



Course syllabus

Faculty Board of Science and Engineering

School of Computer Science, Physics and Mathematics

5IK034 Strategisk planering för informationssystem, 7,5 högskolepoäng

5IK034 Strategic planning for Information Systems, 7.5 credits

Main field of study

Informatics

Subject Group

Informatics/Computer and Systems Sciences

Level of classification

Second Level

Progression

A1N

Date of Ratification

Approved by School of Computer Science, Physics and Mathematics 2012-08-17

The course syllabus is valid from spring semester 2013

Prerequisites

90 credits in informatics including a degree project 15 credits at bachelor level or equivalent.

Objectives

After the course, the student:

- should understand and be able to use theories and methods for the planning and management of organizational IS/IT resources.
- should be able to use approaches for managing the strategic IS/IT planning process
- should be able to understand the connections between the business objectives, processes and the use of IS/IT from a holistic perspective.
- should understand general theories and models for strategic business planning.

Content

The course contains:

- theories on strategic business planning
- theories and approaches for planning and management of organizations are

- studied from a strategic IS/IT perspective
- theories about the relationship between IS/IT and business operations from a strategic perspective
- models for investigating strategic option for business use of IS/IT
- methodologies for management of strategic IS planning process.

Type of Instruction

The teaching consists of lectures, seminars, cases and field projects. Participation/attendance at seminars is mandatory.

Examination

The course is assessed with the grades Fail (U), Pass (G) or Pass with Distinction (VG).

On request, students may have their credits translated to ECTSmarks. Such a request must be sent to the examiner before the grading process starts.

Assessment of the student's performance is done by written and/or oral examination and/or presentation of assignments. The main form of examination is determined at the start of the course.

Students who do not pass the regular examination will be offered retrials close to the regular examination.

Course Evaluation

A course evaluation will be carried out at the end of the course in accordance with the guidelines of the University. The result of the course evaluation will be filed at the department.

Required Reading and Additional Study Material

Required reading

Ward, J & Peppard, J, *Strategic Planning for Information Systems*, latest edition. John Wiley & Sons

Articles

Supplementary reading

Mintzberg, H, *The Rise and Fall of Strategic Planning*, Prentice Hall, 1994.

Bryan Maizlish & Robert Handler, *IT Portfolio Management Step-By-Step: Unlocking the Business Value of Technology*, John Wiley & Sons, 2005.