



COURSE DATA

DATA SUBJECT

Code: 44849

Name: Basic intervention methods and evaluation

Cycle: Master's Degree

ECTS Credits: 4

Academic year: 2025-26

STUDY (S)

Degree	Center	Acad. year	Period
2235 - Master's degree Erasmus Mundus on Work, Organizational and Personnel Psycho	Facultat de Psicologia i Logopèdia	2	First quarter

SUBJECT-MATTER

Degree	Subject-matter	Character
2235 - Master's degree Erasmus Mundus on Work, Organizational and Personnel Psycho	Methodology. Introduction to intervention	COMPULSORY

COORDINATION

GONZALEZ ROMA VICENTE

HERNANDEZ BAEZA ANA MARIA

SUMMARY

The purpose of this course is to learn the procedures to implement and evaluate rigorously interventions in Work, Organizational and Personnel Psychology (WOP-P). It aims the learning of methodological techniques, procedures, and approaches to be used in these interventions.

After reviewing the main concepts and intervention approaches, the course focuses on action research, which integrates general and local knowledge as well as the views of all relevant stakeholders. It covers qualitative techniques for data collection such as semi-structured interviews and focus groups, and quasi-experimental designs for intervention evaluation. In this last case, attention is paid to the moderating role of culture in multinational firms.

PREVIOUS KNOWLEDGE

RELATIONSHIP TO OTHER SUBJECTS OF THE SAME DEGREE

There are no specified enrollment restrictions with other subjects of the curriculum.



OTHER REQUIREMENTS

This course assumes that graduated students have a working knowledge of basic statistics, including descriptive statistics (central tendency, variability), and covariance, correlation and simple regression.

COMPETENCES / LEARNING OUTCOMES

2235 - Master's degree Erasmus Mundus on Work, Organizational and Personnel Psycho

Que los estudiantes sean capaces de elaborar informes en el contexto de la psicología del trabajo, de las organizaciones y de los recursos humanos.

Que los estudiantes sean capaces de evaluar criterios de rendimiento, bienestar y relaciones sociales en el contexto de la psicología del trabajo, de las organizaciones y de los recursos humanos.

Que los estudiantes sean capaces de evaluar la efectividad de las intervenciones en el contexto de la psicología del trabajo, de las organizaciones y de los recursos humanos.

Que los estudiantes sean capaces de planificar la evaluación de programas e intervenciones en el contexto de la psicología del trabajo, de las organizaciones y de los recursos humanos.

Que los estudiantes sean capaces de proporcionar retroalimentación a diferentes actores en el contexto de la psicología del trabajo, de las organizaciones y de los recursos humanos.

Students should apply acquired knowledge to solve problems in unfamiliar contexts within their field of study, including multidisciplinary scenarios.

Students should be able to integrate knowledge and address the complexity of making informed judgments based on incomplete or limited information, including reflections on the social and ethical responsibilities associated with the application of their knowledge and judgments.

Students should communicate conclusions and underlying knowledge clearly and unambiguously to both specialized and non-specialized audiences.

Students should demonstrate self-directed learning skills for continued academic growth.

Students should possess and understand foundational knowledge that enables original thinking and research in the field.

DESCRIPTION OF CONTENTS

This course develops knowledge and skills in methodologies involved in intervention processes in different areas of the discipline (e.g., design and use of interviews, focus groups, evaluation design). Specifically, it is divided into two parts:



Part I. Action Research and Intervention in Organizations

1. Origins of the Action Research Approach
2. Principles and Assumptions
3. Phases: Information Gathering, Planning, Implementation, and Evaluation
4. Methods and Techniques of the Action Research Approach
5. Action Research in Practice: Problems, Advantages, and Limitations
6. Development of an Action Research Project: Initial Diagnosis and Intervention Plan

Part II. Quasi-Experimental Designs for Intervention Evaluation

1. Introduction to Quasi-Experimental Designs
2. The Validity of Quasi-Experimental Designs: Internal and External Validity, Causality
3. Quasi-Experimental Strategies and Designs in Intervention Evaluation
4. Designs Ex post facto: retrospective and prospective designs.
5. Advantages and limitations of different designs
6. Communication of evaluation results.

WORKLOAD

PRESENCIAL ACTIVITIES

Activity	Hours
Theory	40,00
Total hours	40,00

NON PRESENCIAL ACTIVITIES

Activity	Hours
Attendance at other activities	5,00
Individual or group project	15,00
Independent study and work	10,00
Preparation of lessons	10,00



Preparation for assessment activities	10,00
Resolution of case studies	10,00
Total hours	60,00

TEACHING METHODOLOGY

- Master classes.
- Oral presentations by students.
- Readings.
- Case studies.
- Guided individual and/or group exercises
- Individual and/or group tutorials

EVALUATION

Students will be evaluated on a scale of 0 to 10. The following sections are considered:

- Portfolio preparation, compiling the various results related to student activities during a specific course or training activity, as well as evidence of the skills developed. 20%
- Quality of student oral presentations. 10%
- Preparation of assignments for the integration of knowledge or for the analysis of a relevant topic. 30%
- Critical analysis of articles and other materials. 10%
- Critical analysis of case studies. 10%
- Solving specific exercises (e.g., statistical analysis). 20%

Additional considerations:

Cheating or plagiarism of any assessment assignment will result in the inability to pass the course.

REFERENCES

- Argyris, C., Putman, R. & Smith, D. M. (1985). *Action Science*. San Francisco: Jossey Bass.
- Aussems, M.E.; Boomsma, A. & Snijders, T.A.B (2009) The use of quasi-experiments in the social sciences:a content analysis; Quality and Quantity
- Bruce, R. & Wyman, S. (1998). *Changing organization: practicing action training and research*. Thousand Oaks, CA: Sage.
- Cook, T.D. & Campbell, D.T. (1979). *Quasi-experimentation: Design and analysis issues for field settings*. Chicago, IL: Rand McNally.
- Mertler, C.A. & Vannatta, R.A. (2010). *Advanced and Multivariate Statistical Methods 4th Edition, (Chapter 5 on ANCOVA)*. Pyrczak Publishing.
- Creswell, J. W. (2003). *Research Design: Qualitative, Quantitative, and Mixed Methods Approaches (2^o ed.)* London: SAGE Publishers.
- Fitz-Gibbon, & Morris, L.L. (1987). *How to design a program evaluation*. Newbury Park, CA: Sage.



- Grant, A.M. & Wall, T.D. (2009) The Neglected Science and Art of Quasi-Experimentation: Why-to, When-to, and How-to Advice for Organizational Researchers. *Organizational Research Methods*, 12, 653-686.
- Griffiths A. (1999). Organizational interventions: facing the limits of the natural science paradigm. *Scand J Work Environ Health*, 25, 589-96.
- Lewin, K. (1946). Action Research and Minority Problems. *Journal of Social Issues*, 2, 34-46.
- McNiff, J. (1991). *Action research: principles and practice*. London: Routledge
- Navarro, D. J. & Foxcroft, D. R. (2019). Learning statistics with Jamovi: A tutorial for psychology students and other beginners. DOI: 10.24384/hgc3-7p15
- Pedhazur, E. & Pedhazur, L. (1991). *Measurement, Design and Analysis: An integrated approach*. Lawrence Erlbaum Associates.
- Posavac, E. J. (1992). *Program evaluation: methods and case studies*. Englewood Cliffs, NJ: Prentice Hall.
- Ramos-Álvarez, M.; Valdés-Conroy, B & Catena, A. (2008) Criteria of the peer-review process for publication of experimental and quasi-experimental research in Psychology- A guide for creating research papers. *International Journal of Clinical and Health Psychology*, 8, 751-764.
- Shadish, W. Cook, T. & Campbell, D. (2002). *Experimental and quasi-experimentation design for generalized causal inference*. Boston: Houghton Mifflin.
- Stone-Romero, E. F. (2011). Research strategies in industrial and organizational psychology: Nonexperimental, quasi-experimental, and randomized experimental research in special purpose and nonspecial purpose settings. In S. Zedeck (Ed.), *APA Handbooks in Psychology. APA handbook of industrial and organizational psychology, Vol. 1. Building and developing the organization* (pp. 37-72). Washington, DC, US: American Psychological Association
- Stringer, E. T. (1996). *Action research: a handbook for practitioners*. Thousand Oaks, CA: Sage.