

Certificate in Biological Research

Requirements (30 credit units)

Consists of 15 credit units of required courses plus 15 credit units of prerequisite courses. The specific prerequisite courses to be taken in Biology will generally depend on the interest of the student. Twelve credit units of research-intensive courses are required; students are responsible for finding faculty supervisors for these courses.

15 cu Prerequisites

Choose 3 credit units from the following:

BIOL 120.3 The Nature of Life

BIOL 121.3 The Diversity of Life

Choose 3 credit units from the following:

PLSC 214.3 Statistical Methods

STAT 245.3 Introduction to Statistical Methods

STAT 246.3 Introduction to Biostatistics

Choose 9 credit units from the following:

BIOL — 200-Level, 300-Level, 400-Level

15 cu Required:

BIOL 301.3 Critical Issues in Biology

BIOL 380.3 Research Experience in Biology

BIOL 479.3 Literature Research in Biology

Choose 6 credit units from the following:

BIOL 481.6 Extended Research Project in Biology;

OR

BIOL 480.3 Biology Research **AND** 3 credit units selected from the following research-intensive courses:

BIOL 350.3 Field Course

BIOL 410.3 Current Perspectives in Enviro Biology

BIOL 412.3 Limnology

BIOL 420.3 Molecular Biology of Plants

BIOL 421.3 Functional Genomics

BIOL 430.3 Neurobiology of Behaviour

BIOL 440.3 Photobiology

BIOL 472.3 Animal Behaviour

