

BUSINESS ANALYTICS (M.S.)

SDGB 7843	Judgment and Decision Making	3
SDGB 7844	Stat Methods and Comp I	3
SDGB 7851	Measurement and Data Visualization	3

Tracks

For students who are not interested in any of the below tracks, another option is to create an optimal mix of electives across the tracks, in consultation with the program director and area chair.

Artificial Intelligence and Deep Learning Track

Courses in this group have the BUAI attribute.

Course	Title	Credits
ISGB 7934	Artificial Intelligence	3
ISGB 799Z	Deep Learning	3
ISGB 79AA	Advanced Python for Financial Programming	3
ISGB 79AE	Robotic Process Automation	3

Business Analytics Track

This track is for students interested in specializing in the analytics and data science aspects of information technology. Courses in this group have the BUBA attribute.

Course	Title	Credits
ISGB 6910	Business Tech & Analytics	3
ISGB 7933	Audit Data Analytics	3
ISGB 7942	Optimization Models in Bus	3
ISGB 7944	Sports Analytics	3
ISGB 7980	Bus Modeling w/Adv Sprdsheets	3
ISGB 7985	Data Warehousing	3
ISGB 799R	IT Audit and Information Assurance	3
ISGB 79AC	Cybersecurity Analytics for Business	3
ISGB 79AD	Digital Forensics	3

Programming for Analytics and Data Science Track

This track is for students who wish to delve deeper into the development of analytics and data science applications. Courses in this group have the BUDS attribute.

Course	Title	Credits
ISGB 7943	Programming with Python	3
ISGB 799V	R Statistical Programming	3
ISGB 799X	Fintech -An Introduction	3
ISGB 799Y	Blockchain Tech & App Dev	3
ISGB 79AA	Advanced Python for Financial Programming	3
ISGB 79AE	Robotic Process Automation	3

Statistical Analytics for Business Track

Courses in this group have the BUSA attribute.

Course	Title	Credits
ISGB 799V	R Statistical Programming	3
SDGB 7840	Applied Regression Analysis	3
SDGB 7841	Statistical Theory I	3
SDGB 7842	Statistical Theory II	3