607	Big Data Processing and Blockchain Technology	Prerequisites: MSBA 501, MSBA 601	9	
CAPSTONE OR THESIS				
Applicative Thesis project (Capstone project)	Capstone: 9 ECTS			
OR				
Research Thesis project	Thesis: 18 ECTS			
TOTAL ECTS			90	