

Databases



Component
Institut
universitaire de
technologie (IUT
1)

- > **Teaching language(s):** French
- > **Open to exchange students:** Yes

Presentation

Description

- Modeling and manipulation of databases
- Administration and use of a database management system

To be able: To model and design a database, To create a database on a database management system, To query and manipulate a database with a query language, To administer a management system of databases, to create a simple web system interacting with a database

Program

- Modeling and design of a database (EA diagrams, integrity constraints)
- Manipulation of databases and tables using the SQL query language
- Querying data using the SQL language (notions of relational algebra)
- Installation and administration of a database management system
- Management of users and access to the database
- Web Development Concepts (HTML)
- Access to a database from a website with PHP
- Data security

Keywords: Databases, SQL, DBMS, PHP

Useful info



Place

› Grenoble

Campus

› Grenoble - University campus