

# BIOS 3030 GLOBAL CHANGE ECOLOGY

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**Credit Points** 10

**Legacy Code** 301268

**Coordinator** Elise Pendall ([https://directory.westernsydney.edu.au/search/name/Elise Pendall/](https://directory.westernsydney.edu.au/search/name/Elise%20Pendall/))

**Description** Students in Global Change Ecology synthesize and apply their knowledge about how ecological systems are responding to human impacts occurring in the Anthropocene, and how adaptation and mitigation can moderate these impacts. Students will demonstrate attributes expected of Ecology graduates, including skills in oral and written communication, quantitative analysis, and critical thinking. Guest speakers from the research community and industry will be invited to represent potential career paths related to ecological sustainability and the broader career destinations of science graduates.

**School** Science

**Discipline** Ecology and Evolution

**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/](https://www.westernsydney.edu.au/currentstudents/current_students/fees/)) page.

**Level** Undergraduate Level 3 subject

**Pre-requisite(s)** BIOS 2008 AND EART 2001

**Assumed Knowledge**

Students will be expected to apply previous knowledge in mathematics, chemistry and biology.

## 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
Quiz (2)	1 hour (x 2)	30	N	Individual
Prac Report (2)	500 words (x2)	30	N	Individual
Final Report	1,000 words	20	N	Group
Presentation of Final Report	10 minutes	10	N	Individual
Reflection/ Self-Assessment	500 words	10	N	Individual

Teaching Periods