CMDA Major Requirements
Physics Track

- PHYS 2305 Foundations of Physics
- PHYS 2306 Foundations of Physics
- PHYS 3324 Modern Physics
- PHYS 4755 Intro to Comp. Physics
- PHYS 4756 Intro to Comp. Physics
- 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 1225 Calculus of a Single Variable I
- MATH 1226 Calculus of a Single Variable II
- CMDA 3604 CS Foundations of CMDA
- CMDA 3605 Math Modeling I
- CMDA 3606 Math Modeling II
- CMDA 3654 Intro Data Analytics & Visualization
- CMDA 4654 Intermediate Data Analytics & ML
- CMDA 4864 CMDA Capstone Project
- STAT 3005 Stat Methods I
- STAT 3006 Stat Methods II
- STAT 3104 Probability and Distributions
- MATH 2214 Intro to Linear Algebra
- MATH 2214 Intro to Differential Eqns
+ 15 credits of Physics electives

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