Environmental Forensics encompasses skills in a wide range of areas including chemistry, biochemistry, ecology, biology and law. Graduates of the Bachelor of Environmental Science (Environmental Forensics) will have vocationally-oriented skills in field and laboratory based investigation and detection of both biological and chemical environmental problems and ‘crimes’.

Employment Opportunities
The Bachelor of Environmental Science (Environmental Forensics) is the first undergraduate course in Western Australia that combines the elements of forensics, law and environmental studies with a focus on the practical skills of investigation, detection and prosecution. Graduates are sought by local, state and national government bodies, environmental agencies, emergency services and the industrial sector.

- environmental scientist
- environmental forensics officer
- environmental, occupational health and safety officer
- environmental auditor
- inspector
- scientific officer
- laboratory technician
- research officer
- environmental health officer

Admission Requirements
Standard Admission Requirements based on:
- TEE
- Mature-age entry
- TAFE qualification
- Aboriginal Student Entry; or
- Alternative Entry Requirements

For TEE entry, there are no subject prerequisites. It is helpful, but not essential, to have studied some biology and chemistry.

Course Location and Modes of Study
The three-year Bachelor of Environmental Science (Environmental Forensics) course is available by full-time or part-time study at the Joondalup Campus.

Costs
The Bachelor of Environmental Science (Environmental Forensics) is HECS based.
## Course Structure

### YEAR ONE

#### Semester 1

- JUS1111 Introduction to Law 1
- SCI1187 Form and Function in Biology
- SCI1181 Managing the Environment
- SCC1123 Chemistry for the Life Sciences*
  
  * Students who have TEE Chemistry may choose to take SCC1111 General Chemistry instead.

#### Semester 2

- SCI1185 Ecology
- SCI1186 Understanding Pollution
- SCC1226 Introduction to Organic Chemistry and Biochemistry
- SCI1184 Australia’s Physical Environment

### YEAR TWO

#### Semester 1

- SCB2222 Cellular and Molecular Biology
- SCC2211 Organic Chemistry
- SCM2201 Soil and Land Processes
- SCM2202 Applied Aquatic Processes

#### Semester 2

- HST2185 Toxicology and Environmental Disease
- SCB2424 Animal Diversity
- SCC2301 Forensic and Analytical Chemistry
- SCC1201 Chemistry: Structure and Reactions

### YEAR THREE

#### Semester 1

- SCI2304 Biological and Chemical Hazards
- SCI3308 Gathering and Presenting Environmental Evidence
- SCI3206 Environmental Investigation & Monitoring
  
  Plus ONE elective unit

#### Semester 2

- SCC3202 Environmental Chemistry and Analysis
- SCM3305 Risk Assessment, Communication and Management
  
  Plus TWO elective units

### ELECTIVE UNITS

Students are required to pick THREE electives from the following list of units.

- SCM3203 Environmental Impact Assessment
- SCI3301 Catchment Health and Management
- SCM2101 Environmental Mapping
- SCI3120 Natural Sciences Project
- SCC3201 Analytical Chemistry
- SCC3415 Project Unit

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**Contact details**

For further information on admission requirements, contact:

**Student Recruitment**

Edith Cowan University

Joondalup Drive

Joondalup WA 6027

Telephone: (61 8) 6304 6304

Email: prospect@ecu.edu.au

For further information on the Bachelor of Environmental Science (Environmental Forensics) contact the:

**Student Support Officer**

School of Natural Sciences

100 Joondalup Drive

JOONDALUP WA 6027

Telephone: (61 8) 6304 5726

Email: sons@ecu.edu.au

www.chs.ecu.edu.au/org/sons

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The Sustainable Forestry program is located at the award winning Science and Health Building on the Joondalup Campus.