NRD — NATURAL AND RURAL SYSTEMS MANAGEMENT

Offered by the School of Natural and Rural Systems Management. For contact details consult the Faculty of Natural Resources, Agriculture and Veterinary Science entry in the Faculties, Schools and Departments chapter.

NRD01 Aquaculture
#12 EX ONLY Year
Inc: QM265
*Only offered at Central Queensland University*
Assessment: Progressive assessment & final examination.
Biological & ecological basis for & practice of aquaculture of shellfish, crustaceans & fish in fresh, estuarine & open sea environments.

NRD02 Fisheries Management
#12 EX ONLY 1st
Inc: QIA09 or QMA30 or QM263
Coordinator: Australian Maritime College, Tasmania.
Assessment: Progressive & final examination.
Biological & ecological basis of fisheries management of inshore & oceanic environments; fisheries management objectives, models & regulations.

NRD03 Fisheries Technology
#12 EX ONLY 2nd
Inc: QIA10 or QMA31 or QM264
Coordinator: Australian Maritime College, Tasmania.
Assessment: Progressive & final examination.
Nature of fisheries resources & role of technology in their utilisation & management for sustained yield.

NRD04 Forest Management
#12 (2L4P) 1st
Inc: QIA13 or QMA34 or QM266
*Only offered at Forestry Training Centre, Gympie*
Assessment: Progressive & final examination.
Principles & practices of forestry management planning, including theory & use of fire.

NRD05 Forest Protection
#12 (2L3P) 1st
Inc: QIA14 or QMA35 or QM262 P: LF102
*Only offered at Forestry Training Centre, Gympie*
Assessment: Progressive & final examination.
Introduction to pests of forests & their management.

NRD06 Harvesting & Marketing
#12 (2L4P) 2nd
Inc: QIA16 or QMA37 or QM267
*Only offered at Forestry Training Centre, Gympie*
Assessment: Progressive & final examination.
Timber harvesting & marketing; legislative basis of marketing; marketing policies & pricing strategies; practical aspects of marketing of forestry products including recreational opportunities.

NRD08 Marketing for Farm Businesses
#12 (2L2T) 2nd EX
Inc: QMA01 or 02
Coordinator: Assoc. Prof. A.J. Dunne.
Assessment: Progressive & final examination.
Basic principles of marketing as applied to agricultural food & fibre products in a deregulated global trading environment.

**NRD09 Mensuration**

#12 (2L4P) 1st
Inc: QIA 18 or QMA 38 or QM 269 P: LF102
Only offered at Forestry Training Centre, Gympie
Assessment: Progressive & final examination.
Measurement of tree height, diameter & volume, typing & sampling of forests for inventory purposes.

**NRD10 Native Forest Silviculture**

#12 (2L2P) 1st
Inc: QIA 19 or QMA 40 or QM 261 P: LF102
Only offered at Forestry Training Centre, Gympie
Assessment: Progressive & final examination.
Biological & ecological principles of tree growth & their impact on logging & treatment prescriptions; establishment & growth of trees on farms for amenity purposes.

**NRD11 Plantation Silviculture**

#12 (2L4P) 2nd
Inc: QIA 22 or QMA 43 or QM 270 P: LF102
Only offered at Forestry Training Centre, Gympie
Assessment: Progressive & final examination.
Biological, edaphic & horticultural aspects of tree growth as commercial cropping venture; application of environmentally sensitive management practices; impact of tree breeding on plantation productivity.

**NRD12 Skills Modules I**¹

#12 EX ONLY 1;2;Year
Assessment: Range of competency-based assessments relevant to skills involved.
Acquisition of skills relevant to the qualification. Skills training is undertaken through accredited external providers.

**NRD13 Skills Modules II**¹

#12 EX ONLY 1;2;Year
Assessment: Range of competency-based assessments relevant to skills involved.
Acquisition of skills relevant to the qualification. Skills training is undertaken through accredited external providers.

**NRD14 Skills Modules III**¹

#12 EX ONLY 1;2;Year
Assessment: Range of competency-based assessments relevant to skills involved.
Acquisition of skills relevant to the qualification. Skills training is undertaken through accredited external providers.

**NRD15 Skills Modules IV**¹

#12 EX ONLY 1;2;Year
Assessment: Range of competency-based assessments relevant to skills involved.
Acquisition of skills relevant to the qualification. Skills training is undertaken through accredited external providers.

**NRD16 Wood Technology & Utilisation**

#12 (2L1T3P) 2nd
Inc: QIA 28 or QMA 46 or QM 271 P: NRD04
Only offered at Forestry Training Centre, Gympie
Assessment: Progressive.
Identification, structure, physical properties & uses of wood; conversion of log timber to various end
products.

**NRD 17 Environmental Management Field Skills**

#12 (4P) EX ONLY Year
Inc: NRD14
Assessment: Evidence of competency standard for skills involved.
Acquisition of skills relevant to employment in nature conservation field.

**NRD 18 Work Experience in Industry**

#12 EX ONLY Year
Inc: NRD15
Assessment: Evidence of completion of required number of days & of achievement of competence in
approved skills.
Thirty working days of approved experience in at least two relevant enterprises, during which twelve
approved tasks must be completed at an acceptable level of competence.

**Endnote**
1. Gatton campus.