

Advanced methodology course: Advanced Finance in Innovative Companies

About the course

subject	Virksomhedsstudier / Virksomhedsledelse
activitytype	master course
Teaching language	English
Registration	You register for activities through stads selybetjening during the announced registration period, which you can see on the Study administration homepage. When registering for courses, please be aware of the potential conflicts and overlaps between course and exam time and dates. The planning of course activities at Roskilde University is based on the recommended study programmes, which should not overlap. However, if you choose optional courses and/or study plans that goes beyond the recommended study programmes, an overlap of lectures or exam dates may occur depending on which courses you choose. In case of too few registrations, the course will be cancelled.
Detailed description of content	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. 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 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.
Expected work effort (ECTS-declaration)	Total: 135 hours 20 hours lectures 111 hours preparation including exercises 4 hours exam
Course material and Reading list	Given the diversified literature used along the course, literature and lists of exercises will be posted at moodle.
Evaluation- and feedback forms	Students are evaluated according to the final result of the exam. Students will evaluate the course through an oral midterm evaluation and a final evaluation of the course through SurveyXact.
Administration of exams	ISE Studieadministration (ise-studieadministration@ruc.dk)
Responsible for the activity	Johannes Kabderian Dreyer (jodreyer@ruc.dk)
ECTS	5
Learning outcomes and assessment criteria	● Knowledge and understanding: Knowledge and understanding of academic and/or scientifically based practice-oriented methods and their application and relevance on an advanced level ● Being able to understand and critically reflect upon academic and/or scientifically based practice-oriented methods in the field of social science research and how they are used in the students' future careers as, for example, lecturers, project managers, consultants, managers or researcher ● Skills:

	Carrying out studies and analyses with the aid of academic and/or scientifically based practice-oriented methods • Evaluating and selecting methods from research-related and professional practices • Being able to communicate and discuss academic and/or scientifically based practice-oriented studies in a type of language that is correct, clear, professionally accurate, well-structured and well-argued • Competences: Co-operation with colleagues in the application of various academic and/or scientifically based practice-oriented methods and forms of analysis in relation to relevant issues in research and professional contexts • Reflection on one's own learning and taking responsibility for one's own professional development
Overall content	• Research and professional premises for academic and scientifically based practice-oriented analyses • Approaches to the use of academic and/or scientifically based practice-oriented tools in research and professional contexts, respectively
Teaching and working methods	Lectures, exercises, student presentations, peer feedback and discussions.
Type of activity	Elective course
Form of examination (p1)	Individual written invigilated exam in a topic(s) given by the lecturer. The duration of the exam is 4 hours. Permitted support and preparation materials for the exam: All. Assessment: 7-point grading scale.
Form of Re-examination (p1)	Samme som ordinær eksamen
Exam code(s)	Exam code(s) : U41221

Course days:

Hold: 1

Advanced finance in innovative companies (BAL, BS, VL, VS)

time 09-02-2022 10:15 til
09-02-2022 12:00

location 25.1-020 - klynge (25)

Teacher Johannes Kabderian Dreyer (jodreyer@ruc.dk)

Advanced finance in innovative companies (BAL, BS, VL, VS)

time 23-02-2022 10:15 til
23-02-2022 12:00

location 25.1-020 - klynge (25)

Teacher Johannes Kabderian Dreyer (jodreyer@ruc.dk)

Advanced finance in innovative companies (BAL, BS, VL, VS)

time 02-03-2022 10:15 til
02-03-2022 12:00

location 25.1-020 - klynge (25)

Teacher Johannes Kabderian Dreyer (jodreyer@ruc.dk)

Advanced finance in innovative companies (BAL, BS, VL, VS)

time 09-03-2022 10:15 til
09-03-2022 12:00

location 25.1-020 - klynge (25)

Teacher Johannes Kabderian Dreyer (jodreyer@ruc.dk)

Advanced finance in innovative companies (BAL, BS, VL, VS)

time 16-03-2022 10:15 til
16-03-2022 12:00

location 25.1-020 - klynge (25)

Teacher Johannes Kabderian Dreyer (jodreyer@ruc.dk)

Advanced finance in innovative companies (BAL, BS, VL, VS)

time 23-03-2022 10:15 til
23-03-2022 12:00

location 25.1-020 - klynge (25)

Teacher Johannes Kabderian Dreyer (jodreyer@ruc.dk)

Advanced finance in innovative companies (BAL, BS, VL, VS)

time 30-03-2022 10:15 til
30-03-2022 12:00

location 25.1-020 - klynge (25)

Teacher Johannes Kabderian Dreyer (jodreyer@ruc.dk)

Advanced finance in innovative companies (BAL, BS, VL, VS)

time 06-04-2022 10:15 til
06-04-2022 12:00

location 25.1-020 - klynge (25)

Teacher Johannes Kabderian Dreyer (jodreyer@ruc.dk)

Advanced finance in innovative companies (BAL, BS, VL, VS)

time 20-04-2022 10:15 til
20-04-2022 12:00

location 25.1-020 - klynge (25)

Teacher Johannes Kabderian Dreyer (jodreyer@ruc.dk)

Advanced finance in innovative companies (BAL, BS, VL, VS)

time 27-04-2022 10:15 til
27-04-2022 12:00

forberedelsesnorm ikke valgt

forberedelsesnorm D-VIP ikke valgt

location 04.2-025 - teorirum (40)

Teacher Johannes Kabderian Dreyer (jodreyer@ruc.dk)

Advanced finance in innovative companies - exam (BAL, BS, VL, VS)

time 13-06-2022 09:00 til
13-06-2022 13:00

location 07.2-008 - undervisningslokale (120)

Advanced finance in innovative companies - reexam (BAL, BS, VL, VS)

time 09-08-2022 09:00 til
09-08-2022 13:00

location 07.2-008 - undervisningslokale (120)