

COURSE DETAIL

BIOLOGY EXPERIMENTAL DESIGN AND ANALYSIS

Country

Australia

Host Institution

University of Sydney

Program(s)

University of Sydney

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Biological Sciences

UCEAP Course Number

124

UCEAP Course Suffix**UCEAP Official Title**

BIOLOGY EXPERIMENTAL DESIGN AND ANALYSIS

UCEAP Transcript Title

BIO EXPERIMENTL DES

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course provides foundational skills essential for doing research in biology and for critically judging the research of others. We consider how biology is practiced as a quantitative, experimental, and theoretical science. Students focus on the underlying principles and practical skills needed to explore questions and test hypotheses, particularly where background variation (error) is inherently high. The course provides an overview of how biological research is designed, analyzed, and interpreted using statistics.

Language(s) of Instruction

English

Host Institution Course Number

BIOL2022

Host Institution Course Title

BIOLOGY EXPERIMENTAL DESIGN AND ANALYSIS

Host Institution Campus

sydney

Host Institution Faculty

Host Institution Degree

Host Institution Department

Biological Sciences

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