



APPLIES TO ACADEMIC YEAR 2009/2010

## **BIK 6510 Project Management 3**

### **Programme**

Bachelor of Management

### **Responsible for the course**

### **Department**

Department of Leadership and Organizational Behaviour

### **Term**

According to study plan

### **ECTS Credits**

15

### **Language of instruction**

Norwegian

### **Introduction**

Bachelor Program in Project Management consists of three courses, where each course builds on the previous one. It is taken as a prerequisite that the students follow the progression through the program (Project Management 1 before Project Management 2, and Project Management 1 and 2 before Project Management 3). After completion of all three courses the program will be accepted as a 30 credits Bachelor Program or as an optional specialization as part of the Bachelor Program.

In addition to the regional colleges, Center of Distance Education will offer this program with its own specific teaching.

The courses of the program:

- BIK 6600 Project Management 1 (PL 1): 7,5 credits
- BIK 6601 Project Management 2 (PL 2): 7,5 credits
- BIK 6510 Project Management 3 (PL 3): 15 credits

### **Learning outcome**

The course builds on BIK 6600 Project Management 1 and BIK 6601 Project Management 2. The compulsory literature from those courses is still of relevance.

In BIK 6510 Project Management emphasis will be on creating an understanding of the role of projects in developing a private or public enterprise. Insight will be given into how one manages a portfolio of projects or a single project. Extra weight will be given to economic analysis of projects. Uncertainty attached to the single project and the portfolio will be discussed.

The learning outcomes for BIK 6600 Project Management 1 and BIK 6601 Project Management 2 are valid also for BIK 6510 Project Management 3. In addition we have the following learning outcomes:

### **Knowledge outcomes**

By the end of the course the student will have developed the following knowledge outcomes:

- have basic knowledge of economic analysis of a project
- have basic knowledge of uncertainty attached to a single project and the project portfolio
- have basic knowledge of management of a project and a project portfolio

### **Skills outcomes**

By the end of the course the student will have developed the following skills outcomes:

- be able to conduct an economic analysis of a project
- be able to conduct an uncertainty analysis of a project
- be able to analyze a professional text on project management and draw own conclusions
- be able to utilize knowledge from project management theory on practical and theoretical problems
- be able to utilize results from research and development work
- be able to search for and evaluate information about project management in critical and ethical ways

#### **Value/attitudes outcomes**

By the end of the course the student will have developed the following value/attitudes outcomes:

- have an understanding of the role that could be played by projects in developing public or private enterprises and the society

#### **Prerequisites**

There are no specific prerequisites needed to be accepted to the program. It is considered a prerequisite that the students follow the progression through the program.

#### **Compulsory reading**

##### **Books:**

Andersen, Erling S. og Eva Schwenke. 2001. Prosjektarbeid : en veiledning for studenter. 3.utg. Bekkestua : NKI-forlaget

Andersen, Erling, S., Kristoffer Grude og Tor Haug. 2004. Måltrettet prosjektstyring. 5. utg. Bekkestua: NKI-forlaget.

Briner, Wendy, Colin Hastings og Michael Geddes. 2000. Prosjektledelse. Oslo : Gyldendal akademisk

Bøhren, Øyvind og Per Ivar Gjærum. 2009. Prosjektanalyse : investering og finansering. Rev. utg. Oslo : Fagbokforlaget

Husby, Otto ... [et al.]. 1999. Usikkerhet som gevinst : styring av usikkerhet i prosjekter : mulighet - risiko, beslutning, handling. Trondheim: Norsk senter for prosjektledelse

Jessen, Svein Arne. 2008. Prosjektledelse trinn for trinn : en håndbok i ledelse av små og mellomstore prosjekter. 2. utg.. Oslo : Universitetsforl.

Karlsen, Jan Terje og Petter Gottschalk. 2008. Prosjektledelse : fra initiering til gevinstrealisering. 2. utg. Oslo : Universitetsforlaget. Særlig vekt på kapitlene 2, 6, 10, 12-13

#### **Recommended reading**

##### **Course outline**

- Management of projects
- Project control and value creation
- Uncertainties in project
- Use of IT tools in project work
- Project proposals, selection of project short list, cash flow, profitability, cost of capital, risk analysis
- Work on thesis

##### **Computer-based tools**

Some of the courses demonstration of computer-tools might take place.

##### **Learning process and workload**

The course consists of 70 hours of instruction over two semesters or ten full days of instruction. The first semester course is called BIK 6511 and the second BIK 6512. The teaching will consist of lectures, group discussions and thesis supervision. The course will also be given by Center for Distance Education as a combination of seminars and use of Internet.

##### **Examination**

The students must hand in a thesis at the end of the course. The thesis should analyze a topic or problem related to a project or portfolio of projects. Supervision will be given.

##### **Exam code(s)**

BIK 65101 Thesis. The thesis counts for 100% of the grade of BIK 6510, 15 credits.

**Examination support materials**

**Re-sit examination**

At the next ordinary execution of the course.

**Additional information**