

**LIDLAW COLLEGE**  
*Te Wananga Amorangi*

BACHELOR OF TEACHING (PRIMARY) & WORLDVIEW STUDIES

**875.615 Science**  
**Course Outline**

NQF Level: 6  
Credit Value: 15

**DELIVERY MODE**

Auckland

**COURSE DESCRIPTION**

This course explores the teaching of Science in *The NZ Curriculum (2007)* with a focus on developing content knowledge and effective pedagogical approaches to teaching Science in the primary school including an experience of Inquiry Learning. Students will also investigate the social, theological and environmental significance of Science in the context of Faith.

**GRADUATING TEACHER STANDARDS**

1a-c; 2b-d; 3a; 4a,b; 5b; 6a, 7d;

**LEARNING OUTCOMES**

Students are expected to be able to:

- a. *demonstrate ability to understand the nature of science: the way it explains, investigates, and communicates the natural and physical world;*
- b. *exhibit critical understanding of the discourse between Science and Faith;*
- c. *demonstrate knowledge and application of inquiry-based pedagogy for effective Science education in the New Zealand primary school sector.*
- d. *utilize portfolio technology as a platform to gather evidence of growing teacher knowledge and skill in the area of Teaching Science*
- e. *demonstrate self-efficacy in the teaching and learning of Science including commitment to reflective practice in Science*