

COURSE INFO

Lenght

Approximately 375 hours.
Six full time study weeks, four in Sweden, two weeks in Brazil plus four to six weeks of assignment work

Teaching language

English

Contact info

Brazil
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INNOVATIVE SWEDEN

Over the last one hundred years, Sweden has transformed from a rather poor country in the outskirts of Europe, to become a world leader in innovation in a globalized world.

Technological developments, combined with changing threats, require constant adaptation and innovation.

Innovation management makes it possible for managers, engineers and researchers to cooperate with a common understanding of processes and goals.

The goal for this course is spreading knowledge and share experiences made by Swedish Armed Forces, academia and industry.



Course directors Per Åman- Linköping University, Stefan Andersson – Saab and Mats Olofsson ret Colonel from the Swedish Armed Forces.

The course is organized by Linköping University and the Swedish-Brazilian Research and Innovation Center (CISB) in cooperation with Swedish Armed Forces and Swedish Defence Industry.



EXECUTIVE INNOVATION MANAGEMENT COURSE

For the Brazilian Armed Forces and Defence Industry, in Sweden and Brazil





Students from the Executive Innovation Management Course 2015

EXECUTIVE INNOVATION MANAGEMENT COURSE

Course layout

Interactive pedagogical idea with readings and dialogues.

Strong focus on workshops and live cases.

Swedish society, innovation systems & culture

An essential part of the course is to understand how the course content is applied in the context of the Swedish society and culture – understanding it by experiencing it on site through visits and meetings with people – and discuss how relevant parts of this thinking could be applied in a Brazilian context.

After the course, the students will be able to

- » Understand the dynamics & drivers of innovation

- » Formulate a well-crafted innovation strategy
- » Create conditions for successful implementation of innovation strategies
- » Assume a leading role in capability-based innovative organizations
- » Interpret the dynamics of model based systems engineering

Lecturers

A selection of more than 40 experts from Swedish universities, research institutes, government and industry are engaged as lecturers in the course.

Course content

Each course module is presented in a triple helix perspective: academia, government and industry.

- » The Swedish innovation system
- » Strategy
- » Change management
- » Triple helix & partnership
- » Scenario and technology forecasting
- » Disruptive technologies
- » Entrepreneurship
- » Spin-offs, start-ups and incubators
- » Open innovation arenas
- » Intellectual property rights
- » Open source
- » Concept development & experimentation
- » Product portfolio management
- » Model based engineering
- » Leading technology development
- » CDIO – model for engineering education
- » Assignment work