

MS8948: DECISION ANALYTICS AND OPERATIONS SEMINAR SERIES I

Effective Term

Summer Term 2025

Part I Course Overview

Course Title

Decision Analytics and Operations Seminar Series I

Subject Code

MS - Decision Analytics and Operations

Course Number

8948

Academic Unit

Decision Analytics and Operations (DAOS)

College/School

College of Business (CB)

Course Duration

One Semester

Credit Units

1

Level

R8 - Research Degree

Medium of Instruction

English

Medium of Assessment

English

Prerequisites

Nil

Precursors

Nil

Equivalent Courses

Nil

Exclusive Courses

Nil

Part II Course Details

Abstract

This seminar series will feature distinguished researchers from academia to discuss latest research in the topic of decision analytics and operations. The series will emphasize modeling, applications and algorithms in the area of management science and operations research.

Course Intended Learning Outcomes (CILOs)

CILOs		Weighting (if app.)	DEC-A1	DEC-A2	DEC-A3
1	Evaluate and analyze new research problems in decision analytics and operations	100	x	x	

A1: Attitude

Develop an attitude of discovery/innovation/creativity, as demonstrated by students possessing a strong sense of curiosity, asking questions actively, challenging assumptions or engaging in inquiry together with teachers.

A2: Ability

Develop the ability/skill needed to discover/innovate/create, as demonstrated by students possessing critical thinking skills to assess ideas, acquiring research skills, synthesizing knowledge across disciplines or applying academic knowledge to real-life problems.

A3: Accomplishments

Demonstrate accomplishment of discovery/innovation/creativity through producing /constructing creative works/new artefacts, effective solutions to real-life problems or new processes.

Learning and Teaching Activities (LTAs)

LTAs	Brief Description		CILO No.	Hours/week (if applicable)
1	Seminar	Students will discover cutting edge research, and researchers will share with graduate students their research experience.	1	

Assessment Tasks / Activities (ATs)

ATs		CILO No.	Weighting (%)	Remarks ("-" for nil entry)	Allow Use of GenAI?
1	Attendance in seminar series	1	100	Assessed on a Pass/Fail basis	No

Continuous Assessment (%)

100

Examination (%)

0

Assessment Rubrics (AR)

Assessment Task

Attendance in seminar series

Criterion

Minimum 6 seminars of 1.5 hours each will be held in each semester.

Pass (P)

(P) Attendance in at least 80% of the total number of seminars

Failure (F)

(F) Attendance below 80% of the total number of seminars

Part III Other Information

Keyword Syllabus

Not applicable.

Reading List

Compulsory Readings

Title	
1	Nil

Additional Readings

Title	
1	Nil