

GEO2191 Geographical Data Modelling and Management - 2009-2010

Course code:

GEO2191

Course name:

Geographical Data Modelling and Management

Course level:

Bachelor (syklus 1)

ECTS Credits:

7.5

Duration:

Autumn and spring

Language of instruction:

English

Prerequisite(s):

Basic GIS knowledge, e.g. GEO1121 GIS Intro (10 ECTS Credits)

Basic database knowledge, e.g. GEO-ny- Introduction to databases (5 ECTS Credits)

Expected learning outcomes:

After completing this course module, the students will be able to use conceptual schema languages to describe (simple) information models. The students also will have knowledge of how to convert the models into databases suitable for geographical data and how to manage the database, including management of the user access to databases.

Topic(s):

The course is structured into 5 parts:

- Geographical Data Modelling
- Unified Modelling Language
- Relevant standards for handling geographical information
- Building and Quality Assurance of Geodatabases
- Geodatabase Management and Access

Teaching Methods:

E-learning

Form(s) of Assessment:

Evaluation of Project(s)

Form(s) of Assessment (additional text):

Evaluation of 3 Projects

Grading Scale:

Alphabetical Scale, A(best) – F (fail)

Tillatte hjelpemidler:**Academic responsibility:**

Faculty of Technology, Economy and Management

Course responsibility:

Førsteamanuensis Erling Onstein

Teaching Materials:

List available in Study Guide at startup time.

Publish:

Yes