LAIDLAW COLLEGE
Te Wananga Amorangi

BACHELOR OF TEACHING (PRIMARY) & WORLDVIEW STUDIES

861.615 Mathematics and Statistics 2
Course Outline

NQF Level: 6
Credit Value: 15

DELIVERY MODE
Auckland

COURSE DESCRIPTION
This course builds on Mathematics and Statistics I. It is designed to challenge students to critique a range of current pedagogical and social issues in mathematics and statistics education. There is a specific focus on assessment and on the teaching and learning of statistics. Consolidation of personal mathematical growth is expected and biblical perspectives will continue to underpin the course.

LEARNING OUTCOMES

Students will be able to:

a. outwork a Christian worldview in Mathematics and Statistics (GTS 6a, 6b,6c);

b. demonstrate an advanced knowledge of curriculum content in mathematics and statistics (GTS 1a, 1b, 1c) ;

c. research and critique assessment issues in mathematics and statistics (GTS 2b, 2c) ;

d. provide strong evidence of sound understanding of issues relating to statistics education
(GTS 1a –c, 3a, 3c)

e. analyse and evaluate research in mathematics and statistics education in pre-secondary classrooms(GTS 2a, 3a)

f. develop a critical understanding of the stages of development of children's learning in mathematics and statistics (GTS 2a).