Bond University’s Study Abroad Program gives you the opportunity to study for a semester at Australia’s highest rating university*. With a five star staff to student ratio*, you’ll thrive in Bond’s small classes where our internationally renowned academics know each student by name.

Bond University has a strong component of international students who hail from over 80 countries worldwide. This dynamic, multi-cultural mix offers you the opportunity to establish a global network of business associates – and friends – ensuring that the benefits of your study abroad experience will be felt long after you have returned home.

STUDY FORENSIC SCIENCE AT BOND UNIVERSITY
The Faculty of Health Sciences and Medicine offers innovative Forensic Science Study Abroad subjects taught by internationally renowned forensic experts in DNA and forensic anthropology.

Students have access to the purpose-built laboratories as well as the DNA Extraction Robot and a DNA Typing Instrument.

POPULAR FORENSIC SCIENCE SUBJECTS
- Forensic Anthropology (FORS11221)
- Forensic Chemistry (FORS11225)
- Forensic DNA Profiling (FORS13120)
- Forensic Genetic Applications (FORS13122)
- Introduction to Forensic Science (FORS13320)

EXPERT FORENSIC SCIENCE STAFF
Professor Angela van Daal
BSc (Hons), PhD.
Professor van Daal is a highly respected forensic scientist who introduced DNA typing to the courts of three Australian states. She was heavily involved in the establishment of Quality Guidelines for DNA Testing for both forensic and parentage purposes within Australia. As a qualified NATA/ASCLD-LAB inspector she was involved in audits and accreditations of a number of forensic laboratories around the world including the FBI.

Associate Professor Walter Wood
MBBS (Hons), BSc.
Associate Professor Wood has taught human gross anatomy for over 45 years to medical, dental, science and therapy students in tertiary institutions. He has been an honorary consultant in Human Bone Identification (Forensic Osteology) for the Police Service in Queensland (1972-2001) and on various occasions for the Police Services of New South Wales, Victoria, and the Northern Territory. He has conducted many consultancies and workshops for the Environmental Protection Authority (Queensland) and for private industry.

*Bond Good Universities Guide
FORENSIC SCIENCE
STUDY ABROAD SUBJECT SYNOPSIS

FORENSIC ANTHROPOLOGY (FORS11-221)*
This subject covers the basic theory and practical procedures involved in the field recovery and laboratory management and analysis of human skeletal remains necessary for individual identification. It includes the techniques used to establish a skeletal profile including race and sex, age and stature.
*Prior knowledge in Forensic Osteology or equivalent is required

FORENSIC CHEMISTRY (FORS11-125)*
Forensic Chemistry deals with the application of chemistry to criminal investigation. The subject covers the analytical chemistry methods used to determine the quantitative or qualitative composition of unknown samples. The subject will include areas such as forensic drug analysis and forensic toxicology.
*Prior knowledge in Chemistry or equivalent is required

FORENSIC DNA PROFILING (FORS13-120)*
This subject covers the evolution of forensic biology for criminal forensic purposes from serology to DNA typing. The different methods of DNA typing from restriction fragment length polymorphism (RFLP) DNA “fingerprinting” to short tandem repeat (STR) analysis using multiplex PCR-based systems are covered as well as single nucleotide polymorphism (SNP) technology and future methods for forensic DNA analysis.
*Prior knowledge in Molecular Biology or equivalent is required

FORENSIC GENETIC APPLICATIONS (FORS13-122)*
This subject covers the wide range of applications of forensic DNA typing methods. It includes discussion of these methods in processes such as parentage testing, identification of war time skeletal remains and disaster victim identification. It also explores the use of DNA typing methods in wildlife management and smuggling as well as more specialised applications such as soil and pollen typing.
*Prior knowledge in Advanced Molecular Biology or equivalent is required

INTRODUCTION TO FORENSIC SCIENCE (FORS13-320)
This subject introduces students to criminalistics, criminal investigations, forensic science, evidence and expert testimony. It discusses techniques such as criminal profiling and DNA testing, to provide a basic appreciation of the field of forensic science and how it impacts on our understanding of crime and criminal justice processes. The subject is based around a series of guest lecturers in crime scene investigations, courtroom, laboratories, morgue and other specialised forensic environments.

For more information contact:
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