

# MAD-3512 Theory of Algorithms

## Course Change Justification

In the current “Prereq: MAD-2104(Discrete Math) and COT-3420(Logic for CS)” as in the left flowchart (present curriculum model) below, the knowledge acquired from COT-3420 is not as relevant as COP-3530(Data Structures) for students enrolled in MAD-3512.

Hence, it is appropriate to change the prereq as “MAD-2104 and COP-3530”. Since MAD-2104 is a prereq for COP-3530, the prereq is reduced to “COP-3530” as in the right flowchart (restructured new curriculum model) below.

This course change enables students to take MAD-3512 without taking COT-3420.

