NR — 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.

NR101 Agricultural Marketing¹
#12 (3L2T) 1st EX
Inc: QM223
Coordinator: Assoc. Prof. A.J. Dunne.
Assessment: Assignment & examination.
Forces of change which influence the marketing environment for agricultural food & fibre products. Development of an understanding of the process & issues associated with formulation of strategies needed by firms to successfully compete in global markets.

NR102 Applied Economics¹
#12 (2L2T) 2nd EX
Inc: AG202 or EC121 or 122 or QM19 or QM122 or 123
Coordinators: Mr I. Russell & Dr C. Brown.
Assessment: Progressive & final examination.
Basic concepts, principles & methods of economics & their application to science & management of agriculture, natural resources & the environment.

NR103 Business Management²
#12 (3L2T) 2nd EX
Inc: QMA08 or QM236
Coordinator: Mr D. Cameron.
Assessment: Assignments, mid-semester test & final examination.
Collection & use of business management information for descriptive, diagnostic, predictive & prescriptive purposes. Focuses on management needs & applications for small business firms within rural sector.

NR104 Information Access & Communication¹
#12 (1L3T1P) 1st EX
Inc: CS193 or QM124 or 125
Coordinator: Mr K. Keith.
Assessment: Progressive assessment through short exercises & assignments, one major assignment & computer tests.
Current methods of accessing information; human communication principles & practice.

NR105 Introduction to Environmental Management¹
#12 (3L1T)
Inc: NR108 or QMA20 or QM126 or 128 C: GN100
Coordinator: Assoc. Prof. R.J.S. Beeton.
Assessment: Progressive & final examination.
Environmental management with emphasis on social, cultural & managerial aspects.

NR106 Natural & Rural Systems Management²
#12 (3L1T) 2nd EX
Inc: QM128
Coordinator: Dr K. Rickert.
Assessment: Progressive & final examination.
Biophysical, social, legal & cultural factors that influence land use, both in Australia & beyond.

NR107 Tropical Forests in Perspective²
NR108 Introduction to Natural Systems

Tropical forest biomes (evergreen, deciduous, savanna) & their characteristics. Diversity of forest vegetation; importance in global (biodiversity) context. Global ecological biogeography of tropical forests including analysis of climatic, edaphic & historical factors; social, political & economic significance; conservation status & threats.

NR109 Introduction to Remote Sensing

Remote sensing is emerging as one of the most important & widely-applied methods for evaluating & monitoring natural resources. Information extracted from images or photographs may be used in many ways, e.g. as a basis for maps of landcover, for estimating biophysical variables (biomass, ozone concentration) & for integration with other spatial data for further analyses & decision support.

NR201 Applied Market Research

Principles & techniques of marketing research as they apply in an international business context.

NR202 Communication & Extension

Evolution & philosophy of extension science & human behaviour. Linear & systemic planning processes for linking technologies with rural knowledge systems to achieve sustained rural development. Communication theory & skills associated with exchange of scientific information include scientific & public writing, public speaking & use of electronic media.

NR203 Community Nature Conservation

Principles of urban & rural small-scale reserve conservation & multiple use greenspace management; role & utilisation of local voluntary groups in community nature conservation & management.

NR204 Cultural Heritage Management (On Park)

Evolution & philosophy of extension science & human behaviour. Linear & systemic planning processes for linking technologies with rural knowledge systems to achieve sustained rural development. Communication theory & skills associated with exchange of scientific information include scientific & public writing, public speaking & use of electronic media.
Coordinator: Dr. A. Ross.  
Assessment: Progressive.  
Concept of cultural heritage — both indigenous & non-indigenous. Legislative & ethical bases for heritage management. Protected areas, cultural aspects of fire management, traditional uses of parks, interpretation planning. Newly emerging paradigm of cultural landscapes as a major element of cultural heritage management & planning within a broader conservation framework.

NR205 Environment & Community
#12 (2L1T3P) 2nd  
Inc: QM 208 or 253  
Coordinator: Mr. K. Keith.  
Assessment: Assignment, project report, practical skills & final examination.  
Sustainability of natural & rural communities in landscape & interaction of primary production, mining, urban & nature conservation systems.

NR206 Environment & the Law
#12 (2L1T) 1;2 (sem 1 St Lucia, sem 2 Gatton) EX (only sem 2)  
Inc: QMA 13 or QM 201 or 246  
Coordinator: Mrs. N. McNamara.  
Assessment: Two assignments & final examination.  
Australian legal system, including Commonwealth/ State powers in dealing with the environment. Environmental laws applicable to protected areas, native title & pollution control. Future developments in environmental law.

NR207 Environmental Problem Solving
#12 (3L1T) 2nd EX  
Inc: QM 127 P: NR 105 or 108  
Coordinator: Mr. B. Carter.  
Assessment: Progressive & final examination.  
Environmental problem definition & solution.

NR208 Extension & Interpretation
#12 (2L4P) 2nd EX  
Inc: QMA 03 or 07 or QM 408 or 430 C: NR 104 or 210  
Coordinators: Mr. G. Siepen & Mr. D. Graham.  
Assessment: Progressive.  
Extension/ interpretation theories, methods & skills that can be used to bring about change within groups & communities. Introduction of knowledge & skills required to be an effective interpretation/ extension officer, both in private & public sectors.

NR209 Group Dynamics
#12 (2L / T2P) 2nd  
Inc: AG 308 or NR 210 C: NR 320  
Coordinator: Dr. S. Chamala.  
Assessment: Progressive.  
Evolution & philosophy of extension science & human behaviour. Linear & systemic planning processes for linking technologies with rural knowledge systems to achieve sustained rural development. Communication theory & skills associated with exchange of scientific information include scientific & public writing, public speaking & use of electronic media.

NR210 Group Processes, Negotiations & Adult Learning
#12 (2L1T3P) 1st EX  
Inc: AG 308 or QM 220 or 247 or 248 P: NR 104  
Coordinator: Mr. D. Graham.  
Assessment: Progressive.
Group processes, negotiation & adult learning concentrating on development of interpersonal communication, group management & negotiation skills at the individual, group & inter-group levels.

**NR211 Marine & Coastal Environmental Protection**
#12 (2L2T) 2nd
Inc: QMA14 or QM 303
Coordinator: Dr J. Davie.
Assessment: Progressive & final examination.
Introduction to international & Australian approaches to conserving biodiversity values, ecological processes, products, goods & services in coastal zones. Emphasis placed on planning & management of marine & coastal protected areas in a regional context.

**NR212 Marine Resource Management**
#12 EX ONLY 2nd
Inc: QIA17 or QMA 38 or QM 268
Coordinator: Australian Maritime College.
Assessment: Progressive & final examination.
Principles, policies & issues in management of marine resources with particular reference to living resources.

**NR213 Microtourism Planning**
#12 (2L2T) 2nd
Inc: QM 228 P: NR206
Coordinator: Mr B. Carter.
Assessment: Open book, in-semester take-home examination, project planning in-class assignment, group seminar on essay topic & seminar on lecture topics from readings.
Issues in tourism development planning. Principles of ecological & economic sustainability, business best practice & the aim of bringing positive benefits to host communities as well as investors & clients.

**NR214 Natural Area Administration**
#12 (1L1T) 2nd EX
Inc: QMA17
Coordinator: Ms M. Gooch.
Assessment: Progressive & final examination.
Public administration practice with particular reference to agencies managing natural &/or recreation areas. Processes of administration (planning, implementing & evaluating), administrative operations (resourcing & managing) & special requirements of administration in public sector.

**NR215 Principles of Wildlife Management**
#12 (3L2T) 1st EX
Inc: QMA27 or QM 272 P: LF208 + VG105
Coordinator: Dr G. Baxter.
Assessment: Wildlife management problem solving exercise, individual essay & take-home examination.
Principles of wildlife management, social context, modes of population growth, ecological principles on which wildlife management relies, management of pests & critically endangered populations, adaptive management.

**NR216 Project Appraisal I**
#12 (4C) 2nd EX
Inc: QBA44 or QB216 or QM 235
Coordinator: Assoc. Prof. K. Woodford.
Assessment: Final examination.
Principles of finance, investment appraisal & financial evaluation of R & D projects, with particular emphasis on natural resource sectors.
NR217 Protected Area Management & Operations
#12 (3L3P) 1st EX
Inc: QMA15
Coordinator: Dr M. Page.
Assessment: Assignment & final examination.
Aspects of protected area management with emphasis on natural resource management. Incorporates protected area management objectives, models & concepts, natural resource management, weed & feral animal control & management planning process.

NR218 Recreation Management & Visitor Services
#12 (3L1T) 2nd EX
Inc: QB233 or QMA24
Coordinator: Mr B. Carter.
Assessment: Progressive & final examination.
Conceptual framework of recreation planning & management of visitors in natural settings.

NR219 Resource Economics
#12 (3L1T) 1st EX
Inc: QM231 P: NR102
Coordinator: Mr I. Russell.
Assessment: Assignments & examination.
Resource economics, with particular emphasis on management of natural & rural systems in Australia.

NR220 Rural Management Economics
#12 (2L3P) 1st
Pre: EC121 or 122 or NR102 Inc: AG408
Coordinator: Dr M. Wegener.
Assessment: Assignment & final examination.
Principles of economics applied to business management in context of managing a rural property or diversified agricultural enterprise. Problems encountered by these businesses & how they might be analysed.

NR221 Rural Systems Management
#12 (2L2T) 1st
P: NR103
Coordinator: Mr S. Beasley.
Assessment: Assignments & examination.
Management of rural enterprises within a systems framework.

NR222 Systems Modelling in Forestry
#12 (2L3P) 2nd
Coordinator: Assoc. Prof. Ken Rickert.
Assessment: Assignments & final examination.
Description & analysis of forest systems through the use of computer models & simulations. Emphasis given to development, verification & validation of dynamic simulation models & to their different scales of application. Students build a dynamic simulation model pertaining to a tropical forest ecosystem.

NR223 Biology of Trees & Forests
#12 (3L3P) 2nd
Coordinators: Dr J. Davie & Dr M. Heslehursts.
Assessment: Literature review, modelling project & final examination.
NR301 Agricultural & Resource Policy
#12 (3L) 1:2
Inc: AG424 or QM224 P: (EC121 + 122) or NR102
Coordinator: Dr C. Brown.
Assessment: Assignments & examination.

NR302 Agriculture, Resources & Economic Development
#12 (2L1T) 2nd
Inc: AG452 P: EC211 or NR102
Coordinator: Dr R. Cramb.
Assessment: Assignments & examination.
Role of agriculture & natural resources in economic development of low-income countries. Major issues involved in pursuit of sustainable rural development. Application to specific countries & regions in Asia & Africa.

NR303 Contemporary Protected Area Management
#24 (3T) Year EX
Inc: QM344
Coordinator: Mr M. Hockings.
Assessment: Progressive.
Ecosystems as planning & management focus for understanding interaction of cultural, social, economic & ecological factors in management of protected areas. Protected area planning methods & participatory planning techniques in relation to integrated conservation & development concepts & their application to protected area management. Interaction between communities, governments & non-government organisations.

NR304 Cultural Heritage Management (Landscapes)
#12 (4C) 1st
Inc: QM303
Coordinator: Dr A. Ross.
Assessment: Progressive.
Concepts of cultural heritage sites & landscapes. New directions in cultural heritage management which take planning away from a purely sites-based approach. Landscape as heritage. Aboriginal approaches to land & sea management. European heritage planning. Case studies relating to non-protected area management are presented.

NR305 Decision Support Systems
#12 (3L1T) 1st
Inc: QM306
Coordinator: Dr D. Pullar.
Assessment: Tutorial participation, two assignments & end-of-semester examination.
Principles of decision support, methodological foundations of complex decision-making processes including Multiple Criteria Evaluation, technological issues associated with information management, applications of geographic information systems & remote sensing in a broad context of land use management in Australia & spatial decision support systems. Case studies on conservation management, rural landscape management & land evaluation considered.

NR306 Economics & the Environment
#12 (2L1T) 2nd
P: NR219
Coordinator: Mr I. Russell.
Assessment: Two written assignments & seminar. Builds on knowledge & skills developed in Resource Economics. Interrelationships of economic & environmental systems, illustrated by selected cases of environmental problems in Australia & Asia-Pacific region.

NR307 Economics of Agricultural & Resource Markets
#12 (3L1P) 1st
Inc: AG413 P: (EC121 + 122) or NR102
Coordinator: Dr C. Brown.
Assessment: Assignment & final examination.

NR308 Economics of Land & Water Resources
#12 (2L2P) 2nd
Inc: AG459 P: EC211 or NR102
Coordinator: Dr R. Cramb.
Assessment: Assignment, project report & final examination.
Economic perspective of use, development & conservation of land & water resources. Application of benefit-cost analysis to appraise resource projects & policies.

NR309 Ecotourism
#12 (1L4T) 2nd EX
Inc: QM428
Coordinator: Mr B. Carter.
Assessment: Major assignment/ project, short assignment & final examination.
Trends towards environmental tourism & ways the tourist industry can respond to environmental issues & develop sustainable ‘best practice’. Approaches to integrating environmental attractions & management with tourism operations.

NR310 Environment & the Law Case Studies
#12 (1L) 2nd EX
Inc: QM335
Coordinator: Mrs N. McNamara.
Assessment: Three case studies.
Understanding environmental law. Application of environmental law within a management context & to environmental & land use issues.

NR311 Environmental Tourism Case Studies
#24 (1T4P) Year
Inc: GN495 or NR402 or 406 or 407 or QM415 or 416 P: NR207
Coordinator: Mr B. Carter.
Assessment: Progressive & examination.
Case study analysis & problem-solving in environmental tourism. Application of problem-solving strategies to a major group project.

NR312 Industrial Placement (Natural & Rural Systems)
#24 (1T4P) 2nd EX ONLY
Pre: # 204 from BEnvMan(NatSys&Wildlife) or BEnvMan(RurSys) Inc: GN 399 or NR 332 or QM 326 or 340
Coordinators: Mr D. Cameron & Mr G. Siepen.
Assessment: Learning contract, assignments & presentation/ viva voce.
Period of 16 weeks continuous, structured, course-related experience in organisations involved in management of natural & rural resources, including protected areas, wildlife, production enterprises & service industries.
NR313 International & National Conservation Policy
#12 (2L1T) 1st EX
Inc: QMA05 or A12
Coordinator: Mr M. Hockings.
Assessment: Progressive & final examination.
Overview of policy development process as it is applied to conservation & environmental management. Conservation policy in both international & national context.

NR314 Management Research Methodology
#12 (4L1T) 1st
Inc: QM425 or 434 C: NR405
Coordinator: Assoc. Prof. R.J. Collins.
Assessment: Negotiated, typically oral presentation, written proposal.
Distinguishing characteristics of management research; ontological, epistemological & methodological concepts that underpin management research; examples of field application of various methodologies & challenges students to develop an example of their own (usually based on a Research Project or equivalent).

NR315 Modelling Bio-economic Systems
#12 (2L3P) 2nd
Inc: AG409 or 438 or NR316 or 336 P: (EC121 + 122) or NR102 C: NR220
Coordinator: Dr M. Wegner.
Assessment: Assignments & final examination.
Exposes students to concepts, philosophy & practice of modelling, the economic changes of bio-economic systems used to understand & manage natural resources. Starts from an activity analysis perspective of single farms & introduces students to a range of simulation & optimisation tools appropriate to analysis of resource management options at farm, regional & economy-wide level.

NR316 Modelling Natural & Rural Systems
#12 (2L3P) 2nd EX
Inc: NR315 or 336
Coordinator: Assoc. Prof. K. Rickert.
Assessment: Assignments & final examination.
Description & analysis of natural & rural systems through use of computer models & simulations. Emphasis given to development, verification & validation of dynamic simulation models & to their different scales of application. Students build a dynamic simulation model pertaining to a natural or rural system.

NR317 Project Appraisal II
#12 (4C) 1st
Inc: QM222 P: NR216
Coordinator: Assoc. Prof. K. Woodford.
Assessment: Project.
Advanced & applied aspects of financial & economic appraisal techniques emphasising the natural resource sector.

NR318 Public Land Management
First offered in 2001
#12 (3L1P) 1st
Inc: QM420
Coordinator: Mr M. Hockings.
Assessment: Progressive & final examination.
Management of public lands to meet specified objectives with emphasis on conservation & management of natural resources; diversification of management models applied to public lands in response to
changing environmental & societal pressures; policy objectives & methods relating to management of the public land estate.

NR319 Public Sector Management & Conservation Planning
#12 (4L1T) 2nd
Inc: QM419
Assessment: Progressive & final examination.

NR320 Rural Sociology
#12 (2L1T1P) 1st
Inc: AG425 C: NR209
Coordinator: Dr B. Frank.
Assessment: Assignments, seminars, reports & joint research project.
Culture, social structure, institutions & communication in rural communities of the world. Applying sociological & demographic principles to agriculture & environment. Role of farmer, community, research & extension organisations. Students participate in field study involving farm families in S.E. Queensland.

NR322 Special Topics I
#12 (4C) 1;2 EX
Inc: QM346
Coordinator: Mr M. Hockings.
Assessment: Determined on a case by case basis.
Piece of directed work under supervision of academic staff & approved by Head of School.

NR323 Special Topics II
#12 (4C) 1;2 EX
Inc: QM347
Coordinator: Mr M. Hockings.
Assessment: Determined on a case by case basis.
Piece of directed work under supervision of academic staff & approved by Head of School.

NR324 Tourism Demand & Product Development
#12 (4C) 2nd
Inc: QM328 C: NR201
Coordinator: Mr C. Kilminster.
Assessment: Negotiated. Typically a mix of peer, client & staff assessment based on the product development for a case study.
Process of innovation & customer driven new product development with emphasis on environmental tourism sector. Development of new products for an ecotourism industry case study.

NR325 Tropical Natural & Rural Systems Tour
#24 2nd
Inc: GN398 or LF330 or NR333 or QM326
Coordinator: Mr G. Siepen.
Assessment: Presentations plus exam.
Provides practical context for examining principles of natural & rural systems management developed in earlier semesters of formal coursework. On-site visits, forums, conducted activities & action learning form basis of learning activities on tour which travels through semi-arid, tropical & coastal environments.

NR326 Integrated Landscape Management
#12 (3L2T) 1st
Inc: QM 303 or QP 305
Coordinator: Mr M. Hockings.
Assessment: Progressive, final examination.
Philosophies, framework & processes of landscape management with particular emphasis on initiatives such as catchment management & integrated coastal zone management. Management principles & practices applied to catchment, coastal & marine systems introduced.

**NR 327 Wildlife Utilisation & Marketing**

#12 (4C) 1st
Inc: QM 432
Coordinator: Assoc. Prof. K. Woodford.
Assessment: Progressive, final examination.
Integrated study of social, biological & economic issues associated with utilisation of wildlife.

**NR 328 Forest Land Resources**

#12 (3L2T) 1st
Coordinator: Dr J. Davie.
Assessment: Major research essay, seminar presentation & case study reviews.
Principles & practice of compatible multiple use of forests for sustainable land use; goods & services supporting water management, recreation, biodiversity, medicines & food products & commercial secondary forest products such as rattan; economic & sociocultural analysis in forest policy.

**NR 329 Tropical Forest Silviculture**

#12 (3L3P) 1st
Coordinator: Dr J. Davie.
Assessment: Literature review, report of field trip & final examination.
Interventions in native & plantation forests to optimise forest structure & growth to meet production & conservation objectives. Silviculture activities range from tree selection & breeding, nursery techniques to thinning, weeding & pruning. Impacts of silviculture assessed in relation to land use objectives.

**NR 330 Forest Assessment & Management**

#12 (3L3P) 2nd
Coordinator: Dr J. Davie.
Assessment: Practical reports, group project & final examination.
Quantitative assessment & interpretation of tree & forest measurements; theoretical & practical exposure to contemporary tools in forest resource assessment; sampling, inventory & modelling; measurement of stand & forest parameters leading to growth & yield modelling & land use allocation.

**NR 331 Harvesting Design & Technology**

#12 (2L2T2P) 2nd
Coordinator: Dr J. Davie.
Assessment: Essay, group design project & final examination.
Principles & practice for optimising spatial design of access for management & harvesting of tropical plantation & native forests; introduction to harvesting technologies for sustainable forest practice.

**NR 332 Industrial Placement (Tropical Forestry)**

#12 EX ONLY 2nd
Pre: #204 from BEnvMan(TropFor) Inc: GN 399 or NR 312 or QM 326 or 340
Coordinator: Dr J. Davie.
Assessment: Learning contract, assignments & presentation/ viva voce.
Provides practical context for examining principles of tropical forestry management of native & plantation forests. On-site visits, forums, conducted activities & action learning form basis of learning activities on tour which travels through tropical humid, sub-humid & semi-arid landscapes.
NR333 Tropical Forestry Tour
#12 2nd
Inc: GN398 or LF330 or NR325 or QM326
Coordinator: Dr J. Davie.
Assessment: Presentations & final examination.
Provides practical context for examining principles of tropical forestry management of native & plantation forests. On-site visits, forums, conducted activities & action learning form basis of learning activities on the tour which travels through tropical humid, sub-humid & semi-arid landscapes.

NR334 Ecology & Management of Forest Disturbance
#12 (3L1T2P) 1st
P: LF208 or NR223
Coordinator: Dr J. Davie.
Assessment: Literature review, field trip & final examination.
Disturbance as an ecological factor especially in relation to tropical forest ecosystems; theoretical & practical aspects of fire ecology, insect attraction & plant pathogens, wind & cyclonic disturbance & the impact of anthropogenic changes in forest environment; extension of silviculture concepts to maintain timber & other products under various disturbance regimes.

NR335 Forest Genetics & Conservation
#12 (3L1T2P) 2nd
P: LF101 or 102 or NR223
Coordinator: Dr J. Davie.
Assessment: Essay, laboratory reports, field trip reports & examination.
Introduction to forest genetics & breeding for enhanced production & conservation, with emphasis on tropical forest ecosystem; importance of genetics & selection for intensive production in tropical plantations; introduction to commercial forestry nursery practice; ex situ biodiversity conservation.

NR336 Advanced Forest Modelling
First offered in 2001
#12 (3L3P) 1st
P: NR223 or 329
Coordinator: Dr J. Davie.
Assessment: Literature review & group modelling project.
International & national forest policy & application of legal, policy, administrative & technical instruments to the resolution of real world case studies in sustainable forest land management.

NR401 Natural Resource Management
First offered in 2001
#12 (2L1T3P)
Inc: AG372 P: LF327
Coordinator: Dr R. Cramb.
Assessment: Assignment, field trip & final examination.
Analysis of management & policy issues in use & conservation of natural resources. Integrated approaches to natural resource management at regional, national & global levels. One week field trip to Northern Queensland.

NR402 Natural Systems Case Studies
First offered in 2001
#24 (1T4P) Year
Inc: GN495 or NR311 or 406 or 407 or QM415 or 416 P: NR207
Coordinator: Mr M. Hockings.
Assessment: Case studies, group project report & tutorial exercises.
Case study analysis & problem-solving in natural systems management. Application of problem-solving strategies to a major group project.
NR403 Advanced Topics
First offered in 2001
#12 (4C) 1;2
Coordinator: Mr M. Hockings.
Assessment: Determined on a case by case basis.
Piece of directed work under supervision of academic staff & approved by Head of School.

NR404 Modern Agricultural Production
First offered in 2001
#24 (1T4P) Year
Coordinator: Prof. E. Woods.
Assessment: Oral presentation & written submission of group project brief/proposal; individual assignment on an aspect of the group project; oral presentation & written report of group project. Integrative group case study requiring analysis/problem solving on a contemporary production issue facing Australian agriculture. Emphasis placed on defining research issues, establishing appropriate approach, applying methods & analysis, & defending conclusions within a major project.

NR405 Research Project
First offered in 2001
#24 (4C) Year
Inc: QM491 or 492 or 493 P: NR314
Coordinator: Assoc. Prof. R. Collins.
Assessment: Written submission of research project; oral presentation may also be required by some supervisors.
Design, implementation & presentation of small supervised research project relevant to the students’ course of study. Emphasis placed on defining research issues, establishing appropriate methodology, applying acceptable methods & analysis, & drawing defensible conclusions.

NR406 Tropical Forestry Case Studies
First offered in 2001
#24 Year
Inc: GN495 or NR311 or 402 or 407 or QM415 or 416 P: NR207 or 328
Coordinator: Dr J. Davie.
Assessment: Assignments & group oral presentation.
International & national forest policy & application of legal, policy, administrative & technical instruments to the resolution of real world case studies in sustainable forest land management.

NR407 Rural Systems Management Case Studies
First offered in 2001
#24 (2L2T) Year
Inc: NR311 or 402 or 406 or QM 325 or 415 or 416 P: NR221
Coordinators: Assoc. Prof. K. Woodford & Mr S.R. Beasley.
Assessment: Case study assignments.
Rural systems management within integrated multiple objective framework, using case studies & decision models.

NR408 Honours Research Project I
#36 (9C) Year
Inc: QM 499 P: NR 314
Coordinator: Assoc. Prof. R.J. Collins.
Assessment: Written submission of research project; oral presentation may be required by some supervisors.
Design, implementation & presentation of research project relevant to student’s course of study with emphasis on defining the research issue, establishing methodology, undertaking appropriate analysis of data & drawing defensible conclusions.

NR409 Honours Research Project II
#48 (12C) Year
P: NR314
Coordinator: Assoc. Prof. R.J. Collins.
Assessment: Written submission of research project; oral presentation may be required by some supervisors.
Design, implementation & presentation of research project relevant to student’s course of study with emphasis on defining the research issue, establishing methodology, undertaking appropriate analysis of data & drawing defensible conclusions.

NR410 Honours Research Project III
#60 (15C) Year
P: NR314
Coordinator: Assoc. Prof. R.J. Collins.
Assessment: Written submission of research project; oral presentation may be required by some supervisors.
Design, implementation & presentation of research project relevant to student’s course of study with emphasis on defining research issue, establishing methodology, undertaking appropriate analysis of data & drawing defensible conclusions.

NR411 Honours Special Topics I
#12 (<6C) 1;2 EX
C: NR314
Coordinator: Assoc. Prof. R.J. Collins.
Assessment: Nature of assessment will be congruent with objectives of the learning contract in each case. Advanced piece of work in a specialised area relevant to student’s course & conducted under supervision of member of academic staff.

NR412 Honours Special Topics II
#12 (<6C) 1;2 EX
C: NR314
Coordinator: Assoc. Prof. R.J. Collins.
Assessment: Nature of assessment will be congruent with objectives of the learning contract in each case. Advanced piece of work in a specialised area relevant to student’s course & conducted under supervision of member of academic staff.

NR413 Honours Special Topics III
#12 (<6C) 1;2 EX
C: NR314
Coordinator: Assoc. Prof. R.J. Collins.
Assessment: Nature of assessment will be congruent with objectives of the learning contract in each case. Advanced piece of work in a specialised area relevant to student’s course & conducted under supervision of member of academic staff.

NR414 Honours Special Topics IV
#12 (<6C) 1;2 EX
C: NR314
Coordinator: Assoc. Prof. R.J. Collins.
Assessment: Nature of assessment will be congruent with objectives of the learning contract in each case. Advanced piece of work in a specialised area relevant to student’s course & conducted under supervision of member of academic staff.
Endnotes
1. Gatton & St Lucia campuses.
2. Gatton campus.
3. Gatton, Ipswich & St Lucia campuses.