



Description of materials according to plan 11

1501434

Database Management Systems

1501222

This course aims to provide students with the principles of managing database systems, covering concepts such as integrity control, transactions, and concurrency control. Upon completion of the course, students are expected to: Ensure that the database remains in a consistent state despite concurrent access by multiple transactions. Demonstrate awareness of transaction operations. Manage recovery concepts and understand how to restore the database to a safe state. Apply various deadlock resolution strategies to optimize concurrency.