

COURSE DETAIL

SCIENCE: GOOD, BAD, AND BOGUS

Country

New Zealand

Host Institution

University of Canterbury

Program(s)

University of Canterbury

UCEAP Course Level

Lower Division

UCEAP Subject Area(s)

Philosophy

UCEAP Course Number

21

UCEAP Course Suffix**UCEAP Official Title**

SCIENCE: GOOD, BAD, AND BOGUS

UCEAP Transcript Title

SCIENCE: GOOD & BAD

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course examines principles to tell science from pseudo-science, truth from falsehood, logic from rhetoric, sound reasoning from wishful thinking, effective medicine from quackery, and good evidence from lies, fraud and fakery. Topics covered include the fallibility of the senses, the fallibility of memory, the placebo effect, the tricks of the cold reader's trade, confirmation bias, the Barnum effect, relativism, mind viruses, the basics of logic, formal and informal fallacies, and the scientific evaluation of competing hypotheses.

Language(s) of Instruction

English

Host Institution Course Number

PHIL110

Host Institution Course Title

SCIENCE: GOOD, BAD, AND BOGUS

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

[Print](#)