COURSE DETAIL

PSYCHOLOGICAL STATISTICS

Country
Taiwan

Host Institution
National Taiwan University

Program(s)
National Taiwan University

UCEAP Course Level
Lower Division

UCEAP Subject Area(s)
Psychology

UCEAP Course Number
17

UCEAP Course Suffix
A

UCEAP Official Title
PSYCHOLOGICAL STATISTICS

UCEAP Transcript Title
PSYCH STATISTICS

UCEAP Quarter Units
4.50

UCEAP Semester Units

3.00

Course Description

This is the first course, in a two-semester course series, designed primarily for undergraduate psychology majors or minors who anticipate future applications of statistical methods. Topics covered in this course include an overview of descriptive statistics, foundational concepts in inferential statistics (probability, population, sample, sampling methods, sampling distributions, estimation of population parameters, binomial, normal, t, and F distributions), hypothesis significance testing (Type I and II errors, statistical power), and comparisons of means (t-tests, oneway analysis of variance, multiple comparisons of means, and effect sizes).

Course prerequisite: Mastery of algebra and analytical geometry at the high-school level.

Language(s) of Instruction
English

Host Institution Course Number
Psy1013

Host Institution Course Title
PSYCHOLOGICAL STATISTICS (I)

Host Institution Course Details
https://nol.ntu.edu.tw/nol/coursesearch/print_table.php?course_id=207%2012301&c...

Host Institution Campus

Host Institution Faculty
College of Science

Host Institution Degree

Host Institution Department

Department of Psychology

Course Last Reviewed
2024-2025

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