



## COURSE SYLLABUS

# Advanced Research Methods in Supply Chain Management, 7.5 credits

*Advanced Research Methods in Supply Chain Management, 7,5 högskolepoäng*

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| <b>Course Code:</b> JARM26  | <b>Education Cycle:</b> Second-cycle level                             |
| <b>Confirmed by:</b> Council for Undergraduate and Masters Education Oct 23, 2015 | <b>Disciplinary domain:</b> Social sciences (70%) and technology (30%) |
| <b>Revised by:</b> Council for Undergraduate and Masters Education Mar 29, 2021   | <b>Subject group:</b> FE1  |
| <b>Valid From:</b> Aug 23, 2021   | <b>Specialised in:</b> A1N   |
| <b>Version:</b> 3   | <b>Main field of study:</b> Business Administration                    |

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## Intended Learning Outcomes (ILO)

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

### Knowledge and understanding

1. explain different perspectives and methods in business administration with emphasis on Supply Chain Management research
2. recognize frameworks/methods to research philosophy

### Skills and abilities

3. identify and formulate a research problem in Supply Chain Management
4. select an appropriate method for data collection and data analysis
5. collect relevant empirical material
6. asses qualitative and quantitative analysis by applying appropriate methods and techniques
7. develop a scientific report and present results

### Judgement and approach

8. evaluate an empirical study in terms of ethics
9. evaluate the possibilities and limitation of science/research
10. critically review literature in Supply Chain Management, including the use of concepts and Models

## Contents

The overall objective is to develop knowledge and understanding of scientific research methods in business administration and to provide skills to design and accomplish a research project in Supply Chain Management, performing analyses using qualitative and quantitative research methods and to communicate the results. Furthermore, the student should be able to reflect on research outcomes based on methodological and philosophical approaches.

The content reflects the various steps taken in a scientific investigation, such as:

- critically reviewing literature and relating it to the research project at hand,
- choosing a research strategy,
- considering ethical aspects of research strategy,
- defining sample/cases and applying quantitative and/or qualitative methods for collecting, expressing and analyzing empirical material,
- presenting the results, and,
- relating frameworks, methods and results to research philosophy.

During the course, students will produce a literature review, develop and carry out their own research projects, present a scientific report in Supply Chain Management and critically discuss the scientific contribution of other students.

### Connection to Research and Practice

The course focuses on the practical, methodological and philosophical implications, procedures and concepts of scientific research. The acquired skills and knowledge foster a deeper understanding of the scientific basis of the subsequent courses in the program, and strengthen academic study and writing skills. As future managers and knowledge workers, the course skills support a critical and reflective stance towards practice-relevant knowledge and procedures for generating insights into their work context.

### Type of instruction

The course includes lectures, seminars, group work, and presentations.

The teaching is conducted in English.

### Prerequisites

Bachelor's degree in Business Administration (i.e the equivalent of 180 credits at an accredited university)

### Examination and grades

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

ILOs are assessed through examination:

- Group literature review (ILO: 10) representing 1 credit
- Group research report (ILOs: 3, 4, 5, 6, 7, 8, 9) representing 1.5 credits
- Group quantitative analysis (ILOs: 6, 7) representing 1 credit
- Individual critical review (ILOs: 1, 2, 9) representing 4 credits

Registration of examination:

| Name of the Test                         | Value       | Grading        |
|--|-------------|----------------|
| Group literature review <sup>1</sup>     | 1 credit    | A/B/C/D/E/FX/F |
| Group research report <sup>1</sup>       | 1.5 credits | A/B/C/D/E/FX/F |
| Group quantitative analysis <sup>1</sup> | 1 credit    | A/B/C/D/E/FX/F |
| Individual critical review <sup>1</sup>  | 4 credits   | A/B/C/D/E/FX/F |

<sup>1</sup> All parts of compulsory examination in the course must be passed with a passing grade (A-E or Pass) before a final grade can be set.

The final grade of the course is determined by the sum total of points for all parts of examination in the course (0-100 points). Grade is set in accordance with JIBS grading policy

### **Course evaluation**

It is the responsibility of the Examiner to ensure that each course is evaluated. There must be course evaluators identified among the students. The evaluation is carried out continuously as well as at the end of the course, through a survey. After the course the course Examiner meets with student evaluators to discuss the survey results and possible improvements. A summary report is also created. The report is followed up by program directors and discussed with faculty and relevant others (e.g., Associate Dean of Education, Associate Dean of Faculty, Director of PhD Candidates, Dean, or Director of Studies). The next time the course runs, students should be informed of any measures taken to improve the course based on the previous course evaluation.

### **Other information**

#### Academic integrity

JIBS students are expected to maintain a strong academic integrity. This implies to behave within the boundaries of academic rules and expectations relating to all types of teaching and examination. Copying someone else's work is a particularly serious offence and can lead to disciplinary action. When you copy someone else's work, you are plagiarizing. You must not copy sections of work (such as paragraphs, diagrams, tables and words) from any other person, including another student or any other author. Cutting and pasting is a clear example of plagiarism. There is a workshop and online resources to assist you in not plagiarizing called the Interactive Anti-Plagiarism Guide. Other forms of breaking academic integrity include (but are not limited to) adding your name to a project you did not work on (or allowing someone to add their name), cheating on an examination, helping other students to cheat and submitting other students work as your own, and using non-allowed electronic equipment during an examination. All of these make you liable to disciplinary action.

### **Course literature**

Mandatory: Easterby-Smith, M., Jaspersen, L. J., Thorpe, R., & Valizade, D. (2021). *Management & Business Research (7th ed.)*. London: Sage.

Academic articles presented during the course (available electronically through university library)