

BUSINESS ANALYTICS MINOR REQUIREMENTS

The Business Analytics Minor requires students to complete 21 credits (7 courses) as outlined below. Students in the Information Systems and Business Analytics Major are not eligible for this minor.

Minor Requirements

Take all five of these required courses:

MSIS 110 ¹	Introduction to Computers & Information Systems	3cr	Pre-requisite: none
MSIS 111L ^{1,2}	Managerial Statistics	3cr	Pre- or co-requisite: MSIS 110
MSIS 212 ¹	Managerial Decision Making	3cr	Pre-requisite: MSIS 110 and MSIS 111L ²
MSIS 230L	Relational Databases	3cr	Pre-requisite: MSIS 110 or IT 110
MSIS 310	Introduction to Coding for Business	3cr	Pre-requisite: MSIS 110 or IT 110 and 60 credits

Minor Electives

Choose two Business Analytics Electives from the list below:

IT 370	Introduction to Analytics	3cr	Pre-requisite: MSIS 110 or IT 110
IT 471	Data Warehousing for Business Intelligence	3cr	Pre-requisite: MSIS 110 or IT 110 and IT 230L or MSIS 230L
MSIS 415	Advanced Coding for Analytics	3cr	Pre-requisite: MSIS 310 or IT 116 and 60 credits

¹: Business majors complete these courses as part of the Business Core; 4 additional, unique courses are needed to complete this minor.

²: MSIS 111L is the preferred statistics course, however the following courses are approved alternatives: ECON 205, IT 111L, MATH 125, PSYCH 370, SOCIOL 350

ADMISSION TO THE BUSINESS ANALYTICS MINOR

Non-Business Majors must meet the following requirements to be accepted to this minor:

- 2.75 UMass Boston GPA based on at least 12 graded credits with no incomplete grades;
- Applying before you earn 45 credits is recommended.
- Students must apply using the [Change of Program](#) form on the [Registrar's website](#).

Business Majors

- Met the admission criteria for this minor when they enrolled in their initial Business major. No additional admission requirements for this minor exist.
- Students must still apply using the [Change of Program](#) form on the [Registrar's website](#).

Applications are reviewed periodically throughout the semester and students will be emailed the review decision. Admission will always be effective the semester following acceptance.

ADVISING AND REGISTRATION GUIDANCE

- Due to the sequential nature of the requirements and some elective options, students must plan to complete this minor over the course of at least 4 semesters; 6-7 semesters is advised.
- Students should consult their degree audit and the information above to track progress in the minor. When individual advising is needed, CM students should connect with their assigned Academic Advisor and students outside of CM can meet with any Academic Advisor in the College of Management.
- Students in this minor will have delayed access to enroll in courses that are required for their minor only. Access will be granted on the Partnership Program date found on the [CM Registration Request Form](#) Page.
- Non-CM students pursuing this minor will need to use the [Registration Request Form](#) to enroll in CM courses.
- Students must have a minimum of a 2.0 GPA in the minor courses at the time of graduation to be awarded this minor.
- No more than one course in this minor, outside of courses being used in the Business Core, can be reused in the major or another minor.