

MASTERS IN BIOLOGICAL SCIENCES 2020

by Coursework only

Core Units

(Take all units (12 points))

Big Data, Modelling & Meta-analysis in Biology, Conservation & the Environment (BIOL5301) Sem-2

Data Management & Analysis in the Natural Sciences (SCIE4402) Sem-1 & 2

Option Units

Animal Evolution & Development (ANIM5501) Sem-2

Evolutionary Biology (ANIM5502) Sem-1

Invertebrate Zoology (BIOL4405) Sem-1

Vertebrate Zoology (BIOL4406) Sem-2

Marine Conservation & Fisheries Management (BIOL4407) Sem-2

Marine Ecology (BIOL4408) Sem-1

Option Units

(take units to the value of 36 points, of which 2 units (*Conservation Biology & Ecology specialisations*) and 4 units (*Marine Science & Zoology specialisations*) must be at Level 5)

Environmental DNA Sequencing (BIOL4410) Sem-1

Managing Threatened Species & Ecological Communities (BIOL5502) Sem-2

Assessing fauna biodiversity in managed landscapes (BIOL5503) Summer

Conservation Genetics (BIOL5542) Sem-2

Catchment & River Processes (ENVT4406) NSTP TP2

Remote Sensing of the Environment (ENVT4409) Sem-1

Geographic Information Systems Applications (ENVT4411) Sem-1 & 2

Marine & Coastal Planning & Management (ENVT5502) NSTP TP2

Global Ecological Challenges (ENVT5509) Sem-1

Ecosystem Biogeochemistry (ENVT5512) Sem-1

Ecological Rehabilitation (ENVT5517) Sem-2

The Sustainable Development Goals (ENVT5518) Sem-2

Decoding & Recoding for Environmental Biotechnology (ENVT5XXX) Sem-X

Aquaculture & the Blue Economy (ENVT5575) Sem-2

Aquatic Ecology (ENVT5576) Sem-2

Climate change Policy & Planning (PLNG5511) NSTP TP2

Science Practicum (SCIE5304) Sem-1 & 2

Global Change & the Marine Environment (SCIE5505) Sem-1

Citizen Science (SCOM5CCC) Sem-X

NGOs, Governance & Development (SOCS5010) NSTP

Career Opportunities:

Biologist,
Botanist
Conservation Biologist
Conservation Officer
Consultant
Ecologist
Environmental Manager
Environmental Scientist
Marine Biologist
Parks Officer
Quarantine Officer
Research Scientist
Research Technician
Rehabilitation Manager
Science Communicator
Wildlife Officer|
Zoologist



MASTERS IN BIOLOGICAL SCIENCES 2020

by Coursework and Dissertation

Parts 1-4

Masters in Biological Sciences
Masters Research Dissertation Part 1
(BIOL5552) Sem-1 & 2

Masters in Biological Sciences
Masters Research Dissertation Part 2
(BIOL5553) Sem-1 & 2

Masters in Biological Sciences
Masters Research Dissertation Part 3
(BIOL5554) Sem-1 & 2

Masters in Biological Sciences
Masters Research Dissertation Part 4
(BIOL5555) Sem-1 & 2

Seminars

Proposal Seminar:
Masters in Biological Sciences
Research Development
(BIOL5551) Sem-1 & 2

Final Seminar:
Masters in Biological Sciences
Research Presentation Skills
(BIOL5556) Sem-1 & 2

Prerequisites

Enrolment in Master of Biological
Science (72520), *and*

(a) the equivalent of a UWA weighted
average mark of at least 65 percent in
at least 24 points of Level 3 units in a
relevant undergraduate major

or

b) the equivalent of a UWA weighted
average mark of at least 65 percent in
at least 24 points of Level 3, 4 and 5
units completed within other course
Bachelor of Philosophy (Masters
BH005)

Career Opportunities:

Biologist,
Botanist
Conservation Biologist
Conservation Officer
Consultant
Ecologist
Environmental Manager
Environmental Scientist
Marine Biologist
Parks Officer
Quarantine Officer
Research Scientist
Research Technician
Rehabilitation Manager
Science Communicator
Wildlife Officer|
Zoologist

