

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

*Systemutveckling för mobila applikationer II, 7,5 hp*

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Established: 2021-03-05

Established by: School of Business, Economics and IT

Applies from: H21

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### **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](http://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