

Michigan Technological University

Certificate in Business Analytics

Program Code CBA, Academic Year 2021-22

Department of Mathematical Sciences

Total Credits Required: 24

Student Name: _____ M# _____

The Certificate in Business Analytics provides a foundation in the emerging fields of Analytics, the use of statistics and mathematical modeling, to optimize business performance.

Certificate Requirements

- Certificates are offered to undergraduate level, poste-degree students who have previously completed a Bachelor's degree
- Students must earn a grade of C or better in each course used to meet certificate requirements
- Students must complete at least nine credits of upper division course work (3000- level or above) and at least half of the total credits required must be taken at Michigan Tech

Required Courses

Course	Credits
MA 2330 Introduction to Linear Algebra	3
MA 2710 Introduction to Statistical Analysis or MA2720 Statistical Methods or MA 3710 Engineering Statistics or MA 3715 Biostatistics	3
MIS 2100 Introduction to Business Programming or CS 1121 Introduction to Programming I or MA 1600 Introduction to Scientific Simulation	3
MIS 3100 Business Database Management	3
MA 3740 Statistical Programming and Analysis	3
MA 4790 Predictive Modeling	3
CS 4821 Data Mining	3

Elective Courses: Select one of the following

Course	Credits
MA 4710 Regression Analysis	3
MA 4780 Tim Series Analysis and Forecasting	3
EC 4200 Econometrics	3

Send the completed form to the Registrar's office no later than week 3 of the completion term.

Degree Services Use Only:

Credits Required	Credits Earned	Upper Division Credits	Residency
Courses used in Minor	Course Grades	Term Awarded	DS Staff