

Certificate in Database Systems

The Certificate in Database Systems is designed to provide both theory and practical knowledge in database design, development and implementation, advanced database concepts, database administration, as well as data mining. In-depth practice in the use of Structure Query Language (SQL) will also be provided. This certificate will prepare one to be a database professional, or work in any other information systems career in which knowledge of capturing, storing, retrieving, organizing, and analyzing information is important.

To earn a Certificate in Database Systems, participants must complete 12 hours from the following courses:

Required Course:

Database Systems (COP4710/COP5725)

Programing Pre-requisite (3 hrs)

Choose one from the following:

Visual Programming (CGS3464)

Java Programming (COP2253)

Programming Using C++ (COP2334)

Elective choices (6 hrs)

Choose two from the following:

Data Mining (CAP4770/CAP5771)

Advanced Database Systems (COP6727)

Database Administration (COP4723/COP5775)



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