

MATH 1033 THINKING ABOUT DATA

Credit Points 10

Legacy Code 301108

Coordinator Franco Ubaudi ([https://directory.westernsydney.edu.au/search/name/Franco Ubaudi/](https://directory.westernsydney.edu.au/search/name/Franco%20Ubaudi/))

Description This subject covers basic concepts of data centric thinking. The main areas discussed are; Populations and Samples; Sampling concepts; Types of Data; Descriptive Methods; Estimation and Inference; Modelling. The subject takes a computational and nonparametric approach, before briefly discussing theoretical concepts and distribution theory.

School Computer, Data & Math Sciences

Discipline Statistics

Student Contribution Band HECS Band 2 10cp

Check your HECS Band contribution amount via the Fees (https://www.westernsydney.edu.au/currentstudents/current_students/fees/) page.

Level Undergraduate Level 1 subject

Equivalent Subjects COMP 1014 Thinking About Data

Assumed Knowledge

2 Unit High School Mathematics.

Assessment

The following table summarises the standard assessment tasks for this subject. Please note this is a guide only. Assessment tasks are regularly updated, where there is a difference your Learning Guide takes precedence.

| Type | Length | Percent | Threshold | Individual/ Group Task |
|----------------|---------------------------------------|---------|-----------|---------------------------|
| Online Quizzes | 5x 30 min | 20 | N | Individual |
| Computer Test | Lab based 1 hour practical test | 40 | N | Individual |
| Assignment | 3 weeks/ approx. 2000 words | 40 | N | Individual |

Teaching Periods