

# Advanced Methodology Course: Advanced Finance in Innovative Companies

## About the course

subject	Virksomhedsstudier / Virksomhedsledelse
activitytype	master course
Teaching language	English
Registration	<p>Tilmelding sker via <a href="#">stads selvbetjening</a> indenfor annonceret tilmeldingsperiode, som du kan se på <a href="#">Studieadministrationens hjemmeside</a></p> <p>Når du tilmelder dig kurset, skal du være opmærksom på, om der er sammenfald i tidspunktet for kursusafholdelse og eksamen med andre kurser, du har valgt. Uddannelsesplanlægningen tager udgangspunkt i, at det er muligt at gennemføre et anbefalet studieforløb uden overlap. Men omkring valgfrie elementer og studieplaner som går ud over de anbefalede studieforløb, kan der forekomme overlap, alt efter hvilke kurser du vælger.</p> <p>Registration is happening through <a href="#">stads selvbetjening</a> within the announced registration period, as you can see on the <a href="#">Studyadministration homepage</a>.</p> <p>When registering for courses, please be aware of the potential conflicts between courses or exam dates on courses. The planning of course activities at Roskilde University is based on the recommended study programs which do not overlap. However, if you choose optional courses and/or study plans that goes beyond the recommended study programs, an overlap of lectures or exam dates may occur depending on which courses you choose.</p>
Learning outcomes/ Assessment criteria	<p><b>Knowledge</b></p> <ul style="list-style-type: none"><li>• Knowledge of academic and/or scientifically-based, practice-oriented methods, their use and relevance at advanced level.</li><li>• Understanding of and critical reflection on academic and/or scientificallybased, practice-oriented methods of social science research and their application in the future professions of students, such as in teaching, project management, consultancy, business management or research.</li></ul> <p><b>Skills</b></p> <ul style="list-style-type: none"><li>• Skills to carry out surveys and analyses using academic and/or scientifically-based, practice-oriented methods.</li><li>• Skills to evaluate and select methods in research and professional practice.</li><li>• Skills in communicating and discussing academic and/or scientificallybased, practice-oriented studies in a linguistic form that is correct, clear, technically precise, well-structured and well-argued.</li></ul> <p><b>Competencies</b></p> <ul style="list-style-type: none"><li>• Competency to co-operate with colleagues in applying various academic and/or scientifically-based, practice-oriented methods and forms of analysis to relevant issues in research and professional contexts.</li><li>• Competency to reflect on one's own learning and responsibility for academic development.</li></ul>
Overall content	<ul style="list-style-type: none"><li>• Research-related and professional premises for academic and scientifically-based, practice-oriented analyses.</li><li>• Procedures for the use of academic and/or scientifically-based, practiceoriented tools in research-related and professional contexts, respectively.</li></ul>
Detailed description of content	<p>With innovation and leadership perspective in mind, the course covers methods of project and investment evaluations. This includes an advanced discussion on the applications of capital budgeting techniques including for example net present value and internal rate of return analysis, as well as the analysis of the relation of risk and return for single projects or investments and for portfolios of them.</p> <p>Within the topics of minimization of the ratio between risk and return strategies, the course will present to students the advantages of using methods of risk diversification, presenting the efficient frontier of portfolios, which is used directly or indirectly by entrepreneurs when making investments decisions in different projects. Finally, the course will make an advanced analysis of the method</p>

associated to the Capital Asset Pricing Model, most used model by managers to calculate the required return for different projects and investments according to their systematic risk.

Thus, the objective of the course goes beyond capital budgeting techniques by visiting methods such as of Markowitz (1952), Sharpe (1964) and Lintner (1965), reflecting upon them and applying these and their derivations to the modern environment of capital investment decisions.

Teaching and working methods	Lectures, exercises, student presentations, peer feedback and discussions.
Course material and Reading list	Literature will be posted at Moodle for each lecture including lists of exercises.
Form of examination	The course is examined through a four-hour, invigilated, written examination.
Form of re-examination	Re-examination follows the same rules as the ordinary examination.
Examination type	Individual examination
Exam aids	all
Assessment	7-point grading scale
Moderation	None (i.e. course lecturer assesses)
Responsible for the activity	Johannes Kabderian Dreyer ( <a href="mailto:jodreyer@ruc.dk">jodreyer@ruc.dk</a> )
Administration of exams	ISE Studyadministration ( <a href="mailto:ise-studyadministration@ruc.dk">ise-studyadministration@ruc.dk</a> )
STADS stamdata	master course workload : 5 ECTS                      activitycode : U41221 exam form : Stedprøve skriftlig      grading : 7-point grading scale    censorship : ingen censur (sp)

## Course days:

Hold: 1

## Advanced Finance in Innovative Companies, Lecture 1 (EBA, VL, VS, BS)

time	11-02-2019 13:15 til 11-02-2019 15:00
forberedelsesnorm	ikke valgt
forberedelsesnorm D-VIP	ikke valgt
location	25.2-005 - teori (80)

## Advanced Finance in Innovative Companies, Lecture 2 (EBA, VL, VS, BS)

time	15-02-2019 13:15 til 15-02-2019 15:00
forberedelsesnorm	ikke valgt

forberedelsesnorm D-VIP	ikke valgt
location	25.2-035 - auditorie 25 (145)

## Advanced Finance in Innovative Companies, Lecture 3 (EBA, VL, VS, BS)

time	18-02-2019 13:15 til 18-02-2019 15:00
forberedelsesnorm	ikke valgt
forberedelsesnorm D-VIP	ikke valgt
location	25.2-005 - teori (80)

## Advanced Finance in Innovative Companies, Lecture 4 (EBA, VL, VS, BS)

time	22-02-2019 13:15 til 22-02-2019 15:00
forberedelsesnorm	ikke valgt
forberedelsesnorm D-VIP	ikke valgt
location	25.2-035 - auditorie 25 (145)

## Advanced Finance in Innovative Companies, Lecture 5 (EBA, VL, VS, BS)

time	25-02-2019 13:15 til 25-02-2019 15:00
forberedelsesnorm	ikke valgt
forberedelsesnorm D-VIP	ikke valgt
location	25.2-005 - teori (80)

## Advanced Finance in Innovative Companies, Lecture 6 (EBA, VL, VS, BS)

time	01-03-2019 13:15 til 01-03-2019 15:00
forberedelsesnorm	ikke valgt
forberedelsesnorm D-VIP	ikke valgt
location	25.2-035 - auditorie 25 (145)

## Advanced Finance in Innovative Companies, Lecture 7 (EBA, VL, VS, BS)

time	04-03-2019 13:15 til 04-03-2019 15:00
forberedelsesnorm	ikke valgt
forberedelsesnorm D-VIP	ikke valgt
location	25.2-005 - teori (80)

## Advanced Finance in Innovative Companies, Lecture 8 (EBA, VL, VS, BS)

time	08-03-2019 13:15 til 08-03-2019 15:00
forberedelsesnorm	ikke valgt
forberedelsesnorm D-VIP	ikke valgt
location	25.2-035 - auditorie 25 (145)

## Advanced Finance in Innovative Companies, Lecture 9 (EBA, VL, VS, BS)

time	11-03-2019 13:15 til 11-03-2019 15:00
forberedelsesnorm	ikke valgt
forberedelsesnorm D-VIP	ikke valgt
location	25.2-005 - teori (80)

## Advanced Finance in Innovative Companies, Lecture 10 (EBA, VL, VS, BS)

time	15-03-2019 13:15 til 15-03-2019 15:00
forberedelsesnorm	ikke valgt
forberedelsesnorm D-VIP	ikke valgt
location	25.2-035 - auditorie 25 (145)

## Exam; Advanced Finance in Innovative Companies (EBA, VL, VS, BS)

time	03-06-2019 09:00 til 03-06-2019 13:00
forberedelsesnorm	ikke valgt
forberedelsesnorm D-VIP	ikke valgt
location	24.1-009 - teori (65) / 25.1-035 - teori 25.1 (98)

## Re-exam; Advanced Finance in Innovative Companies (EBA, VL, VS, BS)

time	19-08-2019 09:00 til 19-08-2019 13:00
forberedelsesnorm	ikke valgt
forberedelsesnorm D-VIP	ikke valgt
location	25.3-005 - teori (80)

STADS	master course		
stamdata	workload : 5 ECTS	activitycode : U41221	
	exam form : Stedprøve skriftlig (sp)	grading : 7-point grading scale	censorship : ingen censur