



Course syllabus

Faculty of Technology

Department of Informatics

1IK031 Verksamhetsanalys, 7,5 högskolepoäng

1IK031 Business Analysis, 7.5 credits

Main field of study

Informatics

Subject Group

Informatics/Computer and Systems Sciences

Level of classification

First Level

Progression

G1N

Date of Ratification

Approved 2012-12-10

Revised 2023-04-03 by Faculty of Technology.

The course syllabus is valid from autumn semester 2023

Prerequisites

General entry requirements for university studies.

Objectives

After participation in the course the student will be able to:

Knowledge and Understanding

- Give an account of business related concepts
- Give an account of the relation between IT and organization from a holistic perspective
- Give an account of similarities and differences between different approaches for information systems development

Skills and abilities

- Practically apply different techniques to study and analyse businesses
- Autonomously plan and execute business analysis and requirements elicitation

Evaluation ability and approach

- Advocate the necessity for business analysis in successful information systems development
- Reflect on the professional role of the business analyst

Content

The course includes topics of:

- Business related concepts, theories and perspectives
- Methodologies for business development
- Techniques for the study and analysis of businesses
- Basics of business modeling
- Requirements elicitation and specification
- Introduction to business development
- Written and verbal presentation of results to requestors and other stakeholders

Type of Instruction

Teaching methods consist of lectures, seminars, workshops and supervision.

Examination

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

The students' performance is assessed through a group assignment, 4.5 credits (U-G) and a written exam, 3 credits (U-V). Course grade is determined by weighting the examination components.

Repeat examination is offered in accordance with Local regulations for courses and examination at the first and second-cycle level at Linnaeus University. If the university has decided that a student is entitled to special pedagogical support due to a disability, the examiner has the right to give a customised exam or to have the student conduct the exam in an alternative way.

Course Evaluation

During the implementation of the course or in close conjunction with the course, a course evaluation is to be carried out. Results and analysis of the course evaluation are to be promptly presented as feedback to the students who have completed the course. Students who participate during the next course instance receive feedback at the start of the course. The course evaluation is to be carried out anonymously.

Required Reading and Additional Study Material

Required reading

Debra Paul, James Cadle, Malcolm Eva, Craig Rollason, and Jonathan Hunsley, *Business Analysis*, BSC, The Chartered Institute for IT, latest edition, 436 pages.

James Cadle, Debra Paul, Jonathan Hunsley, Adrian Reed and David Beckham, *Business Analysis Techniques: 123 Essential Tools for Success*, BSC, The Chartered Institute for IT, latest edition, 388 pages.

Supplementary reading

IIBY, *Guide to Business Analysis Body of Knowledge (Babok Guide)*, International Institute of Business Analysis, 2015, ISBN 9781927584026, 512 pages.