

**FEDERAL STATE BUDGET EDUCATIONAL
INSTITUTION OF HIGHER EDUCATION
“LOMONOSOV MOSCOW STATE UNIVERSITY”**

FACULTY OF ECONOMICS

«APPROVED»

Dean of the Faculty of Economics, MSU

professor _____ A.A.Auzan

«__» _____ 2021

COURSE SYLLABUS

Course title:

RESEARCH METHODS IN MANAGEMENT

Level of higher education:

MASTER STUDIES

Field of study:

38.04.02. MANAGEMENT

Mode of study:

FULL-TIME

Course syllabus is considered and approved by
the Educational and Methodological Council of the Faculty of Economics
(minutes № _____, date)

Moscow 2021

The course syllabus is developed in accordance with the self-established MSU educational standard (ES MSU) for implemented main professional educational programs of higher education for Master's degree in the field of study 38.04.02. Management

ES MSU is approved by the decision of MSU Academic Council dated December 28, 2020, minutes №7

Year (years) of enrollment: 2021 and forthcoming

1. Place and status of the course in the structure of the Master program

Course status: *obligatory*

Trimester: 1

2. Course Prerequisites

This discipline is based on the knowledge and skills acquired as a result of studying following courses:

— Module 2 (General Part) ‘Statistics’, Admission Exam Program «International Business Management»

— Module 3 (General Part) ‘Management of the Organization’, Admission Exam Program «International Business Management».

3. Intended learning outcomes (ILO) of the course associated to the required competencies of the graduates

Competencies of graduates (codes)	Indicators of achievement of competencies	Intended learning outcomes of the course (module) associated to the required competencies of the graduates
UC-1. Capable of carrying out a critical analysis of problematic situations based on a systematic approach, developing a strategy of actions, formulating scientifically based hypotheses, applying the methodology of scientific knowledge in professional activity	UC-1.I-1. Analyzes the problem situation as an integral system, identifying its components and the connections between them	UC-1.I-1.K-1. Knows the methodology of setting a goal and determining ways to achieve it
		UC-1.I-1.A-1. Able to determine the essence of the problem situation and the stages of its resolution, taking into account variable contexts
		UC-1.I-1.A-2. Able to collect, systematize and critically analyze the information necessary to develop a strategy for resolving a problematic situation
	UC-1.I-2. Develops solutions to the problem situation based on a critical analysis of available information	UC-1.I-2.A-1. Able to assess the adequacy and reliability of information about a problem situation, to work with contradictory information from different sources
		UC-1.I-2.A-2. Able to find a solution to a problem situation based on actions, experiment and experience
		UC-1.I-2.A-3. Able to identify possible solutions to a problem situation based on the analysis of cause-and-effect relationships
UC-1.I-3. Develops a strategy of actions to solve a problem situation in the form of a sequence of steps, anticipating the result of	UC-1.I-3.A-1. Able to implement and argue the choice of a strategy to solve a problem situation, understanding the advantages and disadvantages of the chosen strategy	

	each of them	UC-1.I-3.A-2. Able to develop an action plan to solve a problem situation, identifying and evaluating the practical consequences of implementing actions to resolve a problem situation
GPC-2. Capable of applying modern techniques and methods of data collection, advanced methods of their processing and analysis, including the use of intelligent information and analytical systems, in solving management and research tasks	GPC-2.I-1. Effectively uses modern techniques and methods of data collection, advanced methods of their processing and analysis	GPC-2.I-1.A-1. Knows the main sources and methods of searching and collecting information
	GPC-2.I-2. Uses intelligent information and analytical systems in solving management and research tasks	GPC-2.I-1.A-1. Able to competently use advanced data analysis methods in accordance with the assigned research or management task
		GPC-2.I-2.A-1. Able to use information and analytical systems, find and analyze the necessary information in accordance with the task being solved

4. Workload of the course by types of activity

The workload of the discipline is 3 ECTS: 108 academic hours, including 52 academic hours of contact work with a professor, 56 academic hours of self-directed studies.

5. **Learning format:** full-time, with the use of educational platform On.Econ and distant learning technologies (Zoom)

6. **Content of the course structured by topics (sections) indicating the number of academic hours allocated to them and types of training**

Title and brief content of sections and topics of the course (module), Form of assessment for the course (module)	Total (hours)	Including							
		Contact work (work in contact with a professor) <i>Types of contact work, hours</i>			Student self-directed studies <i>Types of self-directed studies, hours</i>				
		Seminars	Group consultations	Individual consultations	Total	Home assignments	Written examination	Total	

Topic 1. Management concepts and paradigms	16	4	-	4	8	6	2	8
Topic 2. Research topics in management. Sources selection for the preparation of the theoretical basis of the study	16	4	-	4	8	6	2	8
Topic 3. Theoretical foundations of research, hypotheses and variables	16	4	-	4	8	6	2	8
Topic 4. Quantitative research methods	16	4	-	4	8	6	2	8
Topic 5. Qualitative research methods	16	4	-	4	8	6	2	8
Topic 6. Brief introduction to statistical analysis using SPSS	16	4	-	4	8	6	2	8
Midterm assessment (control): — <i>Written examination</i>	12	4	-	-	4	-	8	8
Total	108	28	-	24	52	36	20	56

Brief content of the course topics

Topic 1. Management concepts and paradigms.

Development stages of management views. Conceptual foundations of management. Conditions for the emergence and development of management representation systems (paradigms). The relationship between management paradigms and management concepts. Opportunities and limitations of management research.

Main Literature:

- Barney, J. B., & Zhang, S. (2009). The future of Chinese management research: A theory of Chinese management versus a Chinese theory of management. *Management and Organization Review*, 5(1), 15-28.
- Cheng, B. S., Wang, A. C., & Huang, M. P. (2009). The road more popular versus the road less travelled: An 'insider's' perspective of advancing Chinese management research. *Management and Organization Review*, 5(1), 91-105.

Topic 2. Research topics in management. Sources selection for the preparation of the theoretical basis of the study.

Types of research. Requirements for research work. Research problem formulation. Source requirements for the preparation of the theoretical basis of the study.

Main Literature:

- Baker, M. J. (2000). Writing a literature review. *The Marketing Review*, 1(2), 219-247.

Topic 3. Theoretical foundations of research, hypotheses and variables.

Requirements for the theoretical basis of research. Structure and content of the theoretical part of research. Research issue, questions and hypotheses. Types of hypotheses. Requirements for the formulation of hypotheses. Concept of a variable. Types of variables. Selection of research methods research design.

Main Literature:

- Tharenou, P., Donohue, R., & Cooper, B. (2007). Management research methods. New York: Cambridge University Press.
 - Chapter 1 “The research process” (pp. 3-29)
- Gill, J., & Johnson, P. (2002). Research methods for managers. London: Sage.
 - Chapter 3 “The Role of Theory in Research Methods” (pp. 28-46)

Topic 4. Quantitative research methods.

Types of quantitative research methods. Experiment. Poll. Requirements for research tools. Research tool design. Search and selection of sources for the development of a research tool. Possibilities and limitations of quantitative research methods.

Main Literature:

- Farh, J. L., Cannella, A. A., & Lee, C. (2006). Approaches to scale development in Chinese management research. *Management and Organization Review*, 2(3), 301-318.
- Tharenou, P., Donohue, R., & Cooper, B. (2007). Management research methods. New York: Cambridge University Press.
 - Chapter 2 “Experimental and quasi-experimental designs” (pp. 33-44)
 - Chapter 3 “Correlational field study (survey) designs” (pp. 45-71)
 - Chapter 6 “Asking questions: Questionnaires and interviews” (pp. 101-122)

Topic 5. Qualitative research methods.

Types of qualitative research methods. Interview. Individual and group in-depth interviews. Preparation for an interview. Observation. Processing and analysis of interview results. Possibilities and limitations of qualitative research methods.

Main Literature:

- Tharenou, P., Donohue, R., & Cooper, B. (2007). Management research methods. New York: Cambridge University Press.
 - Chapter 4 “Case study research designs” (pp. 72-87)
- Weiss, R. S. (1995). Learning from strangers: The art and method of qualitative interview studies. New York: Simon and Schuster:
 - Chapter 4 “Interviewing” (pp. 66-135)
 - Chapter 6 “Analysis of data” (pp. 165-194)

Topic 6. Brief introduction to statistical analysis using SPSS.

Basic concepts of statistical analysis. Statistical data processing methods. Statistical hypotheses and significance. Interpretation of the results of statistical

analysis. Practical exercise in data processing and statistical analysis. Presentation of research results.

Main Literature:

- Tharenou, P., Donohue, R., & Cooper, B. (2007). Management research methods. New York: Cambridge University Press.
 - Chapter 13 “Writing up a quantitative or qualitative project” (pp. 275-315)

Course Literature:

- Tharenou, P., Donohue, R., & Cooper, B. (2007). Management research methods. New York: Cambridge University Press. – 338 p.
- Gill, J., & Johnson, P. (2002). Research methods for managers. London: Sage Publications. – 234 p.

Additional Literature:

- Baker, M. J. (2000). Writing a literature review. *The Marketing Review*, 1(2), 219-247.
- Barney, J. B., & Zhang, S. (2009). The future of Chinese management research: A theory of Chinese management versus a Chinese theory of management. *Management and Organization Review*, 5(1), 15-28.
- Cheng, B. S., Wang, A. C., & Huang, M. P. (2009). The road more popular versus the road less travelled: An ‘insider’s’ perspective of advancing Chinese management research. *Management and Organization Review*, 5(1), 91-105.
- Farh, J. L., Cannella, A. A., & Lee, C. (2006). Approaches to scale development in Chinese management research. *Management and Organization Review*, 2(3), 301-318.
- Weiss, R. S. (1995). Learning from strangers: The art and method of qualitative interview studies. New York: Simon and Schuster. – 265 p.

7. Assessment tools to assess the course learning outcomes

7.1. Sample assessment tools:

Learning outcomes of the course	Types of assessment tools
UC-1.I-1.K-1. Knows the methodology of setting a goal and determining ways to achieve it	<ul style="list-style-type: none"> • Home assignments • Written examination
UC-1.I-1.A-1. Able to determine the essence of the problem situation and the stages of its resolution, taking into account variable contexts	<ul style="list-style-type: none"> • Home assignments
UC-1.I-1.A-2. Able to collect, systematize and critically analyze the information necessary to develop a strategy for resolving a problematic situation	<ul style="list-style-type: none"> • Home assignments
UC-1.I-2.A-1. Able to assess the adequacy and reliability of information about a problem situation, to work with contradictory information from different sources	<ul style="list-style-type: none"> • Home assignments
UK-1.I-2.A-2. Able to find a solution to a problem situation based on actions, experiment and experience	<ul style="list-style-type: none"> • Home assignments

UC-1.I-2.A-3. Able to identify possible solutions to a problem situation based on the analysis of cause-and-effect relationships	<ul style="list-style-type: none"> • Home assignments
UC-1.I-3.A-1. Able to implement and argue the choice of a strategy to solve a problem situation, understanding the advantages and disadvantages of the chosen strategy	<ul style="list-style-type: none"> • Home assignments
UC-1.I-3.A-2. Able to develop an action plan to solve a problem situation, identifying and evaluating the practical consequences of implementing actions to resolve a problem situation	<ul style="list-style-type: none"> • Home assignments
GPC-2.I-1.A-1. Knows the main sources and methods of searching and collecting information	<ul style="list-style-type: none"> • Home assignments • Written examination
GPC-2.I-1.A-1. Able to competently use advanced data analysis methods in accordance with the assigned research or management task	<ul style="list-style-type: none"> • Home assignments
GPC-2.I-2.A-1. Able to use information and analytical systems, find and analyze the necessary information in accordance with the task being solved	<ul style="list-style-type: none"> • Home assignments

7.2. Course assessment criteria (scores):

Types of assessment tools	Score
Home assignments (6x20)	120
Written examination	30
Total	150

7.3. Grade for the course is determined based on the following criteria:

Grade	Minimum score	Maximum score
<i>Excellent</i>	127,5	150,0
<i>Good</i>	97,5	127,0
<i>Satisfactory</i>	60,0	97,0
<i>Failed</i>	0,0	59,5

Note: in case a student's score obtained during the trimester is less than 20% of the maximum score of the discipline, the following rule of passing the course should be applied at the midterm assessment (and further re-examination): 'a student can obtain only a satisfactory mark and only in case she/he receives for the midterm assessment, including all the course material, no less than 85% of the score allocated to this assessment'.

7.4. Typical tasks and other materials necessary to assess the learning outcomes:

— *Home assignments*

Sample home assignment “Literature search”

Below you will find four concepts related to management. Find a seminal work on each of these concepts (a paper or a book that first introduced the concept). Write its title, its author and the year when it was published in the space provided below.

Concept	Title of the paper / book where it was first introduced	Author	Year
Spiritual leadership			
Stakeholder theory			
Positive psychological capital			
Teal organization			

— *Written examination*

Sample test question:

Cramér's V is:

- A. A test for equality of variances
- B. A non-parametric test used to compare differences between two independent groups
- C. A measure of association between two nominal variables used in cross-tabulation
- D. A test for normality of the distribution

7.5. Methodological guidelines and assignment requirements:

All assignments must be completed in strict accordance with the requirements set out at the course page at the educational platform On.Econ.

8. Resources

8.1. List of main and additional literature

Main Literature:

1. Tharenou, P., Donohue, R., & Cooper, B. (2007). Management research methods. New York: Cambridge University Press. – 338 c.
2. Gill, J., & Johnson, P. (2002). Research methods for managers. London: Sage Publications. – 234 c.

Additional Literature:

1. Baker, M. J. (2000). Writing a literature review. *The Marketing Review*, 1(2), 219-247.
2. Barney, J. B., & Zhang, S. (2009). The future of Chinese management research: A theory of Chinese management versus a Chinese theory of management. *Management and Organization Review*, 5(1), 15-28.
3. Cheng, B. S., Wang, A. C., & Huang, M. P. (2009). The road more popular versus the road less travelled: An 'insider's' perspective of advancing Chinese management research. *Management and Organization Review*, 5(1), 91-105.
4. Farh, J. L., Cannella, A. A., & Lee, C. (2006). Approaches to scale development in Chinese management research. *Management and Organization Review*, 2(3), 301-318.
5. Weiss, R. S. (1995). *Learning from strangers: The art and method of qualitative interview studies*. New York: Simon and Schuster. – 265 p.

8.2. List of licensed software

Package of Software 'Microsoft Office'.

8.3. List of professional databases and information referral systems

Institutional subscription resources of the Faculty of Economics, MSU: https://www.econ.msu.ru/elibrary/is/inst_subs/

8.4. List of Internet resources (if necessary)

- <https://apps.webofknowledge.com>
- <https://www.scopus.com>
- <https://elibrary.ru>
- <https://scholar.google.com>
- <http://www.aom.org>.
- <http://vestnikmckinsey.ru>

8.5. Description of material and technical support

For the appropriate organization of classes, the following equipment is needed:

- 'ON.ECON' electronic educational information environment of the Faculty of Economics, Lomonosov Moscow State University
- multimedia class with a video projector, Internet access
- Institutional subscription resources of the Faculty of Economics, MSU.

9. Language of instruction: *English*

10. Professors: PhD in Economics, Petrovskaya I.A.

11. Syllabus authors: PhD in Economics, Petrovskaya I.A.