

# DATA SCIENCES AND OPERATIONS

SPRING 2024 SEMESTER

**DSO 583** — *Operations Consulting*  
*Section(s) – 16339*

**Professor**

*Das Dasgupta*

**Email**

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**When**

*Online, Saturday 9 AM – 12 Noon*

**Office**

*Online*

**Units**

*3*



## WHY TAKE THIS COURSE?

Students who plan to have a career in management consulting, operations consulting, internal consulting groups of large corporations, and leading positions in operations and supply chain management areas

## COURSE OBJECTIVES

To provide students with hands-on consulting experience, data analytic skills, consulting tools/frameworks, operations, and supply chain management skills for managing consulting projects

## KEY CONCEPTS

- Hands-on consulting with real client projects
- Problem-solving and presentation skills
- Data analytic skills
- Advanced MS Excel skills
- Collaborative Planning, Forecasting, and Replenishment
- Lean Operations and Six Sigma
- Process Management
- Operations Innovation

## COURSE DESCRIPTION

This course covers basic skills in management consulting, including presentation and data analytics skills. It will investigate operational issues and decisions, including developing a competitive advantage through operations, strategic planning, and lean Six Sigma methods. The course teaches practical consulting skills; students will work on real-life consulting projects.