

## Faculty of Computers and Information Technology

### Database systems - 1

#### **Information :**

**Course Code :** ISI222

**Level :** Undergraduate

**Course Hours :** 3.00- Hours

**Department :** Faculty of Computers and Information Technology

#### **Description :**

The essential concepts of database systems are covered in this course, including history, basic architecture, data models and design, and applications. The database design process is covered in detail, with a focus on high-level data models and relational technologies. The basic concepts of relational languages are covered, with a focus on the Standard Query language (SQL). Students will receive hands-on experience designing and creating relational databases for given data requirements, as well as practice designing and executing SQL queries, through a series of exercises, assignments, and a course project