Master of Research and Development Management (IX99)

Year offered: 2011
Admissions: Yes
Course duration (full-time): 3 semesters.
Course duration (part-time): 6 semesters.
Domestic Fees (indicative): 2011: $10,000 (indicative) per semester
International Fees (indicative): 2011: $11,250 per semester
Course coordinator: Professor Paul Burnett
Campus: Internet

Important Note
This course is an online course and there is no requirement for a face-to-face session.

Course Enquiries
research.enrolment@qut.edu.au
This course is offered jointly by the 5 ATN universities - Curtin University of Technology; Queensland University of Technology; RMIT University; University of South Australia; University of Technology Sydney

Full-time students
Full-time students should enrol in IFP100, IFP105, IFP108, IFP109, IFP110 and 7 other units to complete 144 credit points in three semesters.

Part-time students
Part-time students can enrol in one or two units per semester for up to six semesters maximum.

Early Exit Options
Graduate Certificate and Diploma exit points are available following completion of four and eight units.

Advanced Standing
Students with appropriate prior qualifications and/or professional experience may apply for advanced standing of up to 48CP towards the Master of R&D Management. Recognition for concurrent Professional Development activities may be possible. Registered members of professional societies may be eligible to receive advanced standing for approved professional development activities completed during enrolment in the award.

Concurrent Enrolment
Research students are allowed to enrol concurrently in the Graduate Certificate and in their research course subject to the approval of the Research Degrees Committee. Research students may apply for leave of absence from their research course for the period of full time enrolment in the Graduate Certificate.

Course structure

IFP100 Knowledge Transfer and Research Commercialisation
IFP101 Leadership and Workplace Communication
IFP102 Project Management and Research
IFP103 Public Policy and Research
IFP104 Entrepreneurial Foundations
IFP105 Principles and Practice of Research Management
IFP106 Managing Research Careers
IFP107 Global Sustainability
IFP108 Strategic Issues in Research Management
IFP109 Contexts For Research & Development Management
IFP110 R&D Management Project 1
IFP111 R&D Management Project 2

Potential Careers:

UNIT SYNOPSES

IFP100 KNOWLEDGE TRANSFER AND RESEARCH COMMERCIALISATION
This unit provides you with practical information and builds skills and capacities in the identification of commercialisation opportunities and the implementation of commercialisation processes appropriate to your research.

Credit points: 12
Campus: Internet
Teaching period: 2011 SEM-1, 2011 SEM-2 and 2011 SUM
IFP101 LEADERSHIP AND WORKPLACE COMMUNICATION
This unit provides you with an understanding of:
Introductory theories relating to the dynamics of teams and teamwork, and the communication process.
The practical information and skills to increase the motivation of yourself and others.
Credit points: 12    Campus: Internet    Teaching period: 2010 SEM-2

IFP102 PROJECT MANAGEMENT AND RESEARCH
This subject allows students to assess, plan and manage a chosen research project as a basis for learning about project management lifecycles and generic project management processes including initiating, planning, executing, controlling and evaluating the project.
The subject introduces techniques for managing the project's stakeholders as well as those regarding its scope, time, cost, quality, communication, procurement and risk.
Credit points: 12    Campus: Internet    Teaching period: 2010 SEM-2

IFP103 PUBLIC POLICY AND RESEARCH
This unit introduces a number of themes and issues on the relationship between research and public policy; these will help you to better understand the world of public policy. You will become more confident in dealing with that public policy world, whether that be in working within it, seeking to influence it, or trying to obtain something from it.
Credit points: 12    Campus: Internet    Teaching period: 2011 SEM-1 and 2011 SEM-2

IFP104 ENTREPRENEURIAL FOUNDATIONS
The aim of this course is to help you develop and systematically apply an entrepreneurial way of thinking that will allow you to create and/or identify opportunities that may be commercialised successfully. It is the process of building something from nothing - risk is involved. The course is not about small business or lifestyle business management; it focuses on entrepreneurial and innovative growth-orientated businesses.
Credit points: 12    Campus: Internet    Teaching period: 2011 SEM-1, 2011 SEM-2 and 2011 SUM

IFP105 PRINCIPLES AND PRACTICE OF RESEARCH MANAGEMENT
This unit aims to improve understanding of the range of frameworks, and issues involved in the field of research management including research ethics, research training, research dissemination and multi-partner research collaboration. In exploring these frameworks and issues, the unit will acknowledge the human factors in research organisations and will examine the data management systems and other technologies which underpin the operation of a typical research services unit.
Credit points: 12    Campus: Internet    Teaching period: 2011 SEM-1 and 2011 SEM-2

IFP106 MANAGING RESEARCH CAREERS
This unit aims to provide you with an understanding of the patterns of research career development, and of the principles and mechanisms of career self-management. It aims to assist you to develop the analytical approaches to professional development needs of researchers, and the personal skills of effective presentation to employers at various levels in the research and research management fields.
Credit points: 12    Campus: Internet    Teaching period: 2011 SEM-1

IFP107 GLOBAL SUSTAINABILITY
Credit points: 12    Teaching period: 2010 SEM-2

IFP108 STRATEGIC ISSUES IN RESEARCH MANAGEMENT
This unit looks at:
Initiating and Building multi-partner research collaboration: effective network development; new venture formation; international perspectives
Managing Research Governance: governance frameworks; research codes, compliance and complaints; company directorships, boards, legislation
Managing Research Investment: financing research through diverse revenue streams; the role of incentive schemes; the annual budget cycle
Research organisation development – mission and strategy: strategic planning; achieving buy-in through effective communication; quality assurance and risk management
Prerequisites: IFP105    Credit points: 12    Campus: Internet    Teaching period: 2010 SEM-2

IFP109 CONTEXTS FOR RESEARCH & DEVELOPMENT MANAGEMENT
Assumed knowledge: 24 credit points of study in IX97 or IX99 is assumed knowledge.    Credit points: 12    Teaching period: 2011 SEM-1

IFP110 R&D MANAGEMENT PROJECT 1
The R & D Management Project can include any topic within the overall boundaries of the program as it is structured around a learning agreement between a student and a project supervisor. This learning agreement is drafted by the student and negotiated with a supervisor chosen for their ability to supervise in the general topic area.
Assumed knowledge: 24 credit points of study in IX97 or IX99 is assumed knowledge.    Credit points: 24
IFP111 R&D MANAGEMENT PROJECT 2
The R & D Management Project can include any topic within the overall boundaries of the program as it is structured around a learning agreement between a student and a project supervisor. This learning agreement is drafted by the student and negotiated with a supervisor chosen for their ability to supervise in the general topic area.

Assumed knowledge: 24 credit points of study in IX97 or IX99 is assumed knowledge.

Credit points: 24

Campus: Internet and External  
Teaching period: 2011 SEM-1, 2011 SEM-2 and 2011 SUM