



Universitat de Lleida

DEGREE CURRICULUM
**RESEARCH METHODS IN
PSYCHOLOGY**

Coordination: NAVARRO GONZALEZ, DAVID

Academic year 2023-24

Subject's general information

Subject name	RESEARCH METHODS IN PSYCHOLOGY			
Code	102910			
Semester	1st Q(SEMESTER) CONTINUED EVALUATION			
Typology	Degree	Course	Character	Modality
	Bachelor's Degree in Psychology	1	COMPULSORY	Attendance-based
Course number of credits (ECTS)	6			
Type of activity, credits, and groups	Activity type	PRAULA		TEORIA
	Number of credits	1.8		4.2
	Number of groups	2		1
Coordination	NAVARRO GONZALEZ, DAVID			
Department	PSYCHOLOGY, SOCIOLOGY AND SOCIAL WORK			
Teaching load distribution between lectures and independent student work	Training activity Hours allocated Face-to-face 1 Master classes 35 100% 2 Practical classes 15 100% 3 Individual / group tutorials 10 100% 6 Reading and analysis of texts 25 0% 7 Preparation of group works / reports 30 30% 9 Oral presentations 5 100% 14 Study and preparation classes and tests 30 0% 150			
Important information on data processing	Consult this link for more information.			
Language	Master classes: Catalan/Spanish Bibliography and digital content: English/Spanish			

Teaching staff	E-mail addresses	Credits taught by teacher	Office and hour of attention
NAVARRO GONZALEZ, DAVID		7,8	

Learning objectives

Learning outcomes:

1. Understand why Psychology is a science in the field of Health Sciences.
2. Understand the paradigmatic change implied by Psychology based on scientific evidence.
3. Know the objectives, requirements and steps of the scientific method.
4. Understand the differences between experimental, quasi-experimental and pre-experimental designs.
5. Know in detail the process of scientific research.
6. Be able to perform a systematic review of scientific evidence.
7. Develop strategies and resources to filter scientific information, based on reliable and rigorous data sources.
8. Associate the main control methods and techniques in scientific research in the appropriate scenario.
9. Design basic research applying appropriate control mechanisms.
10. Design basic research applying the appropriate design according to the objectives to be achieved and the characteristics of both the sample and the variables involved.
11. Establish correct data collection strategies for a subsequent adequate data analysis, depending on the chosen design.
12. Apply a quality filter to a data record and properly communicate the description of this data.

Competences

Skills:

Basic skills

CB2 Apply their knowledge to their work or vocation in a professional way and possess the competencies that are usually demonstrated through the elaboration and defense of arguments and the resolution of problems within their area of study.

CB3 Ability to gather and interpret relevant data (usually within its area of study) to issue judgments that reflect on relevant issues of a social, scientific or ethical nature.

CB4 Power to convey information, ideas, problems and solutions to both specialized and non-specialized audiences.

General Competences

CG1 Develop the necessary professional skills, adapt to new situations and solve problems derived from the

profession of psychologist.

CG2 Be able to work in multidisciplinary teams and collaborate efficiently with other professionals.

CG3 Show abilities for interpersonal relationships.

CG5 Demonstrate critical capacity to make relevant decisions.

CG6 Have critical capacity for making relevant decisions and making referrals to other professionals when appropriate.

CG7 Identify the needs and demands of the recipients and communicate adequately the results derived from the diagnosis carried out.

CG8 Develop and keep up to date the own competencies, abilities and knowledge according to the standards of the profession of psychologist.

CG10 Respect the fundamental rights of equality between men and women, the promotion of Human Rights and the values of a culture of peace and democratic values.

Specific Competences

CE1 Identify and analyze the characteristics and needs of people, groups and organizations, as well as relevant contexts for the requested service.

CE2 Plan the evaluation of psychological programs and / or interventions, selecting the appropriate indicators and techniques.

CE3 Apply the information gathering techniques, obtain relevant data for the evaluation of programs and / or psychological interventions.

CE6 Respond and act appropriately and professionally, taking into account the attitudes and values of the profession, as well as its ethical and ethical code, in each and every one of the intervention processes.

CE7 Provide information to users and establish an appropriate interpersonal relationship, taking into account the different contexts of professional relationship.

CE8 Prepare technical reports, oral and written, about the results of the process of evaluation, research or services demanded, respecting the ethical commitment that demands the dissemination of psychological knowledge.

CE9 Use the different documentary sources in psychology, show a mastery of the strategies necessary to access information and assess the need for documentary update.

CE10 Manage, analyze and interpret data in the frameworks of disciplinary knowledge typical of the different fields of psychology.

CE11 Making decisions critically about the choice, application and interpretation of the results derived from the different methods of psychological research.

CE12 Disseminate knowledge derived from the theoretical reviews and the results of psychological research.

Transversal Competences:

CT1 Acquire adequate oral and written comprehension and expression of Catalan and Spanish.

CT3 Acquire training in the use of new technologies and information and communication technologies.

CT5 Acquire essential notions of scientific thought.

Subject contents

1. Psychology as a science.
2. Evidence-based psychology.
3. The process of systematic review of scientific evidence.
4. The Scientific Method. Quantitative vs. Qualitative Methodologies.
5. Planning an investigation.
6. Experimental Designs.
7. Quasi-experimental designs and pre-experimental designs.
8. Techniques and resources for the collection and initial processing of data from an investigation.
9. Data visualization and quality control.

Methodology

- Master classes
- Practical classes
- Written works
- Problem-based learning (ABP)

Development plan

Training activities:

Formative activity	Target hours	Attendance
1 Master Classes face to face	35	100%
2 Classes average classroom groups	15	100%
3 Individual / group tutorials	10	100%
6 Reading and analysis of texts	25	0%
7 Preparation of work / individual / group reports	35	30%
9 Oral group presentation	5	100%
14 Study and preparation of classes and evaluation tests	30	0%

Evaluation

Face-to-face tests	% grade	Teacher	Week
1. Written test	50	D. Navarro	16-17
2. Practical test	20	D. Navarro	16-17
3. Practical activities	20	D. Navarro	~3, 6, 10, 14
4. Group oral presentation	10	D. Navarro	13-15
Alternative assessment (% grade)	1 (70%) + directed individual work (30%)		
*Attitude in class -in positive and negative- modulates notes individually and in group.			

Bibliography

Bibliografía básica:

Ato, M.; López, J.J.; Benavente, A. Un sistema de clasificación de los diseños de investigación en psicología. *Anales de Psicología*, vol. 29, núm. 3, octubre, 2013, pp. 1038-1059.
<http://dx.doi.org/10.6018/analesps.29.3.178511>

Portell Vidal, Mariona; Vives Brosa, Jaume. *Introducció als dissenys experimentals, quasiexperimentals i ex post facto*. (2014) Col·lecció i núm: Materials 229 ISBN (paper): 978-84-490-4284-3. PVP: 16 €; ISBN (ebook): 978-84-490-4850-0. PVP: 7,99 €. Format: pdf.

Bibliografía general:

Hernandez Samperi, R., Fernandez Collado, C; i Baptista Lucio, P. *METODOLOGÍA DE LA INVESTIGACIÓN* Quinta edición. Madrid: McGrawHill. 2010. ISBN: 978-607-15-0291-9

Fontes, S., García, C., Garriga, A. J. Perez-Llantada, M. C., y Sarriá, E. (2001). *Diseños de investigación en Psicología*. Madrid: UNED.

García Gallego C. [et al.] (2004). *Diseños de investigación en Psicología. Cuaderno de prácticas*. Madrid: Universidad Nacional de Educación a Distancia.

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