School of Economics and Management

ENTN32, Innovation Management and Open Innovation, 7.5 credits

Innovation Management and Open Innovation, 7,5 högskolepoäng

Second Cycle / Avancerad nivå

Details of approval

The syllabus is an old version, approved by The Board of the Department of Business Administration on 2011-05-20 and was last revised on 2016-12-19 by Academic Director of Studies at Department of Business Administration. . The revised syllabus applied from 2016-12-19. , spring semester 2017.

General Information

The course is a master's level course and a compulsory part of the master's program track in Corporate Entrepreneurship and Innovation.

Language of instruction: English
The course is offered in English. Students must therefore be able to communicate in English both orally and in writing.

Main field of studies	*Depth of study relative to the degree requirements*
Entrepreneurship	A1N, Second cycle, has only first-cycle course/s as entry requirements

Learning outcomes

A passing grade on the course will be awarded to students who are able to:

Knowledge and understanding

• Adequately describe key concepts, models and tools in innovation management.

Competence and skills

• Effectively apply innovation management concepts, models and tools to hypothetical and practical situations in organizations
• Demonstrate team and communication skills related to innovation management

Judgement and approach

• Realistically and critically evaluate innovation related organizational decisions and strategies in hypothetical and practical situations

Course content

In most industries today, innovation represents a key driver for competitiveness. Innovation management encompasses the strategic and operational activities which aim to stimulate and ensure innovation in organizations. Now more than ever the ability to renew organizations in the face of changing environmental circumstances, including competition and customer expectations, is also dependent on factors existing outside of an organization, in its surrounding networks, and this has opened for a new challenge, sometimes referred to as 'open innovation'. The aim of this course is to introduce and deepen the understanding of and ability to practically apply the concepts, models and tools of innovation management, specifically under conditions of 'open innovation'. Special emphasis will be put on the notion of technology strategy, New Product Development and the role of R&D for innovation. The course covers four areas:

1. Understanding the conditions for innovation, creativity and renewal
Content: Models of innovation, organizational and societal aspects of innovation (e.g innovation systems and policies for innovation), technological dynamics, explaining innovation (individual, organizational, industrial and societal levels).

2. Developing innovation and technology strategies
Content: Strategic frameworks for innovation, timing and strategic options for innovation, technology life-cycles, investment and protection (Intellectual Property Regimes).

3. Frameworks for New Product Development (NPD)
Content: NPD models and methodologies, market learning strategies, design and manufacturing,
networked innovation, product and service development, product portfolio management and product decisions, innovation performance measurement

4. Organizations and people in innovation
Content: Product development teams and team processes, project organizations in NPD, organization and localization of R&D Leading innovation processes, NPD project management and team processes, global/virtual teams, innovation and organizational culture, organization of R&D, open innovation, supply chain management and innovation, Knowledge management.

Course design

The range of teaching methods varies, but primarily consists of lectures, case discussions, teamwork and group discussions. Assigned readings, in the form of textbooks, research articles and cases are an integral part of the teaching methods.

Assessment

Examination consists primarily of combinations of written assignments, oral presentations, and written closed-book examinations. Assignments can be in the form of group and teamwork, case studies and practical problem solving tasks. This course is participative, intensive and utilizes action based learning. Active participation is part of the examination.

See appendix including examination sessions. (Will be attached to the curriculum automatically in the system).

Subcourses that are part of this course can be found in an appendix at the end of this document.

Grades

Marking scale: Fail, E, D, C, B, A.
Grade (Definition) Points or % out of maximum points. Characteristic.

A (Excellent) 85-100. A distinguished result that is excellent with regard to theoretical depth, practical relevance, analytical ability and independent thought.

B (Very good) 75-84. A very good result with regard to theoretical depth, practical relevance, analytical ability and independent thought.

C (Good) 65-74. The result is of a good standard with regard to theoretical depth, practical relevance, analytical ability and independent thought and lives up to expectations.

D (Satisfactory) 55-64. The result is of a satisfactory standard with regard to theoretical depth, practical relevance, analytical ability and independent thought.

E (Sufficient) 50-54. The result satisfies the minimum requirements with regard to theoretical depth, practical relevance, analytical ability and independent thought, but not more.

F (U) (Fail) 0-49. The result does not meet the minimum requirements with regard to theoretical depth, practical relevance, analytical ability and independent thought.

Plagiarism is considered to be a very serious academic offence. The University will take disciplinary actions against any kind of attempted malpractice in examinations and assessments. The penalty that may be imposed for this, and other improper practices in examinations or assessments, includes suspension from the University for a specific period of time.

Entry requirements

Bachelors degree or equivalent (i.e. 90 UCP or ECTS-cr.). Previous knowledge of Business Administration is not required.

Subcourses in ENTN32, Innovation Management and Open Innovation

Applies from H11

1101 Innovation Management and Open Innovation, 7,5 hp
Grading scale: Fail, E, D, C, B, A