



## Course Syllabus:

# Business Management and Organization BA (C), Project Based Product Development, 15 Credits

## General data

<b>Code</b>	IG039G
<b>Subject/Main field</b>	Industrial Engineering and Management alt. Computer Engineering
<b>Cycle</b>	First cycle
<b>Progression</b>	C
<b>Orientation (name)</b>	
<b>Credits</b>	15.0
<b>Progressive specialisation</b>	G2F , First cycle, has at least 60 credits in first-cycle course/s as entry requirements
<b>Answerable department</b>	Department of Information and Communication Systems
<b>Adapted</b>	2013-04-12
<b>Established</b>	2014-06-27
<b>Date of change</b>	
<b>Valid from</b>	2014-07-01

## Aim

The student will have training in, in a group with different competencies, developing a value-creating product based on a problem description, and training in participating in a project. The project work will take place primarily based on assignments from external constituents. This means that the student will get used to cooperating with representatives from the industry and with students with other competencies.

## Course objectives

The students shall be able to:

- in cooperation with others identify the need of products and services
- in cooperation with others suggest products and develop services based on users' preconditions and needs
- participate in requirements capturing and in the formulation of requirement specifications
- follow a motivated project management model
- plan and participate in a project within given time frames
- understand something about the possibilities and limitations of technology
- present the product in speech and writing
- apply knowledge from previous courses in the discipline
- make some ethical considerations

## Content

Requirements analysis, problem identification, search for creative solutions, competitor and market analyses, information gathering

Project planning

Choice of development tools

Development of requirements specifications

Development of user tests

Production of for the project relevant economic analyses

Documentation and presentation

## Entry requirements

At least two years studies on a university level (or the equivalence of 100 Credits), and of these 40 Credits in the main discipline, alternatively business management and organization or information systems.

## Selection rules and procedures

The selection process is in accordance with the Higher Education Ordinance and the local order of admission.

## Teaching form

The student will work in a project team which will be supervised by an external supervisor, and by an advisor appointed by the university. Open seminars will be given regularly during the course and the course will be ended with a presentation of the product / service in a final seminar.

## Examination form

3.0 Credits, I101: Student Seminars and first deliverable

Presented by oral student seminars, written project description, and demonstration of a functioning and tested deliverable

Grades: Pass or Fail

12.0 Credits, P101: Project presentation

Presented orally and in writing, and through the demonstration of prototype or demonstrator

Grades: A, B, C, D, E, Fx and F. A-E are passed grades, Fx and F failing grades.

Grading criteria for the subject can be found at [www.miun.se/gradingcriteria](http://www.miun.se/gradingcriteria).

### **Grading system**

The grades A, B, C, D, E, Fx and F are given on the course. On this scale the grades A through E represent pass levels, whereas Fx and F represent fail levels.

### **Course reading**

#### **Required literature**