

Scientific Diving: RTD3508A Perform Diving for Scientific Purposes

The purpose of scientific diving standards is to ensure that all scientific diving is conducted in a manner that will maximize protection of scientific divers from accidental injury and/or illness.

RTD3508A Perform Diving for Scientific Purposes covers the processes of scientific diving required to support research, monitoring and inspection roles associated with places or areas of significance. It requires the ability to plan diving operations, prepare for and conduct dives, debrief diving teams, check and store equipment, review diving programs and respond to diving maladies.

Performing diving for scientific purposes requires the knowledge of the physics of diving, no-decompression tables, dive equipment and planning, emergency procedures, agencies standing orders for notification, and radio operation procedures. Successful completion of this unit requires compliance with the current Australian Standards for Occupational Diving Operations: Scientific Diving (AS/NZS 2299.2:2002)

Prerequisites:

- Hold SROSCB007A: Perform Diver Rescues
- Hold HLTF301B: Apply First Aid – current within 3 years
- Hold HLTCPR201A: Perform CPR (with AED) – current with 12 months
- Be certified as medically fit to dive within the past 12 months in accordance with the requirements of AS/NZS 2299.1 by a medical practitioner appropriately trained in underwater medicine
- Hold certifications* in the following required knowledge and diving areas (PADI Specialty Diver certifications *or* completed PADI Adventure Dives):
 1. Peak Performance Buoyancy
 2. Search and Recovery Diver
 3. Underwater Naturalist or AWARE - Fish Identification
 4. Underwater Photography or Digital Underwater Photographer (DUP) or Underwater Videography
 5. Night Diver
 6. Deep Diver (NOTE: if deep diving greater than 30metres is required, then the student must be qualified as a PADI Specialty Deep Diver)

*Equivalents to all PADI qualifications will be reviewed under recognition of prior learning (RPL) guidelines.

Cost : \$2340

Includes all tuition and training materials with the exception of any texts required for further specialty diver training.

- PADI Certifications for:
 - Open Water
 - Advanced Open Water
 - Apply First Aid (EFRFAW)
 - Rescue
 - Emergency Oxygen Provider
- Use of all scuba equipment
- All Boat & Shore Dives including reef tax where applicable

Course credit will be offered to those students who already hold parts of, or all of the prerequisite qualifications as per the following table:

Course	Duration in days	Cost (\$)
Open Water	4	500.00
Advanced Open Water	2	350.00
Apply First Aid	1	120.00
Rescue Diver	3	575.00
Emergency O2 Provider	1	95.00