

**FITXA IDENTIFICATIVA****DADES DE L'ASSIGNATURA**

Codi: 46450
Nom: Estadística i Metodologia de la Recerca
Cicle: Màster Universitari Oficial
Crèdits ECTS: 8
Curs acadèmic: 2025-26

TITULACIONS

Titulació	Centre	Curs	Període
2248 - International Joint Research Master Work and Organizational Psychology	Facultat de Psicologia i Logopèdia	1	Primer quadrimestre

MATÈRIES

Titulació	Matèria	Caràcter
2248 - International Joint Research Master Work and Organizational Psychology	Statistics and research methodology	OBLIGATÒRIA

COORDINACIÓ**RESUM**

This course is taught at Maastricht University during the first semester at the first academic year.

Prof. Anika Nubold and prof. Bram Fleuren are the coordinator lecturers.

Students will learn the basic methodological and statistical skills to conduct empirical research.

Students will learn how to plan and evaluate a research study, including choosing a research question and corresponding methodological design and creating questionnaires/measurement instruments and the corresponding documentation. They also learn how to get started with statistical analysis software (SPSS, Mplus), once data has been collected (data entry, recoding, computing scales, reliabilities, descriptive statistics, restructuring data for multilevel analyses). This course will also cover basic as well as more advanced statistical analyses, such as T-tests, ANOVA, ANCOVA, and RM-ANOVA, regression analysis, multilevel analysis, as well as coding of qualitative data.

CONEIXEMENTS PREVIS**RELACIÓ AMB ALTRES ASSIGNATURES DE LA MATEIXA TITULACIÓ**



No s'ha especificat restriccions de matrícula amb altres assignatures del pla d'estudis.

ALTRES TIPUS DE REQUISITS

Sense requisits prèvis.

COMPETÈNCIES / RESULTATS D' APRENENTATGE

2248 - International Joint Research Master Work and Organizational Psychology

Be able to communicate effectively in English, both orally (group discussions, presentations) and in writing, on topics related to work and organisational psychology.

Be able to communicate scientific theories and empirical results in an understandable manner, to both professionals (experts and non-experts) and lay audiences (including clients).

Be able to make a critical assessment of a research question and an experimental design, taking into account the ethical responsibilities in research.

Be able to read, understand, integrate and critically reflect on scientific communications, professional reports and new developments.

Be able to work in an international team.

DESCRIPCIÓ DE CONTINGUTS

1. Paraules Clau

Metodologia
Estadística
Dissenys experimentals
Investigació d'enquestes

VOLUM DE TREBALL (HORES)

ACTIVITATS PRESENCIALS

Activitat	Hores
Teoria-Pràctiques	80,00
Total hores	80,00

ACTIVITATS NO PRESENCIALS

Activitat	Hores
Estudi i treball autònom	120,00



Total hores	120,00
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METODOLOGIA DOCENT

Assignment(s),

Lecture(s),

Problem-Based Learning

AVALUACIÓ

Assignment,

Written exam

BIBLIOGRAFIA