

GENERAL EDUCATION REQUIREMENTS

<input type="checkbox"/>	IT 101	Information Technology
<input type="checkbox"/>	EXP 1_____	Expository Writing I ¹
<input type="checkbox"/>	EXP 2_____	Expository Writing II ¹
<input type="checkbox"/>	_____	Literature/Cinema/EMS ²
<input type="checkbox"/>	MA 131	Calculus I
<input type="checkbox"/>	MA 139	Calculus II
<input type="checkbox"/>	NASC_____	Natural Science (4cr)
<input type="checkbox"/>	_____	Global Studies: GLS 100, 101, 102, 105 or 116
<input type="checkbox"/>	HI_____	History
<input type="checkbox"/>	PH 101	Problems of Philosophy
<input type="checkbox"/>	PS/SO_____	Behavioral Science
<input type="checkbox"/>	EC 111	Principles of Microeconomics
<input type="checkbox"/>	EC 112	Principles of Macroeconomics
<input type="checkbox"/>	FS 111	First Year Seminar (1cr)

MAJOR REQUIREMENTS³

<input type="checkbox"/>	MA 214	Intermediate Applied Statistics
<input type="checkbox"/>	MA 252	Regression Analysis
<input type="checkbox"/>	CS 230	Introduction to Programming with Python
<input type="checkbox"/>	CS 350	Database Mgmt Systems with a focus on SQL
<input type="checkbox"/>	MA 346	Data Science
<input type="checkbox"/>	MA 347	Data Mining
<input type="checkbox"/>	MA 380	Intro. to Gen. Linear Models & Survival Anal. In Bus.
<input type="checkbox"/>	_____	EC 245 Time Series Analysis or MA 255 Design of Experiments

ELECTIVES⁴

<input type="checkbox"/>	_____	Humanities/Social Science Elective
<input type="checkbox"/>	_____	Arts & Science Elective
<input type="checkbox"/>	_____	Arts & Science Elective
<input type="checkbox"/>	_____	Arts & Science Elective
<input type="checkbox"/>	_____	Arts & Science Elective
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<input type="checkbox"/>	_____	Arts & Science Elective

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BUSINESS STUDIES MINOR^{5,6}

<input type="checkbox"/>	GB 110	Legal and Ethical Environment of Business
<input type="checkbox"/>	GB 112	Tools & Concepts in Accounting & Finance
<input type="checkbox"/>	GB 212	Practice & Applications in Acct. & Finance
<input type="checkbox"/>	GB 213	Business Statistics
<input type="checkbox"/>	GB 214	Marketing-Operations Fundamentals
<input type="checkbox"/>	OR GB 215	Human Behavior and Organizations

UNRESTRICTED ELECTIVE COURSES^{4,6}

<input type="checkbox"/>	_____	_____
<input type="checkbox"/>	_____	_____
<input type="checkbox"/>	_____	_____
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BUSINESS STUDIES MAJOR^{5,6}

<input type="checkbox"/>	GB 110	Legal and Ethical Environment of Business
<input type="checkbox"/>	GB 112	Tools & Concepts in Accounting & Finance
<input type="checkbox"/>	GB 212	Practice & Applications in Acct. & Finance
<input type="checkbox"/>	GB 213	Business Statistics
<input type="checkbox"/>	GB 214	Marketing-Operations Fundamentals
<input type="checkbox"/>	GB 215	Human Behavior and Organizations
<input type="checkbox"/>	_____	Business Elective
<input type="checkbox"/>	_____	Business Elective

UNRESTRICTED ELECTIVE COURSES^{4,6}

<input type="checkbox"/>	_____	_____
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Office Notes:

Total credits required: 122. Note: Transfer students with at least 15 credits in transfer will complete 121 credits.

All courses are 3 credits unless otherwise indicated.

COURSE FOCUS REQUIREMENTS

<input type="checkbox"/>	U.S. Diversity Intensive (D)
<input type="checkbox"/>	International Intensive (I)
<input type="checkbox"/>	Communication Intensive (C)
<input type="checkbox"/>	Communication Intensive/Major (MA 252)

¹ Placement in this course is determined by the English and Media Studies department.

² Requirement may be fulfilled with any LIT/CIN/EMS or MLCH 402, MLFR 304, MLIT 304, MLSP 301, 404, or 405.

³ Students are urged to meet with a faculty mentor in the MA department on a regular basis, particularly before registering for their MA major requirements.

⁴ Elective guidelines are available on the Registrar's website.

⁵ Students must choose either a Business Studies Major or Business Studies minor.

⁶ Students who choose to pursue a Liberal Studies Major (LSM) cannot do a Business Studies Major, but must complete a Business Studies minor instead.

***Students may take no more than 30 credits of business courses, including the courses from the Business Studies Major or minor.**

Data Analytics

The Information Age has generated new “buzz words” such as *Big Data* and *Business Analytics*. Skills in areas such as Data Science, Programming, Data Mining, Statistics and Modeling are becoming more important and applicable to all fields. Through the Data Analytics major, students will develop an understanding of the concepts and techniques of statistics, programming, data science, data mining and modeling.

Additionally, students will recognize the business applications for which data analytics are appropriate while becoming fluent in the use and understanding of data analytics terminology.

Data Analytics major prerequisite structure:

*Courses	Prerequisites
MA 214	GB 213
MA 252	MA 139 (or MA 141) & GB 213
CS 230	IT 101
CS 350	CS 150 or MA 346
MA 346	GB 213
MA 347	GB 213
**MA 380	MA 214 & MA 252
EC 245	EC 111, EC 112 & GB 213
MA 255	MA 214 & MA 252

* Please check with the department on the frequency of the course offerings.

** This course will be offered once a year beginning 2020-2021.