

**PROGRAM OF STUDY FOR A MASTER OF SCIENCE IN BUSINESS ANALYTICS**

**MAJOR REQUIREMENTS**

<b>COURSE</b>	<b>Course name</b>	<b>NOTE</b>	<b>ECTS</b>	<b>Grades</b>
<b>MSBA 500</b>	Business Understanding in Analytics		9	
<b>MSBA 501</b>	Data Processing Framework		9	
<b>MSBA 502</b>	Applied Statistical Analysis		9	
<b>MSBA 503</b>	Optimization and Simulation		9	
<b>MSBA 601</b>	Data Visualization and Communication		9	
<b>MSBA 602</b>	Predictive Analytics and Machine Learning		9	
<b>ELECTIVE COURSES (STUDENTS CHOOSE 3)</b>				
<b>MSBA 603</b>	Data-Driven Digital Marketing		9	
<b>MSBA 604</b>	Healthcare Analytics		9	
<b>MSBA 605</b>	Forecasting Analytics		9	
<b>MSBA 504</b>	Text Analytics and Natural Language Processing		9	
<b>MSBA 606</b>	Social Media Analytics		9	
<b>MSBA 607</b>	Big Data Processing and Blockchain Technology		9	
<b>MSBA 505</b>	Venture Acceleration Practicum		9	
<b>MSBA 506</b>	Supply Chain Management		9	
<b>MSBA 507</b>	Operations Management		9	
<b>UNDERGRADUATE / POSTGRADUATE ASSIGNMENT</b>				
<b>Practical training</b>				
<b>Applicative Thesis project (Capstone project)</b>	<b>Capstone: 9 ECTS</b>			
<b>OR</b>				
<b>Research Thesis project</b>	<b>Thesis: 18 ECTS</b>			
<b>Total Credits:</b>			<b>90 ECTS</b>	