

MGSC 674. OPTIMIZATION FOR DATA SCIENCE.

Credits: 1.5

Offered by: Management (Graduate Studies)

This course is not offered this catalogue year.

Description

Introduction to foundational concepts in optimization with a strong emphasis on applications to problems in data science and machine learning, including fundamental optimization models such as linear, integer, and convex programming, a variety of gradient descent methods, and algorithms (the expectation-maximization and back-propagation algorithm), as well as the applications to various current and diverse data science and machine-learning contexts

- Prerequisites: (INSY 660 or INSY 662) and (MGSC 660 or MGSC 661) or permission of the instructor
- Restrictions: Not open to students who have taken MGSC 695 when the topic was "Optimization for Data Science"
- 1. The online version of the course includes synchronous and/or asynchronous course activities

Most students use Visual Schedule Builder (VSB) to organize their schedules. VSB helps you plan class schedules, travel time, and more.

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