CMDA Major Requirements

Economics Option

MATH 1225 Calculus of a Single Variable I

MATH 1226 Calculus of a Single Variable II

MATH 2204 Intro to Multivariable Calc

STAT 3005 Stat Methods I

STAT 3006 Stat Methods II

STAT 3104 Probability and Distributions

CS 1114 Intro to Software Design

CS 2114 Software Design & Data Structures

CMDA 2005 Integrated Quantitative Science I

CMDA 2006 Integrated Quantitative Science II

MATH 2114 Intro to Linear Algebra

MATH 2214 Intro to Differential Eqns

STAT 3006 Stat Methods II

CMDA 3605 Math Modeling I

CMDA 3606 Math Modeling II

CMDA 4654 Intermediate Data Analytics & ML

CMDA 4864 CMDA Capstone Project

+ 6 credits of electives
(3 credits of ECON, 3 credits of ECON/CMDA)

CS 2114-3634 weak prerequisite

Integrated path

Traditional path

CMDA 4864 (CMDA Capstone) requires as a prerequisite either (CS 2114–CMDA 3634) or (CMDA 3605–3606) or (CMDA 3654–4654).

ECON 2005 Principles of Economics

ECON 2006 Principles of Economics

ECON 3104 Microeconomic Theory

ECON 3204 Macroeconomic Theory

ECON 4424 Theory of Games & Econ Behavior

ECON 4304 Econometrics