



## BACHELOR OF SCIENCE IN BUSINESS with AI

The Bachelor of Science in Business with AI is a 120-credit STEM designated program that includes traditional business coursework, but also provides an in-depth knowledge and understanding of the application of AI in business. This program is designed for students who are interested in applying AI tools to improve business activities and business models. Students should anticipate the acquisition of skills, knowledge, and professional training that enable them to pursue careers in any company that is implementing AI.

### **First Year**

#### **First Semester**

ACCT 115	Fundamentals of Financial Accounting	3
DS 100	Basic Foundations of Data Science (GER)	3
ENGL 101	English Composition: Writing, Speaking, Thinking I (GER)	3
MATH 135	Calculus for Business (GER) Pre-req: MATH 107 or Placement exam	3
MGMT 190	Introduction to Business	3
FYS SEM	First-year Seminar (required only of First Time First Year Students)	0
Term total credits		15

#### **Second Semester**

DS 110	Basic Foundations of Artificial Intelligence	3
MGMT 116	Quantitative Analysis Applications in Business	4
ECON 266	Macroeconomics	3
ENGL 102	English Composition: Writing, Speaking, Thinking II (GER)	3
MGMT 290	Business Law I	3
Term total credits		16

## Second Year

### First Semester

MIS 245	Introduction to Management Information Systems	3
MGMT 232	Business with Big Data	3
MGMT 216	Business Data Analytics (Pre-req: MGMT 116 or MATH 105)	3
	History and Humanities 200 level (GER)	3
	Natural Science (GER)	3
	Term total credits	15

### Second Semester

FIN 315	Fundamentals of Corporate Finance	3
IS 392	AI Driven Text Analytics	3
MRKT 330	Principles of Marketing (Pre-req: MGMT 190)	3
OM 375	Business Operations Management and Analytics (Pre-req: MGMT 216)	3
	Natural Science with Lab (GER)	4
	Term total credits	16

## Third Year

### First Semester

FIN 320	Financial Data Analytics	3
HRM 301	Organizational Behavior (GER) Pre-req: Junior or Senior standing	3
MIS 385	Database Systems for Managers (Pre-req: DS 110 , MIS 245)	3
MGMT 399	Career Planning	1
PHIL 310	Logic	3
	Free Elective	3
	Term total credits	16

### Second Semester

IS 465	Data Analytics for Business Information Systems	3
MGMT 322	Cybersecurity Essentials for Business Leaders	3
MGMT 316	Business Research Methods (Pre-req: MGMT 216, MIS 245)	3
PHIL 335	Ethical Issues in Business	3
	History and Humanities 300+ level (GER)	3
	Term total credits	15

## Fourth Year

### First Semester

MGMT 435	Business Intelligence with AI Techniques	3
	History and Humanities 300+ level (GER)	3
MGMT 422	Business Data Visualization and Storytelling	3
FIN 410	Data Mining and Machine Learning	3
	Free Elective	3
Term total credits		15

### Second Semester

MGMT 432	AI Strategy and Implementation for Business	3
MGMT 416	Artificial Intelligence for Business	3
	Free Elective	3
	Humanities and Social Sciences Senior Seminar HSS 400+ Level (GER)	3
Term total credits		12

Total curriculum credits 120

