

COURSE DETAIL

NEURAL INFORMATION PROCESSING PROJECT

Country

Germany

Host Institution

Technical University Berlin

Program(s)

Technical University Berlin

UCEAP Course Level

Graduate

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

201

UCEAP Course Suffix**UCEAP Official Title**

NEURAL INFORMATION PROCESSING PROJECT

UCEAP Transcript Title

NEURAL INFO PROJECT

UCEAP Quarter Units

8.50

UCEAP Semester Units

5.70

Course Description

During this course, participants work on a scientific project of limited scope under the supervision of an experienced researcher. Project topics vary every semester, but are always related to the current research projects of the Neural Information Processing Group. In the past, topics were selected from research fields including the modeling of neural systems, machine learning, artificial neural network and their application, and from the analysis of neural data. During the course, students read original publications, learn how to prepare and present a brief project proposal, learn how to scientifically address a complex problem, learn how to discuss and defend their findings during a scientific poster session, and a how to compile their results in form of a typical conference paper. This course also includes a seminar.

Language(s) of Instruction

English

Host Institution Course Number

0434 L 864

Host Institution Course Title

NEURAL INFORMATION PROCESSING PROJECT

Host Institution Campus

FAKULTÄT IV ELEKTROTECHNIK UND INFORMATIK

Host Institution Faculty

Host Institution Degree

Host Institution Department

Institut für Softwaretechnik und Theoretische Informatik

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