

**FITXA IDENTIFICATIVA****Dades de l'Assignatura**

Codi	46450
Nom	Statistics and research methodology
Cicle	Màster
Crèdits ECTS	8.0
Curs acadèmic	2024 - 2025

Titulació/titulacions

Titulació	Centre	Curs	Període
2248 - Internati. Joint Research Master Work&Organizat.	Facultat de Psicologia i Logopèdia	1	Primer quadrimestre

Matèries

Titulació	Matèria	Caràcter
2248 - Internati. Joint Research Master Work&Organizat.	6 - Statistics and research methodology	Obligatòria

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.



CONEXEMENTS PREVIS

Relació amb altres assignatures de la mateixa titulació

No heu especificat les restriccions de matrícula amb altres assignatures del pla d'estudis.

Altres tipus de requisits

Sense requisits previs.

Students are able to:

- understand and critically analyse the methodological design of experimental and survey research in Work and Organizational Psychology;
- design questionnaires / measurement scales with documentation;
- create documentation;
- prepare data for statistical analysis;
- apply basic and more advanced statistical techniques
- apply basic and more advanced statistical techniques

DESCRIPCIÓ DE CONTINGUTS

1. Paraules Clau

Metodologia

Estadística

Dissenys experimentals

Investigació d'enquestes



VOLUM DE TREBALL

ACTIVITAT	Hores	% Presencial
Classes teoricopràctiques	80,00	100
Estudi i treball autònom	120,00	0
TOTAL	200,00	

METODOLOGIA DOCENT

Assignment(s),

Lecture(s),

Problem-Based Learning

AVALUACIÓ

Assignment,

Written exam

REFERÈNCIES