

## COURSE SYLLABUS

# Advanced Topics in Finance, 7.5 credits

*Advanced Topics in Finance, 7,5 högskolepoäng*

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Course Code:	JATR24	Education Cycle:	Second-cycle level
Confirmed by:	Council for Undergraduate and Masters Education Jan 24, 2014	Disciplinary domain:	Social sciences (75%) and natural sciences (25%)
Revised by:	Council for Undergraduate and Masters Education Jan 13, 2014	Subject group:	NA1
Valid From:	Jul 1, 2014	Specialised in:	A1N
Version:	1	Main field of study:	Economics
Reg number:	IHH 2014/4135-122		

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### Intended Learning Outcomes (ILO)

On completion of the course the student will be able to:

#### *Knowledge and understanding*

- demonstrate understanding of advanced topics in finance
- demonstrate knowledge about important research fields in the area of finance

#### *Skills and abilities*

- analyze a finance related problem applying appropriate tools and methods
- find relevant financial information using databases
- apply quantitative methods in the field of finance
- present written and orally the investigated problem, its theoretical framework, methods, and the results and conclusions from the project

#### *Judgement and approach*

- critically review and orally comment on research project reports of other students
- recognize ethical aspects in the context of financial investment decisions

### Contents

This course presents a smorgasbord of selected advanced topics in finance and therefore deepens the student's knowledge from previous finance courses including corporate finance. The major purpose of the course is to prepare students for writing a thesis in Finance at the advanced level. The various topics included are self-contained course modules and students will complete assignments related to each module. One important focus of the course is the application of quantitative methods in various contexts such as valuation techniques, financial statement analysis and asset pricing. In the assignment works students will also get familiar with retrieving financial information from common databases e.g. Amadeus and Datastream.

Main areas covered are

- Quantitative analysis of financial statements, introduction to statistical software GRETL
- Application of advanced valuation techniques

- Principles of risk management
- Financing of innovation
- Private equity mergers & acquisitions and corporate finance
- Event study methodology

### Type of instruction

The course is conducted through lectures and seminars.

The teaching is conducted in English.

### Prerequisites

Bachelor's degree incl. 15 credits in statistics, and either (a) 60 credits in business administration with 30 additional credits in business administration, economics or industrial organization or (b) completion of a course in financial accounting and 15 credits in finance including corporate finance (or the equivalent).

### Examination and grades

The course is graded A, B, C, D, E, FX or F.

Examination is done through the written exam, written assignments, presentation and active opposition. A weighted average of these elements is used to produce the overall examination grade.

Registration of examination:

Name of the Test	Value	Grading
Examination	7.5 credits	A/B/C/D/E/FX/F

### Course literature

#### Literature

Bodie, Zvi; Kane, Alex; Marcus, Alan J.: Investments, McGrawHill, latest edition

Damodaran, Aswath: Investment Valuation: Tools and Techniques for Determining the Value of Any Asset, Wiley and Sons, latest edition

Articles and handouts