



TROPICAL SAVANNAS CRC

Cooperative Research Centre for Tropical Savannas Management

Postgraduate Units in Tropical Environmental Management

The Tropical Savannas CRC, Charles Darwin University, James Cook University and University of Queensland are offering graduate students practical units, in flexible study mode, that focus on land management issues in Australia's tropical north

Semester 1: CDU, Darwin

SBI504: Design and Analysis of Environmental Studies

This unit introduces the major types of investigation needed to address environmental problems, including description and comparison of natural communities and the detection and assessment of impacts. It emphasises the correct principles for design and analysis of studies to address problems within the framework of modern environmental management and impact assessment.

Can be taken as a fully external unit

SBI507: Ecology and Management of Tropical Savannas

This unit focuses on the distribution, ecology and management of tropical savannas, particularly in northern Australia. You will learn about the major environmental determinants of tropical savanna form and function, and discuss issues relating to the use and management of savannas by people.

Can be taken as fully external unit

Contact: Dr Lindsay Hutley, CDU
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Eligibility

Aimed at graduates with a background in environmental/biological sciences. Units equivalent to 1/8 normal yearly load. Offered within CDU's Master, Graduate Diploma and Graduate Certificate of Tropical Environmental Management.



Semester 2: CDU, Darwin

These units begin with an intensive five-day field component in the inter-semester break and are then combined with online learning during semester. Weekly tutorials are face-to-face for internal students and online for external students.

SBI506: Tropical Wetland Management

An overview of the ecological characteristics of tropical wetlands, methods of monitoring wetland condition, and the ecological, social and economic issues determining their sustainable use.

Mid-year break: five-day residential in the NT

SB1502: Flora and Fauna Survey Techniques

An introduction to the methods for sampling, recording, interpreting and presenting flora and fauna survey data, and survey reporting.

Mid-year break: five-day residential in the NT

MISSION:

To achieve sustainable use and conservation of Australia's tropical savannas through excellence in collaborative research, communication and education

CONTACT:

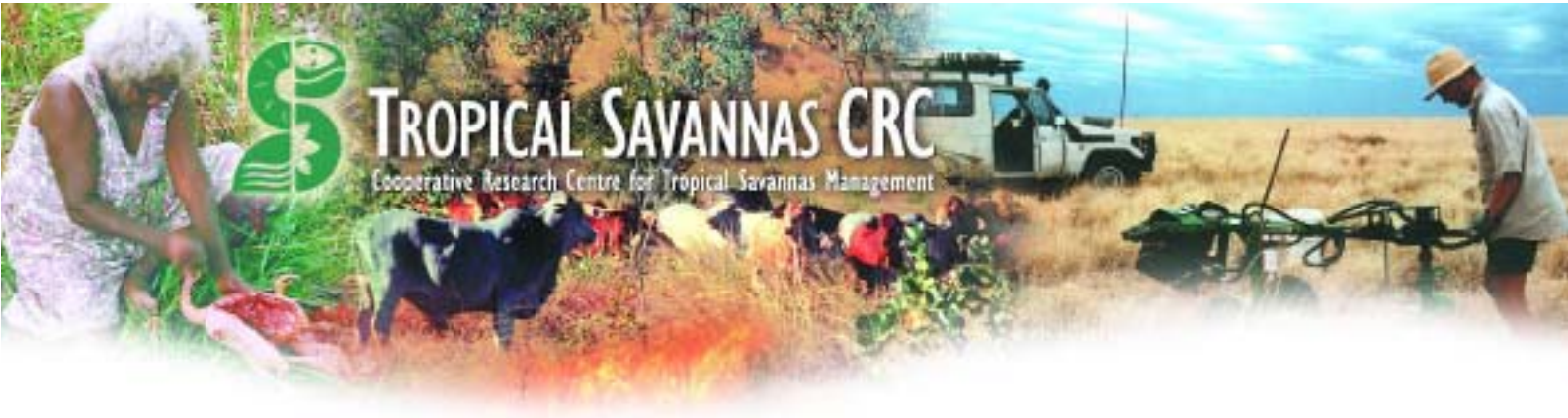
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The CRC Program is an Australian Commonwealth Government funded program



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Semester 2: JCU, Cairns Campus

EV5252: Indigenous Environmental Management in Tropical Australia

Introduces Indigenous peoples' roles in Australian tropical environments. Students learn about Indigenous perspectives and then participate in an intensive field experience with Indigenous environmental management organisations, traditional owners and other Indigenous Australians.

Compulsory three-day residential in Cairns, Qld

EV5051: Environmental Decision Making in Tropical Australia

This subject examines the social, economic and political contexts of decision making in tropical Australia. Students learn about the roles of various stakeholders in managing land in the region. Complex issues contributing to northern land management are examined.

Compulsory two-day residential in Cairns, Qld

Partner university units

Suitable units from partner universities JCU and UQ can be taken as electives in the TEM program. Please refer to the JCU and UQ websites for details of units they offer.

JCU: <www.jcu.edu.au> UQ: <www.uq.edu.au>

Travel Scholarships

The TS-CRC may award scholarships of \$450 to students from either JCU, UQ or CDU to assist with travelling costs. This may be awarded for a compulsory residential where the student has a cross-institutional enrolment.

CDU CRICOS Provider No. 00300K

Semester 2: CDU, Darwin

SES501: Landscape Ecology and GIS

This unit encourages students to look at landscapes holistically when considering environmental management. It integrates physical, biological and anthropogenic aspects of the environment. It looks at how landscape features are related in space and time, and how interdependence of these factors determine landscape functionality and appearance today.

Can be taken as a fully external unit

SBI509: Managing Northern Rangelands

Structured around problem-solving, students in this unit prepare an environmental management plan for a pastoral property managed for multiple land uses in the Northern Territory. This unit was created by a team of researchers and stakeholders in rangeland management and uses a team approach to explore land-management issues.

Five-day residential in the NT

Course information: Dr Lindsay Hutley, CDU

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Travel scholarships: Dr Penny Wurm, CDU

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Units can be credited towards a graduate degree at other universities

<www.cdu.edu.au/ehs/science/mtem/>

TS-CRC PARTNER ORGANISATIONS

The Tropical Savannas CRC (TS-CRC) is an unincorporated joint venture established by an Agreement between the Commonwealth of Australia and the following parties: Charles Darwin University | CSIRO: Land & Water; Sustainable Ecosystems | Department of Agriculture WA | Department of Conservation WA | Director of National Parks | James Cook University | Meat and Livestock Australia | North Australia Beef Research Council | North Australia Indigenous Land and Sea Management Alliance | NT Department of Business, Industry and Resource Development | NT Department of Infrastructure, Planning and Environment | Queensland Department of Natural Resources & Mines | Queensland Department of Primary Industries | Queensland Parks & Wildlife Service | University of Queensland |

