

FDA012

Introduction to Research Methodology in Computer Science (CIS)

Lectures:

16 h.

Recommended for

New graduate students. Special study groups will be arranged for students with common interests, such as students in the Industry Research School, HMI Research School, etc.

The course was last given:

Fall 2001.

Goals

To prepare for graduate studies in general and for formulating research problems and thesis topics in particular.

Prerequisites

None.

Organization

Lectures and seminars. Optional study groups for extra course credit.

Contents

Computing as a discipline. Introduction to the philosophy of science. Scientific writing, publication and information retrieval. Science and technology, methodological issues. The Ph.D. study process. Aspects of ethics and quality control in scientific work. Research funding and politics.

Literature

Chalmers: What is this thing called science.
Journal papers.

Teachers

Sture Hägglund and invited guests.

Examiner

Sture Hägglund.

Schedule

Fall 2002.

Examination

Written examination and seminar activity. Study group report for 2 extra credit points.

Credit

3 + 2 credits.