Faculty of Economic Sciences, Communication and IT
Computer Science

Syllabus

Course Approval
The syllabus was approved by the Faculty Board of Economic Sciences, Communication and IT on 8 March 2012 , and is valid from the Autumn semester of 2012 at Karlstad University.

Course Code: DVGC25
Computer Science - Degree project/ Bachelor´s project, 15 ECTS Credits
(Examensarbete/ Kandidatarbete, 15 Swedish credit points)
Degree Level: Bachelor
Progressive Specialisation: G2E (First cycle, has at least 60 credits in first-cycle course/s as entry requirements, contains degree proj. for B.A./B.Sc.)

Language of Instruction
English. Individual supervision is offered in Swedish and English.

Prerequisites
Computer Science 60 ECTS cr, of which 30 ECTS cr must be credits earned for continuation courses

Major Field of Study
DVA (Computer Science)

Learning Outcomes

Upon completion of the course, students should be able to:
- perform and describe in speech and in writing independent work in project form and critically assess and evaluate project reports,
  - identify, formulate and delimit problems and apply methods in a chosen subject area in ways that meet scientific requirements,
- apply knowledge and skills acquired in previous courses to address problems in a selected subject area,
  - plan their own work so that interim targets can be met,
  - analyse the need for scientific information, search for information and then evaluate it,
  - present their work in written reports that conform to scientific/technical norms in terms of content, structure and language,
  - make oral presentations that meet requirements for timing, clarity of speech, delivery and illustrations, and
  - review and give feedback on a technical/scientific report in the field, and evaluate similar feedback on their own projects.

Content and Form of Instruction

The course combines theory and practice. Students perform an assessment or design assignment in groups. The work includes selecting a subject, formulating a problem, planning, literature studies, contact activities, empirical data collection, design and reporting. Students will also assess other students' work and defend their own work. Supervision is only offered to students while the course is in progress. Students who fail to complete the project satisfactorily during this time may re-register at the next course opportunity. They will then be offered additional supervision to the extent made possible by available resources.

Reading List

See separate document.

Examination

Assessment is based on a report and participation in an oral presentation and defence of the results of the assignment. Students are also required to serve as the discussant of a fellow-student's report. The number of examination opportunities is limited to five.

Grades

One of the grades 5 (Pass with Distinction), 4 (Pass not without Distinction), 3 (Pass), or U (Fail) is awarded in the examination of the course.

Quality Assurance

Follow-up relating to learning conditions and goal-fulfilment takes place both during and upon completion of the course in order to ensure continuous improvement. Course assessment is based on student views and experiences as reported in written course evaluations and/or group discussions. Students will be informed of the result of the evaluation and of the measures to be taken.

Course Certificate

A course certificate will be provided upon request.

Additional Information

Students who enrolled before 1 July 2007 will complete their studies in accordance with the requirements of the earlier admission. Upon completion students may request degree and course certificates to be issued under the current ordinance if they meet its requirements.

The local regulations for studies at the Bachelor's and Master's levels at Karlstad University stipulate the obligations and rights of students and staff.