COURSE DETAIL

INTRODUCTION TO STATISTICS

Country
Taiwan

Host Institution
National Taiwan University

Program(s)
National Taiwan University

UCEAP Course Level
Lower Division

UCEAP Subject Area(s)
Mathematics

UCEAP Course Number
10

UCEAP Course Suffix

UCEAP Official Title
INTRODUCTION TO STATISTICS

UCEAP Transcript Title
INTRO STATISTICS

UCEAP Quarter Units
4.50

UCEAP Semester Units
3.00

Course Description

This course addresses exploratory data analysis and graphs such as histograms, stem plots, measures of center and spread of a distribution, normal distribution, scatter plots, least squares regression (correlation), producing data (design of experiments, sampling design), probability (probability rules, random variables, probability distributions), and statistical inference (confidence intervals, tests of significance, nonparametric methods, categorical or count data).

Language(s) of Instruction
English

Host Institution Course Number
MATH2601

Host Institution Course Title
INTRODUCTION TO STATISTICS

Host Institution Campus

Host Institution Faculty
Science

Host Institution Degree

Host Institution Department
Mathematics

Print