INSY 661. DATABASE AND DISTRIBUTED SYSTEMS FOR ANALYTICS.

Credits: 3

Offered by: Management (Graduate Studies)

Terms offered: Summer 2025, Winter 2026

View offerings for Summer 2025 or Winter 2026 in Visual Schedule Builder.

Description

This course will present the student with many key concepts relating to database technology, how database technology is being used for managing large datasets, and the opportunity to put these concepts to practice. This course will cover database management system (DBMS) concepts, database architecture, database design using entity-relationship (ER) modeling, data storage, file organization, the SQL language, normalization, data integrity, database security, data warehousing, and big data related technologies such as NoSQL, Hadoop, MapReduce, Pic, and Hive.

- **Due to the intensive nature of this course, the standard add/drop and withdrawal deadlines do not apply. Course Add is the fourth lecture day
- **Web ADD only.
- **No web drop allowed.
- **Web withdrawal not applicable.

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

Launch Visual Schedule Builder