

System Development for Mobile Applications II, 7,5 HE credits

Systemutveckling för mobila applikationer II, 7,5 hp

Established: 2021-03-05

Established by: School of Business, Economics and IT

Applies from: H21

Learning outcomes

The students must show knowledge of and understanding of

- differences between environments for mobile applications
- architectures for mobile applications
- integration with web services and its importance for mobile applications
- technologies for managing and storing data from mobile applications.

The students must show skill and abilities to

- select the appropriate system design and system architecture for mobile applications
- make use of the mobile platform's built-in hardware features
- select the appropriate interface and navigation design for mobile applications
- debug and debug an application.

The students must be able to show values and attitudes towards

- the special requirements placed on design, development and integration for mobile applications.

Entry requirements

General entry requirements and approved result from the following course/courses:

GPA130-Fundamental programming with an object-oriented language and

SAP200-System Development for Mobile Applications or the equivalent.

The forms of assessment of student performance

Individual project work and exercise work in groups, with written and oral presentation.

Course contents

The course deals with various techniques for building mobile applications. Based on these or own chosen technology, a mobile application development work is done.

Other regulations

Course grading: F/Fx/E/D/C/B/A - Insufficient, Insufficient- more work required before the

credit can be awarded, Sufficient, Satisfactory, Good, Very Good, Excellent

Course language: The teaching is conducted in English.

General rules pertaining to examination at University West are available at www.hv.se.

If the student has a decision/recommendation on special support due to disability, the examiner has the right to examine the student in a customized examination form.

Course Overlap

SAP201

Cycle

First cycle

Progressive specialization

G1F - first cycle, has less than 60 credits in first-cycle course/s as entry requirements

Main field of study

Informatics