

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

Host Institution Campus

Host Institution Faculty

College of Science

Host Institution Degree

Host Institution Department

Department of Psychology

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