

COURSE DETAIL

INFORMATION MANAGEMENT 1

Country

Ireland

Host Institution

Trinity College Dublin

Program(s)

Trinity College Dublin

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

106

UCEAP Course Suffix**UCEAP Official Title**

INFORMATION MANAGEMENT 1

UCEAP Transcript Title

INFORMATION MGMT 1

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

This course focuses on the methods and techniques for efficient management (modelling, manipulation, and retrieval) of data and information. It provides a foundation for later courses in database management and advanced information management. Students describe and use UML for information modeling; describe and use XML techniques for data modeling and querying; describe techniques for exposing and retrieving information on the web semantic web/linked data approaches; and understand the ongoing collaborative process of eliciting ethical implications which influence technology design.

Language(s) of Instruction

English

Host Institution Course Number

CSU22041

Host Institution Course Title

INFORMATION MANAGEMENT I

Host Institution Course Details

<https://teaching.scss.tcd.ie/module/csu22041-information-management-i/>

Host Institution Campus

Trinity College Dublin

Host Institution Faculty

Host Institution Degree

Host Institution Department

Computer

Course Last Reviewed

2024-2025

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