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PREAMBLE—very important

At the time of printing this handbook The University of Sydney and Charles Sturt University were in the final stages of transferring the Orange Campus of the University of Sydney, and the University's Faculty of Rural Management, to Charles Sturt University. The transfer, from an operational point of view, is expected to occur on January 1, 2005.

Students should note the course rules contained in this handbook are those which were in force whilst the Faculty of Rural Management was within the University of Sydney. Although all undergraduate students commencing their studies in 2005 will be Charles Sturt University students they will be subject to the course rules contained in this handbook until such time that the Faculty is able to incorporate appropriate Charles Sturt University course rules. It is anticipated that the adoption of Charles Sturt University course rules will occur before the commencement of the second semester of 2005 and when this has occurred all commencing students will be provided with appropriate notification and a copy of such course rules.
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<td>January</td>
<td>Sat 1</td>
<td>New Year’s Day—Public Holiday</td>
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<tr>
<td></td>
<td>Fri 14</td>
<td>Last date to lodge March 2005 Distance Education Study Applications</td>
</tr>
<tr>
<td></td>
<td>Wed 26</td>
<td>Australia Day—Public Holiday</td>
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<tr>
<td>February</td>
<td>Mon 7</td>
<td>TAFE Semester 1 commences</td>
</tr>
<tr>
<td></td>
<td>Wed-Sun 9-13</td>
<td>Pre-semester Residential School period for Distance Education students on the Orange campus</td>
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<td></td>
<td>Fri 11</td>
<td>Orientation Day for New Distance Education students</td>
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<td></td>
<td>Mon-Frd 14-18</td>
<td>USYD Nursing Block 1</td>
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<tr>
<td></td>
<td>Mon-Tues 14-15</td>
<td>Orientation for commencing Equine Business Management students</td>
</tr>
<tr>
<td></td>
<td>Tues-Fri 15-18</td>
<td>Enrolment Day and Orientation for new Internal Students</td>
</tr>
<tr>
<td></td>
<td>Mon 21</td>
<td>Autumn Semester begins</td>
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<td></td>
<td>Wed-Thurs 23-24</td>
<td>Post, Special and Extended Semester Option Examinations</td>
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<td></td>
<td>Fri 25</td>
<td>Last day for enrolment variations and payment of fees by continuing internal students. Penalties apply after this date.</td>
</tr>
<tr>
<td></td>
<td>Mon 28</td>
<td>Master of Sustainable Management—Session 1 commences</td>
</tr>
<tr>
<td></td>
<td>Mon 28</td>
<td>USYD Nursing Block 2 commences</td>
</tr>
<tr>
<td>March</td>
<td>Sat 5</td>
<td>USYD Nursing Block 2 finishes</td>
</tr>
<tr>
<td></td>
<td>Mon 14</td>
<td>Census Date—MSM program session 1</td>
</tr>
<tr>
<td></td>
<td>Mon-Fri 14-18</td>
<td>USYD Nursing Block 3</td>
</tr>
<tr>
<td></td>
<td>Fri 18</td>
<td>HECS-Help ‘up-front’ payment due for Autumn semester</td>
</tr>
<tr>
<td></td>
<td>Fri 18</td>
<td>Scholarship Applications (most) close</td>
</tr>
<tr>
<td></td>
<td>Thurs 24</td>
<td>Mid Semester break begins at end of teaching day</td>
</tr>
<tr>
<td></td>
<td>Fri 25</td>
<td>Good Friday—Public Holiday</td>
</tr>
<tr>
<td></td>
<td>Mon 28</td>
<td>Easter Monday—Public Holiday</td>
</tr>
<tr>
<td></td>
<td>Wed 30</td>
<td>Final date to withdraw enrolment from Autumn semester units and avoid HECS-Help liability.</td>
</tr>
<tr>
<td>April</td>
<td>Mon 11</td>
<td>TAFE Autumn student vacation begins</td>
</tr>
<tr>
<td></td>
<td>Mon 18</td>
<td>On-campus-classes resume</td>
</tr>
<tr>
<td></td>
<td>Mon-Fri 18-22</td>
<td>USYD Nursing Block 4</td>
</tr>
<tr>
<td></td>
<td>Fri 22</td>
<td>Master of Sustainable Management—Session 1 finishes</td>
</tr>
<tr>
<td></td>
<td>Tues 25</td>
<td>Anzac Day—Public Holiday</td>
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<tr>
<td></td>
<td></td>
<td>TAFE student vacation ends</td>
</tr>
<tr>
<td>May</td>
<td>Mon 9</td>
<td>Master of Sustainable Management—Session 2 commences</td>
</tr>
<tr>
<td></td>
<td>Mon-Fri 9-13</td>
<td>USYD Nursing Block 5</td>
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<tr>
<td></td>
<td>Fri 20</td>
<td>Scholarships and Awards presentation</td>
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<tr>
<td></td>
<td>Sat-Sun 21-22</td>
<td>Census Date—MSM Session 2</td>
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<tr>
<td></td>
<td>Mon 23</td>
<td>Last day for withdrawal from Autumn semester units and avoid academic penalty (FRM Units only)</td>
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<tr>
<td></td>
<td>Mon 23-27</td>
<td>USYD Nursing Block 6</td>
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<tr>
<td>June</td>
<td>Fri 10</td>
<td>On-campus classes end</td>
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<tr>
<td></td>
<td>Mon 13</td>
<td>Queen’s Birthday—Public Holiday (to be proclaimed)</td>
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<tr>
<td></td>
<td>Tues 14</td>
<td>USYD Nursing—clinical/exam period begins</td>
</tr>
<tr>
<td></td>
<td>Tues 14</td>
<td>Examination period begins</td>
</tr>
<tr>
<td></td>
<td>Fri 24</td>
<td>Examination period ends and Autumn Semester ends</td>
</tr>
<tr>
<td>July</td>
<td>Fri 1</td>
<td>Master of Sustainable Management—Session 2 ends</td>
</tr>
<tr>
<td></td>
<td>Sun 3</td>
<td>TAFE Semester One ends</td>
</tr>
<tr>
<td></td>
<td>Mon 4</td>
<td>TAFE winter student vacation begins</td>
</tr>
<tr>
<td></td>
<td>Fri 8</td>
<td>USYD Nursing clinical/exam period finishes</td>
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<tr>
<td></td>
<td>Mon 11</td>
<td>Mid Year Orientation Day for Distance Education students</td>
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<td>Mon-Sun 11-17</td>
<td>Pre-Semester Distance Education residential school period at the Orange campus begins</td>
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<tr>
<td>Date</td>
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<tr>
<td>Sun 17</td>
<td>TAFE winter student vacation ends</td>
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<td>Mon 18</td>
<td>TAFE Semester 2 commences</td>
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<tr>
<td>Mon-Fri 18-22</td>
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<td>Mon 18</td>
<td>Master of Sustainable Management—Session 3</td>
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<td>Mon 25</td>
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<td>On-campus classes commence</td>
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<td>Wed-Thurs 27-28</td>
<td>Post and Special Examinations</td>
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<td>Fri 29</td>
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<td>continuing internal students. Penalties apply after this date.</td>
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<td><strong>August</strong></td>
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<td>Mon 1</td>
<td>Census Date—MSM program session 3</td>
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<td>Mon-Fri 1-5</td>
<td>USYD Nursing Block 8</td>
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<td>Mon-Fri 15-19</td>
<td>USYD Nursing Block 9</td>
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<td>HECS-Help ‘up-front’ payment due for Spring Semester</td>
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<td>Mon 29</td>
<td>USYD Nursing Block 10 commences</td>
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<td>Wed 31</td>
<td>Final date to withdraw from</td>
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<td>Spring Semester unit enrolments and avoid HECS-Help liability</td>
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<td>Wed 31</td>
<td>Final Date to apply for leave of</td>
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<td>absence for Spring Semester</td>
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<td><strong>September</strong></td>
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<td>Fri 2</td>
<td>USYD Nursing Flock 10 finishes</td>
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<td>Fri 9</td>
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<td>Mon-Fri 12-23</td>
<td>Mid-Semester period</td>
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<td>Tues-Sun 20-25</td>
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<td>Education students at the Orange Campus</td>
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<td>Mon 26</td>
<td>Scheduled classes for on campus FRM students resume</td>
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<td>Mon 26</td>
<td>Master of Sustainable Management—Session 4 commences</td>
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<td>TAFE Spring Semester vacation commences</td>
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<td><strong>October</strong></td>
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<td>Mon 3</td>
<td>Labour Day—Public Holiday (to be proclaimed)</td>
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<td>Sun 9</td>
<td>TAFE Spring Student vacation ends</td>
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<td>Mon 10</td>
<td>Census Date—MSM program Session 4</td>
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<td>Mon-Fri 10-14</td>
<td>USYD Nursing Block 11</td>
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<td>Mon 17</td>
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<td>Fri 4</td>
<td>FRM classes finish</td>
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<tr>
<td>Mon 7</td>
<td>USYD Nursing clinical/exams commence</td>
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<tr>
<td>Mon 7</td>
<td>Examination period begins (FRM students)</td>
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<tr>
<td>Sun 13</td>
<td>Due date for assessment items; FRM current year graduating students</td>
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<tr>
<td>Fri 18</td>
<td>Master of Sustainable Management—Session 4 ends</td>
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<td>Fri 18</td>
<td>Examination period ends (FRM students)</td>
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<td>Fri 2</td>
<td>USYD Nursing clinical/exams end</td>
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<td>Fri 9</td>
<td>Graduation Day</td>
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<tr>
<td>Sun 18</td>
<td>TAFE Semester 2 ends</td>
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</tbody>
</table>
Faculty and Campus Staff

Dean and Campus Director
Kevin A Parton, BComm(Hons) Liv, MScAgEc Newcastle (UK), PhD NE

Executive Assistant
Kerry Madden

Pro Dean
Ross H Wilson, BAgEc NE, MEd NE, GradDipTertiaryEd NE, GradDipFinMan NE, ASA

Associate Dean (Teaching and Learning)
Christopher K Morgan, BScAgr, GradDipEd CCAE, MEd (Hons) NE
Administrative Assistant
Joanne Porter

Associate Dean (Research)
Geoffrey Gurr, BSc(Hons) Plymouth, GradCertEdStud DIC Imperial College, PhD Lond., FRES
Administrative Assistant
Maureen MacKinney

Academic Staff

Professors
Chair of Farming Systems
David Kemp, BScAgr (Hons), MScAgr, PhD WA, FAIST, CPAg

Professor of Environmental Economics
Kevin A Parton, BComm(Hons) Liv, MScAgEc Newcastle (UK), PhD NE

Associate Professors
Geoffrey Gurr, BSc(Hons) Plymouth, GradCertEdStud DIC Imperial College, PhD Lond., FRES

Senior Lecturers
Basil Baldwin, BSc (Hons) (Agric) Nott, GradDipEd SCAE, MAGsci Adel, CPAg
Rodney Cox, TDA Tocal Ag Col., GradDipAg Hawkesbury Ag Col., MRurSc NE
Dennis Hodgkins, BSc (Agric) W Aust, MA Murdoch, DipEd W Aust., GradDipEnvMgt C Sturt
Margaret McKerchar, BA (Acct) CCAE, MBA NE, PhD UNSW, CPAg
Christopher Morgan, BScAgr, GradDipEd CCAE, MEd (Hons) NE
Anantanarayanan Raman, BSc, DSc, MSc, PhD Madras
Geoffrey Watson, BRurSc (Hons) NE, MEd NE, PhD Stell, GradDipAg Hawkesbury Ag Col.
Ross Wilson, BAgEc NE, MEd NE, GradDipTertiaryEd NE, GradDipFinMan NE, ASA
Zhangyue Zhou, BAgEc Nanjing, MEd NE, PhD Griff.

Lecturers
Johannes Bauer, PhD (Zool), MSc (Forestry) Albert-Ludwigs University, Freiburg, Dip.Sc. (Wildl. Mgmt) Otago, N.Z.
Zelma Bone, BA UNSW, GradDipEd NSW, MEd SCross, AssocDipAsianStud DDIAE
Lee Britton, BBus (Acct) C Sturt, GradDip VocEd and Training C Sturt, MPET Deakin, PNA, ACIS
Al Charry, MSc Col., PhD NE
John Eiseman, BSc ANU, GradDipHortSc Cant., MSc (Hons) W.Syd.
Mark Frost, BEd NE, MAplSc in Agriculture and Rural Development W. Syd.
Peter Hedberg, BSc Agr, MScAgr

A Sue Johnson, DipAppSc (Agric) Wagga Ag. Col., GradDipEd (Agric) Riverina CAE, MApplSci (Ag) C Sturt

Cecilia Kinross, AssocDipWildlife and Park Man SCAE, BA NE, GradDipResMan Canb., PhD C Sturt

Anthony McKenzie, BA DipEd Monash, MSc (Hons) W.Syd Hawkesbury

Jan Toner, LLM Macq., GradDipLeg Prac UTS DipLaw LPAB

Warwick Wheatley, WDA Wagga Ag. Col.

Walter Whiteley, BRurSc NE, MApplSci (A&RD) UWS

Associate Lecturers
Judith Crockett, BA MA DipEnvMgt Grad CertAgronFarmSys Adel., PhD CSU, CPAg
Amanda Warren-Smith, BAppSci Equine (Hons) C Sturt, MApplSci (A&RD) UWS, NCAS IG

Honorary Appointments
Emeritus Professor
John W Chudleigh, BScAgr (Hons)

Adjunct Professor
Bruce Auld, MScAgr., PhD, FAIAST

Adjunct Professor
John Mullen, M Ec. UNE, PhD Texas A&M

Adjunct Professor
Murray Fletcher, BSc (Hons) Syd, PhD Syd

Adjunct Professor
David Michalk, BScAgr Syd, PhD Utah

Adjunct Lecturer
Andrew Rawson, BSc (Hons) UNSW, MSc Syd, PhD Newcastle
Honorary Associate Professor
Evan R Hunt, MVSc, PhD, GradDipEd (Tert) DDLAE

Honorary Senior Lecturer
Neil R Jones, BScAgr.

Honorary Lecturer
Antony Smith, BLegS Macq., Barrister of Supreme Court of NSW

Honorary Associate
David McKenzie, BNat Res UNE, MSc UNE, PhD Syd

Honorary Associate
John Slade, B Bus (AgCom)

Honorary Associate
Greg Jones, BSc (Agr) (Hons), MRurSc UNE, PhD UNE

Honorary Associate
Alex Nikandrow, BScAgr Syd, MScAgr Syd, PhD Adel.

Honorary Associate
Peter Dowling, BScAgr Syd, MScAgr Syd, PhD Cornell

Visiting Professor
David Goldney, BSc Adel., Dip Ed Adel., PhD UQ, DSc (Honoris causa) C Sturt. MEIA

Visiting Professor
Stephen Wratten, BSc Reading, PhD Glasgow, MA Cambridge, DSc Southampton

Professional Services
Executive Officer
Carol Grosskopf

Learning Material Production Unit
Head
Christopher Morgan, BScAgr, MEd (Hons) NE, GradDipEd CCAE

Educational Development
Anthony McKenzie, BA DipEd Monash, MSc (Hons) W.Syd Hawkesbury

Editor
Marjorie Wilson, BA (Hons) Monash, TSTC Melb. W.Syd Hawkesbury

Online Learning Coordinator
Sally Brownlow, BA NE, DipEd. NE

Secretarial Services
Annette Robey
Michelle Langham

Research Assistants
Karilyn Gilchrist, MedLab Tech NZ
Donna Read, HNC MedLabSc UK

Technical and Field Staff
Stephen Mannix Adv. Dip. Horse Man. OAC (Farm)
Victor Hazlett
Cheryl Gander
Peter Cannon (Vineyard)

Laboratories
Karen Gogala BSc, Dip. Hort Sc NE

Rural Management, Research Institute
Helen Nicol
Marja Simpson (maternity leave)
Karilyn Gilchrist
## Research interest and activities

<table>
<thead>
<tr>
<th>Staff Member</th>
<th>Research interests</th>
<th>Current activities</th>
</tr>
</thead>
</table>
| **Mr Basil Baldwin**          | Sustainable agriculture practice and education. Research interests include assessment and design of sustainable farming systems, salt management and new tree crops, particularly the establishment of an Australian hazelnut industry. Educational interests include the role, development and use of case studies in learning. | • Salinity assessment and management at Boorowa, NSW.  
• Evaluation of the field productivity of hazelnut varieties in NSW and Victoria.  
• Development of property and catchment plans with Landcare groups.  
• Farmers’ approaches to the development of more sustainable farming systems.  
• Farmer participation in assessing dairy farm sustainability (supervision of postgraduate research student project).  
• Native pasture management in the NSW Central Tablelands (supervision of postgraduate research project). |
| **Dr Johannas Bauer**         | Integrating Conservation with Development.  
Wildlife Conservation, Game and Fisheries Management.  
Wildlife and Nature-based Tourism.  
Ecology and Evolution of the Caprinae (sheep-like mammals).  
Restoration Ecology and Environmental Ecosystem Services.  
• Farm Restoration for Environmental Services (long-term project since 1991 currently being written up as book).  
• The Ecology and Management of Apline Mammal Communities in Asia.  
• The Development of a Model for Wildlife Tourism, The Qinling Mountain Giant Panda Tourism Project (with CRC Sustainable Tourism).  
• The Development of Specialised Wildlife Mgt courses (Game and Fisheries Mgt Wildlife Tourism).  
• The Commercialisation and Integration of Vertebrate Pest Management. |
| **Ms Zelma Bone**             | Improving teaching and learning.  
Capability education.  
Deliberation in rural communities. | • The business mentor’s experience with first year students in management case study learning.  
• The value of the capability portfolio to students and employers.  
• Public deliberation in natural resource management. |
<table>
<thead>
<tr>
<th>Staff Member</th>
<th>Research interests</th>
<th>Current activities</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Ms Lee Britton</strong></td>
<td>Adult education.</td>
<td>• Integrating international accounting standards applicable in Australia from January 2005 into accounting units of study where relevant.</td>
</tr>
<tr>
<td>Lecturer, Accounting BBus (Acct) CSU</td>
<td>Online teaching and learning strategies.</td>
<td>• Integration of on and off campus students in online classrooms.</td>
</tr>
<tr>
<td>GradDip VocEd &amp; Training CSU</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MPET Deakin</td>
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<td>PNA, ACIS</td>
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<tr>
<td><strong>Dr A. (Al) Charry</strong></td>
<td>Farming systems research, Holistic Management, Optimal and Stochastic programming.</td>
<td>• Farming systems research.</td>
</tr>
<tr>
<td>Lecturer, Quantitative Management</td>
<td></td>
<td>• Quantitative modelling of farming systems.</td>
</tr>
<tr>
<td>MSc Col</td>
<td></td>
<td>• Optimal and stochastic programming.</td>
</tr>
<tr>
<td>PhD NE</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Mr Kerry Cochrane</strong></td>
<td>Values, learning styles and right brain-left brain approaches in management and education., Capability education. Experiential learning. Action research.</td>
<td>• Assessment in a capability education program.</td>
</tr>
<tr>
<td>Lecturer, Sustainable Agriculture</td>
<td></td>
<td>• Innovative business development in the dairy industry.</td>
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<tr>
<td>BScAgr</td>
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<tr>
<td>MA Lanc.</td>
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<tr>
<td>GradDipSocComm, Hawkesbury Ag. Coll.</td>
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<td></td>
</tr>
<tr>
<td>DipEd Syd Teach. Coll.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Mr Rod Cox</strong></td>
<td>Value chain management. Meat quality management. Consumer preferences. Australian beef industry.</td>
<td>• On-farm management of beef cattle for quality product outcomes.</td>
</tr>
<tr>
<td>Senior Lecturer, Livestock Prod/ Agricultural Systems</td>
<td></td>
<td>• Eating quality standards and the Australian beef industry.</td>
</tr>
<tr>
<td>MRurSc NE</td>
<td></td>
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<tr>
<td>TDA Tocal Ag. Coll.</td>
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<tr>
<td>GradDipAg Hawkesbury Ag. Coll.</td>
<td></td>
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</tr>
<tr>
<td><strong>Dr Judith Crockett</strong></td>
<td>Indicators of social sustainability.</td>
<td>• The use of deliberation as a tool for resolving natural resource management problems.</td>
</tr>
<tr>
<td>Lecturer in Management and Sustainability</td>
<td></td>
<td>• The role of rural community pharmacists in the management of depression.</td>
</tr>
<tr>
<td>BA MA DipEnvMgt</td>
<td>Rural culture.</td>
<td>• Cultural barriers to achieving sustainable farming enterprises.</td>
</tr>
<tr>
<td>GradCertAgronFarmSys Adel.</td>
<td>Family Farming.</td>
<td>• Trials of social sustainability indicators.</td>
</tr>
<tr>
<td>PhD CSU, CPAg</td>
<td>Barriers to achieving sustainble natural resource management.</td>
<td>• Industrial cluster development in Orange, Blayney and Cabonne shires.</td>
</tr>
<tr>
<td></td>
<td>Rural and environmental sociology</td>
<td>• Integrated catchment management.</td>
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<tr>
<td></td>
<td>Organisational sociology.</td>
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</tr>
<tr>
<td></td>
<td>Regional economic development, especially through SME’s.</td>
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<td></td>
<td>Rural health and education.</td>
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<tr>
<td>Staff Member</td>
<td>Research interests</td>
<td>Current activities</td>
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</tr>
<tr>
<td><strong>Mr Mark Frost</strong></td>
<td>The relationship between world commodity prices, the $A and farm-gate commodity prices. Sustainable development and triple bottom line valuation of business. Trends in the Australian financial system.</td>
<td>Researching the impact of the $A as a filter between world commodity prices and farm gate prices, in particular beef, wool, and wheat. Researching the establishment of regional industry networks in the Central West.</td>
</tr>
<tr>
<td><strong>Associate Professor Geoff Gurr</strong></td>
<td>Integrated pest management (IPM) with a major focus on horticultural and field crops. Evaluation of ‘soft’ pesticides. Biological control using food bearing plants as resources for natural enemies. Tritrophic studies of host-plant/herbivore/natural enemy interactions. IPM education. Measuring and enhancement of ecosystem services (e.g. natural pest regulations) by functional agricultural biodiversity.</td>
<td>Conservation of natural enemies by habitat management: investigations with vineyards, soybeans and tree shelterbelts. Investigation of the compatibility of trichome-based host plant resistance and biological control. Biology and management of pests &amp; diseases in apples, vineyards &amp; herbage crops.</td>
</tr>
<tr>
<td><strong>Mr Peter Hedberg</strong></td>
<td>Horticultural management with a major focus on viticulture. Water and soil management.</td>
<td>Applied viticulture business and production management models. Subsoil acidity in tablelands vineyards. Cool climate viticulture.</td>
</tr>
<tr>
<td><strong>Mr Dennis Hodgkins</strong></td>
<td>Social and policy issues in natural resource management. Grazing and soil management.</td>
<td>Decision processes in catchment-based management. Impacts of grazing on soil biota.</td>
</tr>
<tr>
<td>Staff Member</td>
<td>Research interests</td>
<td>Current activities</td>
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<tr>
<td>Ms Sue Johnson</td>
<td>Management systems, PACC/ HACC including quality assurance, meat quality, woolfibre usage management systems. Rural/producer education - what’s the barrier? Consumer research.</td>
<td>• Quality control systems (meat). • Consumer research, best practice management systems, communication mechanisms. • Raw product testing (MRC Marketlink program Enduser consultant and meat quality audit).</td>
</tr>
<tr>
<td>Professor David Kemp</td>
<td>Sustainable agriculture to improve the long term viability of farms and rural communities while rehabilitating and, or maintaining the environment. Development of processes for the analysis of results that bridge the gap between science and end users. The use of research techniques to analyse and improve the management of farms.</td>
<td>• Development of research at the University of Sydney in Orange and the Centre for Rural Sustainability. • Development of the Centre for Education in Orange. • Developing a new curriculum in Agronomy and related applied plant studies. • Improving the analysis and management of farming systems, including developing the disciplines of farm management/farming systems through a better linkage of biology and economics, indicators for sustainable systems and international farm comparisons. • Sustainable grazing systems through better management of grasslands including biodiversity of grasslands, with current emphasis on plants, insects and microbes and its relationship to management and profitability. Ecology and management of serrated tussock. Integrated management of broadleaf weeds in grasslands. Agronomy, management and use of chicory for sustainable systems. • Transfer of better management practices to Australian and third-world farmers. Methodology for the analysis of on-farm demonstrations.</td>
</tr>
<tr>
<td>Dr Cilla Kinross</td>
<td>Wildlife conservation, with special emphasis on bird habitat relationships in fragmented rural landscapes.</td>
<td>• Evaluation of farm windbreaks and shelter plantings as surrogate bird habitats. • Biodiversity in native tree plantations on farms. • Revegetation and regeneration strategies to improve ecological sustainability on farms.</td>
</tr>
</tbody>
</table>

Ms Sue Johnson
Lecturer, Livestock Production/ Agr Systems
GradDipEd (Agric) Riverina CAE
MAppSci (Ag) CSU

Professor David Kemp
Professor of Farming Systems
Director: Centre for Rural Sustainability
Leader: Farming Systems Group
BScAgr (Hons)
MScAgr Sydney
PhD Western Australia
FAIAST
CPAg

Dr Cilla Kinross
Lecturer, Environmental Management
BA NE
AssocDipWildlife & Park Man
SCAE
GradDipResMan Camb.
PhD CSU
<table>
<thead>
<tr>
<th>Staff Member</th>
<th>Research interests</th>
<th>Current activities</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Mr Tony McKenzie</strong></td>
<td>Critically reflective, transformative learning. Action learning and participatory action research. Capability-based curriculum design.</td>
<td>• Support and advice to unit development teams.</td>
</tr>
<tr>
<td>Educational Developer</td>
<td></td>
<td>• Web based teaching resources.</td>
</tr>
<tr>
<td>BA DipEd Monash</td>
<td></td>
<td>• Online learning support and unit development.</td>
</tr>
<tr>
<td>MSc (Hons) W. Syd</td>
<td></td>
<td>• Curriculum development in holistic and ecological praxis.</td>
</tr>
<tr>
<td><strong>Dr Margaret McKerchar</strong></td>
<td>Taxation policy. Taxpayer compliance behaviour. Interaction of tax agents with the tax system. Tax history. Tax and environmental sustainability.</td>
<td>• History of the development of taxation policy in Australia and its major influences.</td>
</tr>
<tr>
<td>Senior Lecturer, Accounting</td>
<td></td>
<td>• Contemporary tax policy and the interaction between the tax system, policymakers tax agents and taxpayers.</td>
</tr>
<tr>
<td>BA (Accounting) CCAE</td>
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<tr>
<td>MBA NE</td>
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<tr>
<td>PhD NSW</td>
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<tr>
<td>CPA</td>
<td></td>
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<tr>
<td>Senior Lecturer, Business</td>
<td></td>
<td>• Re-conceptualising distance education within educational frameworks.</td>
</tr>
<tr>
<td>Management and Head, Educational Services.</td>
<td></td>
<td>• Developing systems to utilise emerging technologies to assist student learning.</td>
</tr>
<tr>
<td>BScAgr Syd.</td>
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<tr>
<td>MEd (Hons) NE</td>
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<tr>
<td>GradDipEd CCAE</td>
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<tr>
<td><strong>Professor Kevin Parton</strong></td>
<td>Climate change and disease in Australia and China. Economics of rural markets in Ethiopia.</td>
<td>• Climate variation and Ross River Virus infection.</td>
</tr>
<tr>
<td>Dean and Campus Director</td>
<td></td>
<td>• Trends in mortality rates for infectious and parasitic diseases.</td>
</tr>
<tr>
<td>BComm (Hons) Liv</td>
<td></td>
<td>• Factors affecting the transmission of haemorrhagic fever with renal syndrome in China.</td>
</tr>
<tr>
<td>MScAgEc Newcastle UK</td>
<td></td>
<td>• Rural Factor Markets in Ethiopia following de-collectivisation.</td>
</tr>
<tr>
<td>PhD NE</td>
<td></td>
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<tr>
<td>Senior Lecturer, Sustainable</td>
<td></td>
<td>• Chemical ecology of <em>Ophelimus saligna</em> (Hymenoptera) infesting Eucalyptus saligna.</td>
</tr>
<tr>
<td>Land Management</td>
<td></td>
<td>• Nutritional physiology of <em>Epiblema strenuana</em> (Lepidoptera) and <em>Conotrachelus albocinereus</em> (Coleoptera) and parthenium weed control mechanisms.</td>
</tr>
<tr>
<td>BSc</td>
<td></td>
<td>• Assessment of the widening gap between humans and nature: ecological agricultural solutions.</td>
</tr>
<tr>
<td>MSc</td>
<td></td>
<td>• Biological diversity and soil health indicators: post-cell grazing studies at the Narrambla site, USydney campus.</td>
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<td>PhD</td>
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<td>DSc Madras</td>
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<tr>
<td>Staff Member</td>
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<td>Current activities</td>
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<tr>
<td><strong>Ms Jan Toner</strong></td>
<td>Environmental Law. The educational challenge of teaching law as a component of a degree in another field.</td>
<td>• Undertaking PhD studies investigating the impact of legislating for biodiversity conservation on the property rights of land owners.</td>
</tr>
<tr>
<td>Lecturer in Law</td>
<td></td>
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<tr>
<td>LLM Macq</td>
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<tr>
<td>GradDipLeg Pract UTS</td>
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<tr>
<td>DipLaw LPAB</td>
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<tr>
<td><strong>Ms Amanda Warren-Smith</strong></td>
<td>Professional horse management</td>
<td>• The role of reinforcement in equitation.</td>
</tr>
<tr>
<td>Associate Lecturer in Equine Business Management</td>
<td>Improving teaching and learning Equine behaviour. Applying learning theory to horse training.</td>
<td>• Equine exercise physiology.</td>
</tr>
<tr>
<td>BAppSci Equine (Hons) CSU</td>
<td></td>
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</tr>
<tr>
<td>MAppSci (A&amp;RD) UWS NCAS IG</td>
<td></td>
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</tr>
<tr>
<td><strong>Dr Geoff Watson</strong></td>
<td>Theoretical developments and practical application of value management in marketing. Application of marketing frameworks to agricultural and environmental extension. Learning systems. Action research. Development of marketing models to empower farmers in taking responsibility for remnant bushlands.</td>
<td>• Value chain conceptual development for Australian agri-industry. • Application of value chain concepts in the Australian beef industry. • Designing marketing arena models that enable farmers to identify and manage opportunity and risk. • Value management relationships (supervision of postgraduate student research project).</td>
</tr>
<tr>
<td>Senior Lecturer, Marketing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BRurSc (Hons) NE MEc NE PhD Stell GradDipAg Hawkesbury Ag Coll.</td>
<td></td>
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</tr>
<tr>
<td><strong>Mr Warwick Wheatley</strong></td>
<td>Integrated pasture management. Tall fescue/perennial ryegrass/ endophyte/livestock associations. Endophyte viability in perennial ryegrass and tall fescue seed.</td>
<td>• Inhibition of foliar leafspot by substances produced by the perennial ryegrass/endophyte association. • Effects of novel endophyte on the persistence and production of tall fescue in eastern Australia. • Quality Assurance issues relating to perennial ryegrass and tall fescue seed in the marketplace. • PhD thesis write-up. • Endophyte working groups at national and international levels.</td>
</tr>
<tr>
<td>Lecturer, Agronomy</td>
<td></td>
<td></td>
</tr>
<tr>
<td>WDA Wagga Ag Coll.</td>
<td></td>
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</tr>
<tr>
<td><strong>Mr Walter Whiteley</strong></td>
<td>Farmer education using students. Crop management techniques.</td>
<td>• Evaluating long tours as a teaching strategy. • Assessing precision farming as an effective system in farm management. • Developing a crop management unit which involves students and farmers in an interactive environment.</td>
</tr>
<tr>
<td>Lecturer, Farm Management</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BRurSc NE MAppSci (A&amp;RD) UWS</td>
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<td>Staff Member</td>
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<tr>
<td><strong>Mr Ross H Wilson</strong></td>
<td>Financial Benchmarking.</td>
<td>• Rural financial performance indicators and benchmarks.</td>
</tr>
<tr>
<td></td>
<td>Sustainability and agribusiness financial management.</td>
<td>• “Triple Bottom Line” and sustainability.</td>
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<td></td>
<td>Tertiary education administration.</td>
<td>• Academic workload management models.</td>
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<tr>
<td><strong>Dr Zhangyue Zhou</strong></td>
<td>Grain economies.</td>
<td>• Grain demand and supply in China’s southeast coastal region.</td>
</tr>
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<td></td>
<td>Agricultural prices and marketing.</td>
<td>• Estimating China’s grain supply response at the regional level.</td>
</tr>
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<td>Rural economic development.</td>
<td>• Wheat production and consumption in China.</td>
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<td>Surveys.</td>
<td>• Rice market integration in China.</td>
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</table>
Faculty and Campus Structure

Administrative structure
On January 1, 1994 the Orange Agricultural College was established as an Academic College of the University of Sydney under Part 5, Section 27(1) of the University of Sydney Act 1989.
In 2000, following resolutions of the University Senate to restructure the Orange campus, the academic and research activities of the Orange Agricultural College were incorporated into a new faculty—The Faculty of Rural Management. The campus is named The University of Sydney, Orange.
The Dean and Campus Director of the Faculty of Rural Management, as chief executive officer, is responsible for the academic and administrative management of the Faculty and campus.

Academic structure
The University of Sydney, Orange Advisory Council
An Advisory Council has been established, the function of which is to advise the Dean and Campus Director on the operations and development of Faculty of Rural Management and Orange campus.
Membership of the Advisory Council is as follows:
• the Dean and Campus Director
• one elected member of the academic staff of the Faculty
• one elected member of the general staff of the campus
• one student enrolled in the Faculty in a course leading to an award, nominated by the Student Association
• one graduate of the Faculty of Rural Management (or Orange Agricultural College) nominated by the Orange Campus Student Association
• up to 10 members from the community who shall be persons connected with agricultural or allied industries or otherwise representative of relevant rural interests.

Advisory Council Members - 2004
Mr Alan Anderson
Mr Richard Beach
Mr Rod Cox
Mrs Lindy Eggleston
Ms Christine Hannus
Mr Michael Harvey
Mrs Beryl Ingold
Mr Geoff Linden
Mrs Kerry Madden (Secretary)
Mr Steve Morgan
Mr George Nichols
Mr Tony Peters (Chair)
Ms Penny Scott
Mr Chris Shearer
Dr Richard Sheldrake
Mr Jim Thorpe

Faculty
The University has established a Faculty known as the Faculty of Rural Management. The resolutions of Senate relating to Faculties are as follows:
1. The faculty or college board shall consist of the full-time permanent and fractional permanent members of the academic staff of departments and schools in the faculty or college and such other persons or classes of persons as are prescribed in the by-laws and by resolution of the Senate.
2. Notwithstanding any other provision of these resolutions a faculty or college board shall exercise its powers and functions subject to the authority of the Senate and the Academic Board and to any determination of, appointment by or reference made by, the Senate or the Board.
3. i) Subject to sections 2 and 3, a faculty or college board shall determine all matters concerning the degrees and diplomas in that faculty or college.
ii) Without limiting the generality of sub-subject (i), a faculty or college board may:-
   a) admit to and determine candidature for the degrees and diplomas in that faculty or college
   b) appoint supervisors and examiners of candidates for higher degrees in that faculty or college
   c) subject to subsection (3), on the recommendation of a professor in respect of a course of study in the field of his or her chair or of the head of the department or school concerned, approve courses of study for the degrees and diplomas in the faculty or college and arrangements for teaching such courses
   d) determine the nature and extent of examining in the courses of study in the subjects for the degrees and diplomas in the faculty or college
   e) determine the grades of pass to be awarded, and the conditions for granting deferred or supplementary examinations in respect of the courses of study in the subjects for the degrees and diplomas in the faculty or college, and
   f) supervise the work of departments and schools and members of the faculty or college under paragraphs (b), (c), (d) and (e).

The Faculty has established the following committees and boards:
• Standing Committee
• Rural Management Research Institute Management Committee
• Board of Studies
• Scholarships and Awards Committee.
The Dean of a faculty is ex-officio a member of the Academic Board of the University.
Distance Education

Study at home

The Faculty of Rural Management’s commitment to providing high quality distance education programs has helped it become one of Australia’s largest providers of distance education in agriculture and other rural management fields.

Many students prefer the option of study from home and for others it offers the only means of gaining a qualification while continuing to work.

Reflecting this trend, some courses from the Faculty are only offered by distance education. Other courses are available either by study on campus or by study at home. Some students choose to complete their course by mixing the distance and internal modes of study. While the majority of distance education students are part-time, some are able to study full-time.

The Faculty offers the following courses by distance education:

• Master of Sustainable Agriculture
• Graduate Diploma in Sustainable Agriculture
• Graduate Certificate in Sustainable Agriculture
• Master of Sustainable Landscape Management*
• Graduate Diploma in Landscape Management*
• Graduate Certificate in Landscape Management*
• Master of Sustainable Management
• Graduate Diploma in Sustainable Management
• Graduate Certificate in Sustainable Management
• Bachelor of Business (Agricultural Commerce)
• Bachelor of Farm Management
• Bachelor of Land Management
• Bachelor of Land Management (Ecological Agriculture)
• Bachelor of Horticultural Management
• Bachelor of Management
• Advanced Diploma of Business (Agricultural Commerce)
• Advanced Diploma of Farm Management
• Advanced Diploma of Horticulture
• Advanced Diploma of Horticultural Management
• Advanced Diploma of Land Management
• Advanced Diploma of Land Management (Ecological Agriculture)
• Advanced Diploma of Management
• Advanced Diploma of Viticultural Management

* subject to final approval

In addition, research degree students may undertake their programs on or off campus.

Distance education enables those with family or work responsibilities to undertake applied studies either part-time or full-time while remaining at home and in employment.

Study load

Distance education students should consider the commitment of time, energy and money necessary for their studies. Before enrolling, prospective students need to review carefully their personal and employment commitments and plan their study load accordingly. Program Leaders can assist students with study load planning. Students often choose to vary their study load from semester to semester and from year to year, according to these commitments.

Learning at a distance

Like other tertiary institutions, the Faculty is presently exploring the new opportunities to enrich distance learning provided by the Internet, and increasingly old distinctions between on and off campus study are becoming less pronounced. All external units are now supported by a WebCT site, which gives students easy access to unit teaching staff, and allows lively interactions among students. (Note: the level of WebCT activity varies from unit to unit, and within a given unit, from year to year).

Units of study are still, in most cases, based on a printed learning guide, occasionally supported by other study resources – audio, video, floppy disk or CD. In some cases, audio visual resources remain the property of the Faculty. As a general rule, students are expected to purchase the prescribed text for a unit, and seek out other relevant resources from the library, the Internet and elsewhere.

Written assignments

Students are expected to complete regular written assignments. Generally, assignments are learning vehicles tailored to the student’s individual needs, rather than simply assessment. These are marked and returned with comments. Most assessment is by assignment work. Written assignments and other exercises form an important part of most units in that they are a good indicator of student progress and enable lecturers to place emphasis on particular areas.

Assignments may be delivered to the campus by post, hand, fax or electronic mail.

Tutorials

Some units include telephone tutorials. Students are linked (usually at their home or workplace) by telephone in small groups for unit discussion, debate and student presentations.
Residential schools
Some units include either a compulsory or optional residential school. Schools are generally held at the Orange campus over a few days. Full details of residential school requirements are announced before students enrol. Students unable to attend a residential school may be required to complete some equivalent tasks in their own locality.

See Course Rule 4.1.4 for details of rules relating to residential school attendance.

Study groups
If offered a place in an external course, you will be asked to indicate at enrolment if you wish to have your name, address and telephone number made available to other students. If you approve, your details will be included on contact lists, called the ‘Geographic Roll’ sent to students early in the semester. Setting up study groups and maintaining contact is up to students.

Units available
Units offered for study at a distance are listed separately under each course outline. While the Faculty will endeavour to provide all units approved for offer by the Faculty and published in the course information booklets it reserves the right not to offer a unit if low enrolments make it non-viable.
Admission

1 Intake policy

1.1 Selection
Selection criteria for and conditions of admission are determined from time to time by the University.

1.2 Time of Admission
Admission into most Faculty of Rural Management courses is available both at the start of the year, in March (March semester) and mid-year, in July (July semester). (It is strongly recommended that on-campus full-time students commence in March semester)

1.3 Quotas
Subject to course quotas and the satisfaction of specific course entry requirements, the Faculty will admit applicants it believes are competent to complete the course.
Under the University by-laws, students under exclusion from another institution may be refused admission.
In addition, the Faculty reserves the right not to offer courses if insufficient eligible applications for admission have been received.

1.4 Part-time student arrangements
The admission of part-time students to an internal course does not oblige the University to schedule evening lectures. Part-time internal students are expected to attend day classes.

2 Application for admission

2.1 Method of Application
All students seeking admission to a course at the University must do so on the appropriate application form.

2.1.1 Full-time undergraduate course applicants
Students seeking admission as full-time internal undergraduates at the commencement of the year (March semester March intake) must apply through the Universities Admission Centre (UAC), Locked Bag 500, Lidcombe NSW 2141. School leavers will be provided with information from their school on how to lodge an application. Applications may be lodged by phone, web or mail (non-school leavers only) Non-school leavers should purchase a copy of the UAC guide from newsagents or directly from UAC.

2.1.2 Mid-year, distance education undergraduate and postgraduate course applicants
Applications from these categories of students must be made direct to the Faculty of Rural Management on the appropriate application form available from Client Services, The University of Sydney - Orange, Leeds Parade, Orange NSW 2800, or on-line via the Internet (http://www.orange.usyd.edu.au/forms/enrol)

3 Entry categories

3.1 Undergraduate Courses

3.1.1 Higher School Certificate Candidates
Applicants are considered on the basis of their performance in the NSW Higher School Certificate (HSC) or equivalent Universities Admission Index (UAI) or equivalent. The UAI is determined from the aggregate of the 10 best units undertaken which must include the best unit of English, the best unit from each of the two key learning areas (but not more than two from Group B course) and the best seven units remaining. The most recent satisfactory attempt at a course will be used in the calculation of the UAI.

3.1.2 Mature age admission
Mature age admission is available for those who have reached, or will reach the age of 21 years as at March 1 in the year of intended commencement.
Mature age admission does not require any precisely defined academic attainment but depends on an assessment of the applicant’s ability to benefit from the course, and the applicant’s ability to meet any prerequisites specified in the Course Rules published in this handbook.

3.2 Special admission
A lower UAI, usually 5 below the published cutoff, will be set for acceptance into courses for students of rural and isolated schools, students of Aboriginal and Torres Strait Island background and non-English speaking background. Such applicants applying through UAC who believe their HSC (or equivalent) performance is not a good indicator of their ability to succeed at tertiary level should complete the Special Admission Schemes section of the UAC application form. Applicants should supplement their application with additional information and forward it direct to the Faculty.
Information in support of such an application should include:
• a statement of the reasons for the applicant’s belief that some component of the HSC score does not reflect their scholastic ability
• a statement outlining the applicant’s likelihood of success at the tertiary level, supported by a testimonial from one referee (e.g. a statement from the school principal)
• where applicable, a statement from a medical practitioner regarding physical disability, and
• any further supporting documentation.
Mid-year, part-time and distance education applicants should forward this information with their application direct to the Faculty.
3.3 Applicants with special needs
Students with disabilities are encouraged to seek early advice and support from Client Services. In this way special needs for study and accommodation can be established. The Student Advisor is an important contact for assistance for those who have a special disability. Accommodation suitable for physically handicapped and disabled students is available on campus.

3.4 International students admission
International applicants are required to meet the normal academic admission requirements for the course of their choice (as set out in the handbook). International applicants whose first language is not English are required to have obtained an overall band score of not less than 6.5 in IELTS, or an equivalent score in a comparable test acceptable to the University. For the purpose of this policy, the following definitions apply:
• an international applicant is one who does not hold permanent Australian residence status
• a person holding permanent Australian residence status and relying on non-Australian qualifications will be required to meet normal academic admission requirements as described for international students.

3.5 Postgraduate course admission
Applicants for admission to postgraduate courses must normally hold an appropriate undergraduate degree or diploma from an accredited tertiary institution. Admission to some postgraduate courses may be available to applicants without an appropriate undergraduate qualification, but with other professional attainment or experience. The particular admission requirements for postgraduate courses are set out each year in this handbook.

3.6 Non-award admission
Applicants in any category who wish to study a particular unit or units without proceeding to a formal award of the University should apply direct to the Faculty for admission as a non-award student. Admission to non-award study is on fee-paying basis into Professional Development Studies.

4 Assessment of applications
In assessing applications, the general criteria used by the Faculty will include:
• Universities Admission Index (UAI) or interstate equivalent
• other post secondary studies
• work experience, and
• other relevant experience and qualifications.

5 Confirmation of acceptance
All applicants are advised by post of the outcome of their application for admission. A place will be secured only when the offer has been accepted and fees have been paid.

6 Deferred enrolment
Applicants applying through the Universities Admission Centre may apply for deferral of enrolment. Requests from new students for deferral of enrolment must be made in writing to Client Services following an offer of enrolment, and must be received prior to the closing date for acceptance of the offer. Deferral will normally be granted for a period of 12 months only.

7 Enrolment procedures
Applicants are advised of enrolment procedures by mail following acceptance of the offer. New full-time and part-time on campus students enrolling in March semester are required to attend the campus in person on Enrolment Day, usually the Wednesday prior to the start of March semester. New external students enrol by post.

8 Advanced standing or credit
Applicants who have completed relevant post secondary study may be eligible for advanced standing or credit. A student granted advanced standing or credit is not required to complete units which have been covered by prior study or work experience to be eligible to graduate. Applications for advanced standing or credit should be made prior to or at the time of enrolment to Client Services. Guidelines have been developed for applicants who have studied certificate and diploma level courses. These appear in the ‘Articulation Arrangement and Credit Transfers’ section of this handbook.

9 Orientation
New full-time and part-time on campus students commencing in March semester are required to participate in an orientation program during the week before formal lectures commence. This is an opportunity to get to know the campus without busy academic timetable demands.
New distance education students are strongly recommended to participate in the distance education orientation program either by attendance at the Distance Education Orientation Day at the campus, or by completing a home study package.
International Students

Admissions
International students from overseas wishing to enter tertiary institutions in Australia must apply as full-fee paying students by October 30. International applicants should apply to the International Office for admission.

International students studying in Australia as Year 12 or tertiary students should lodge an application with the NSW Universities Admissions Centre by September 30 in the year prior to enrolment. A late fee is payable for applications received up to February 2.

English
English is the language of tuition used in all courses, and is a requirement for admission. Applicants whose first language is not English are required to have obtained an overall band score of not less than 6.5 in IELTS, or an equivalent score in a comparable test acceptable to the University. Where there is insufficient evidence of current English competence relevant to a particular course of study, the Faculty reserves the right to ask applicants to undergo a further assessment of written and/or spoken English.

English language courses are available through the University.

For the purpose of this policy, the following definitions apply:

• An international applicant is one who does not hold permanent Australian residence status

• A person holding permanent Australian residence status and relying on non-Australian qualifications will be required to meet normal academic admission requirements as described for international students.

Information
The International Office provides an information pack for international students interested in studying in Australia.

International Office
Services Building G12
Corner of Abercrombie & Codrington Street
DARLINGTON NSW 2006
Phone: +61 2 9351 4074 Fax: +61 2 9351 4013
Email: info@io.usyd.edu.au

International students should also approach an Australian diplomatic post or the International Development Program for Universities and Colleges (IDP) office in their country of residence, to obtain general information on studying in Australia, the conditions of entry to Australia as a student and available aid programs.

Visa
All overseas students are required to gain a student visa for admission to Australia. This may take two to three months.

Medical cover
Membership of an Australian medical fund is required. Presently the cost is $A312 (single), $624 (family) per year.

International student fees

<table>
<thead>
<tr>
<th>Course</th>
<th>Fee (SA per annum)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Doctor of Philosophy</td>
<td>$16,800</td>
</tr>
<tr>
<td>Master of Philosophy (Rural Management)</td>
<td>$16,800</td>
</tr>
<tr>
<td>Master of Sustainable Agriculture*</td>
<td>$24,000</td>
</tr>
<tr>
<td>Graduate Diploma of Sustainable Agriculture*</td>
<td>$18,000</td>
</tr>
<tr>
<td>Master of Sustainable Management*</td>
<td>$24,000</td>
</tr>
<tr>
<td>Graduate Diploma of Sustainable Management*</td>
<td>$18,000</td>
</tr>
<tr>
<td>Bachelor/Advanced Diploma of Management</td>
<td>$15,120</td>
</tr>
<tr>
<td>Bachelor/Advanced Diploma of Business (Agricultural Commerce)</td>
<td>$15,120</td>
</tr>
<tr>
<td>Bachelor/Advanced Diploma of Farm Management</td>
<td>$15,120</td>
</tr>
<tr>
<td>Bachelor/Advanced Diploma of Horticultural Management</td>
<td>$15,120</td>
</tr>
<tr>
<td>Advanced Diploma of Horticulture/Viticulture</td>
<td>$15,120</td>
</tr>
<tr>
<td>Bachelor/Advanced Diploma of Equine Business Studies</td>
<td>$15,120</td>
</tr>
<tr>
<td>Bachelor/Advanced Diploma of Land Management (Ecological Agriculture)</td>
<td>$15,120</td>
</tr>
<tr>
<td>Honours year is available -same yearly rate</td>
<td></td>
</tr>
</tbody>
</table>

* One year program

The full tuition fee, or the equivalent to tuition fees for one semester, must be paid prior to arriving in Australia for students intending to study in Australia. In subsequent semesters, fees must be paid prior to the start of semester. Australian students undertaking distance education programs overseas must meet fee paying deadlines normal for all distance students.

1 Some of the equivalent tests include: CULT, TOEFL and GCE ‘A’ levels. If a secondary qualification has been obtained in English in one of the nominated, mainly Western countries, proof of English proficiency is not required.

2 Only available by Distance Education

The Faculty adheres to the Australian federal and NSW state codes of practice applicable to international students.

Accommodation and student welfare
Limited single accommodation is available on campus through application. Meals may be prepared or purchased from the Bistro. The University will provide appropriate counselling services and support from the time of arrival into at Sydney airport. Arrival advice should be forwarded well in advanced.

Academic credit
Credit will be given in all courses for any appropriate equivalent qualifications an applicant possesses. Details of qualifications held, course content and grades should be provided when applying.

Cultural and financial requirements
The University makes every endeavour to accommodate cultural and religious requirements within reason. All special requests should be put in writing, before completing enrolment, to the Admissions Officer. Advice on financial support is available at the Australian consulate in your country.
Student Services

Student orientation
Orientation days for new internal students are held in the week prior to the start of lectures and introduce students to University life. Social, sporting and academic functions are a feature of orientation and new students are encouraged to attend. A schedule of the orientation week program is included with induction information which is mailed to new enrolling students in early February of each year. Introductory residential schools for new external students are held in mid February.

Student Identification Cards
Every student is issued with a student ID card on enrolment. Your ID card may be used to borrow books and other resources from the library; make purchases at the bistro via a debit account system; obtain travel concessions (if eligible) and other means of verifying your identity for access to University facilities.
Lost ID cards can be replaced at Client Services at a cost of $15.00

Notice Boards
Administrative and academic notices are displayed on the main notice board outside Client Services, and along the library walkway. Notices regarding social, sporting and jobs are posted around the Student Association building. Students are required to check the notice boards to stay informed about University and related matters.

Parking
All persons who require parking on campus will be, on application, issued with a parking entry sticker available from Security. Persons who infringe the parking regulations of the University will incur a penalty.
Ample parking space is available within easy reach of all the campus facilities.

Travel Concessions
Full-time internal students only are eligible for a travel concession sticker on their student ID card. This sticker provides discounted fares on the Sydney City Rail and the Country Link Rail networks. Forms are available at Client Services.
Travel concessions outside of NSW for full-time students require an International Student ID card (ISIC) at a fee, via STA Travel. If you are not a full-time student but you are 25 years or younger, then you are eligible for an International Youth Travel Card (IYTC). ISIC and IYTC forms are available by calling 1300 360 960 or visiting www.statravel.com.au. It may take up to 4 weeks to get your card.

Student Loan Scheme
Loans are available to students who can demonstrate a genuine financial need. Students typically seek loans for purposes such as the purchase of textbooks, payment of enrolment fees, motor vehicle registration, rental bonds, electricity or telephone bills and groceries. Applications are available from Student Services.

Government Financial Assistance
Full-time students aged between 16 to 24 years may be eligible for Youth Allowance. Youth Allowance rates depend on whether you are single, have children, live at home or need to live away from home. Your rate may depend on your parent’s income and assets or possibly your family’s actual means. If you can demonstrate you are independent of your family, the Parental Means Test will not apply to you.
Austudy payment provides income support for full-time students aged 25 years and over. Austudy payment rates depend on whether you are single or have children.
For the most current information regarding these payments, visit the Centrelink website at www.centrelink.gov.au, call 13 1021 or visit your local Centrelink office.

Student Services
The Student Services unit assists students in the following ways:

Learning Skills Advisor
The Learning Skills Advisor is available to assist students who wish to improve their academic skills and English language use. The following services are available to enrolled students:
• Workshop program
  A series of workshops are held each semester which aim to develop the general academic literacy needs of all university students. Workshops are also held which cater specifically to the particular language development needs of non-English speaking background students.
• Individual consultations
  In special circumstances you can make an appointment to see the Learning Skills Advisor to individually discuss your academic performance and learning needs.
• Faculty program
  The Learning Skills Advisor collaborates with academic staff and faculties to integrate the teaching of academic learning skills into curricula.
Student Advisor
The student advisor can assist students in the following ways:
• Employment & careers
• Careers information
• Employer information
• Further study options
• Resume preparation
• Preparing applications for employment
• Interview preparation
• Finding advertised and unadvertised jobs
• Current positions vacant for graduates
• Disability assistance
• Advice on special consideration
• Accommodation of special needs with studies
• Advice on academic appeals
• Advice on probation & exclusion
• Centrelink
• Assistance with Austudy & Youth Allowance applications
• Assistance with appeals against decisions
• Information about Rent Assistance, Income Bank, asset testing, etc…
• International student assistance.

Student Counsellor
The student counsellor can assist students in the following ways:
• Health and welfare
• Personal and university-related problems
• Grievances
• General counselling issues
• Confidential referrals to community health team

Client Services
This section handles all the administration matters associated with student enrolment at the Faculty of Rural Management. These include admission into courses, graduation and examination arrangements and receipt of internal and distance education assignments.

Orange Student Association (OSA)
Orange Student Association is the membership based organisation that provides a broad spectrum of resources, representation and facilities that encompass legal support, an employment service, sport and recreation, clubs and societies, retail and social activities on and off campus for all students on the Orange Campus. Being a member of Orange Student Association entitles you to various discounts on and off campus far in excess of the membership fee.

Orange Student Association has identified the following mission ‘Provide social and cultural development and ensure quality of education for all students.’ This means, Orange Student Association will:
• Represent and educate students on all relevant issues.
• Provide facilities and services for students at the Orange Campus.
• Coordinate and facilitate sporting and cultural activities for students.
• Ensure access to University of Sydney facilities and services.
The Board of Management of Orange Student Association has employed a range of professional staff members with expertise in a wide range of OSA services to deliver the services and facilities on campus in a professional way.

Each year, elections for the Orange Student Association Board of Management occur in September or October. This allows members to elect their representatives to oversee the strategic direction and policy of Orange Student Association. The diverse student population on and off campus is reflected in the wide range of benefits provided to members with all activities of Orange Student Association funded from compulsory subscription fees and other sources of revenue.

Orange Student Association services and facilities
Services and facilities provided on and around the Orange Campus by Orange Student Association include:
• The Retail Store
• Personal accident insurance
• Orange Student Association Sports gymnasium
• Clubs and Societies
• Templer’s Mill Bar
• Drink vending machines
• Student representation - students have a say on most decision-making bodies of the University through the student representatives. Orange Student Association is an active advocate of the student rights to the University.
• ATM located in Templer’s Mill Bar in the Orange Student Association Building (Building B)
• Social and cultural activities on and off campus

The activities of the clubs and societies are subsidised from Orange Student Association funds. Clubs and Societies provide activities for students from all walks of life to participate in. For further details email clubs@osa.org.au
Orange Student Association Sub Committees

Orange Student Association has established various sub committees of the Board of Management that assist in its strategic operations. Sub committees include:

- Education Sub Committee (education@osa.org.au)
- Activities Sub Committee (activities@osa.org.au)
- Sports Sub Committee (sport@osa.org.au)
- External and Postgraduate Sub Committee (distance@osa.org.au)
- Promotions and Development Sub Committee (promotions@osa.org.au)

Contacting Orange Student Association

Orange Student Association is always seeking input on ways to improve its services and facilities. Orange Student Association can be contacted:

- In person at the OSA facility
- By phone on (02) 9351-9970
- By fax on (02) 9351-9971
- By email: contact@osa.org.au

Compulsory Subscription fees

All students on the Orange Campus are required, as a condition of their enrolment, to become members of Orange Student Association (OSA) and other student bodies at The University of Sydney.

Exemptions from being a member or paying subscriptions may be granted on certain grounds specified in The University of Sydney Calendar. Students granted exemption on grounds of conscience will have their membership fee transferred to the Jean D Foley Bursary Fund.

Refund of Compulsory Subscription fees

If written notice of leave of absence or discontinuation of a course is received by HECS Census date of each semester all Compulsory Subscription Fees paid will be refunded.

After the above dates, students who take leave of absence, formally discontinue or vary their course of study and consider themselves eligible for a refund of all or part of fees paid to the student organisations, may write to the General Manager of Orange Student Association detailing their case.
Fees and Charges

The following information is provided as a guide for students. Fees and charges quoted are current at the time of publication but may be varied by the University.

Course fees and charges

Higher Education Contribution Scheme-Help

The Higher Education Contribution Scheme (HECS-Help) requires students to make a contribution toward the cost of their higher education. Students may elect to pay their contribution shortly after the commencement of each semester and receive a 25 per cent discount, or they may pay through the taxation system, with no initial payment required.

2005 HECS-Help

<table>
<thead>
<tr>
<th></th>
<th>Pre 1997 Enrolment</th>
<th>Post 1997 Enrolment</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Band 1</td>
<td>Band 2</td>
</tr>
<tr>
<td></td>
<td>Communication</td>
<td>Agriculture</td>
</tr>
<tr>
<td></td>
<td>Nursing</td>
<td>Science</td>
</tr>
<tr>
<td></td>
<td>Education</td>
<td>Business</td>
</tr>
<tr>
<td>Annual Liability (8 units of study)</td>
<td>2,889.00</td>
<td>3,847.00</td>
</tr>
<tr>
<td>1 unit liability</td>
<td>361.13</td>
<td>480.88</td>
</tr>
<tr>
<td>upfront payment</td>
<td>270.00</td>
<td>360.00</td>
</tr>
<tr>
<td>2 units liability</td>
<td>722.25</td>
<td>961.75</td>
</tr>
<tr>
<td>upfront payment</td>
<td>541.00</td>
<td>721.00</td>
</tr>
<tr>
<td>3 units liability</td>
<td>1,083.38</td>
<td>1,442.00</td>
</tr>
<tr>
<td>upfront payment</td>
<td>812.00</td>
<td>1,081.00</td>
</tr>
<tr>
<td>4 units liability</td>
<td>1,444.50</td>
<td>1,923.50</td>
</tr>
<tr>
<td>upfront liability</td>
<td>1,083.00</td>
<td>1,442.00</td>
</tr>
</tbody>
</table>

Lump sums of more than $500 paid to the University receive a 15 per cent discount.

HECS-Help fees are payable on each unit of study. The rate per unit depends on when the student commenced study (before or after 1997) and the study discipline. There is one HECS-Help rate applicable to enrolment before 1997 and three bands which apply to enrolment from 1997. Another rate applies to those students commencing in 2005 should the University decide to increase the tuition rate. Most units of study in the Faculty of Rural Management fit into Band 2.

Further details are available in publications issued to students upon enrolment. Copies may be obtained at any time from Client Services.

Professional Development Studies

Undergraduate units of study fee - $1000.
Postgraduate units of study fee - $2000.

Tour fees

A tour fee is charged to cover the cost of students’ meals and accommodation while on excursion. The fee is dependent on each student’s enrolment and is calculated with reference to the number of days on tour, destination and style of accommodation.

As a guide, the following rates will apply:

Day tours (lunch) $12/day
Camping/swags $30/day
Caravan parks $50/day
Hotel $80/day

2005 Student Compulsory Subscription Levels—Orange Student Association Fee

For commencing Charles Sturt University students, the annual fees for the Student Association are levied at $34 per unit (subject)
General fees and charges
(GST inclusive where applicable)

<table>
<thead>
<tr>
<th>Service</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Faculty Handbook</td>
<td>$8</td>
</tr>
<tr>
<td>Late admission application</td>
<td>UAC</td>
</tr>
<tr>
<td>Late Student Association fee payment</td>
<td>$50</td>
</tr>
<tr>
<td>Application for advanced standing</td>
<td>$25</td>
</tr>
<tr>
<td>Extended semester option application</td>
<td>$15</td>
</tr>
<tr>
<td>Post examination, post assessment (except special considerations)</td>
<td>$100</td>
</tr>
<tr>
<td>Late student association fee payment</td>
<td>$50</td>
</tr>
<tr>
<td>Enrolment variation after cut-off</td>
<td>$15</td>
</tr>
<tr>
<td>Academic transcript</td>
<td>$15</td>
</tr>
<tr>
<td>Testamur replacement</td>
<td>$30</td>
</tr>
<tr>
<td>Replacement ID card</td>
<td>$15</td>
</tr>
<tr>
<td>Variation to exam arrangements</td>
<td>$100</td>
</tr>
<tr>
<td>Fax lodgement of assignment Individually</td>
<td>$9</td>
</tr>
<tr>
<td>Email lodgement of assignment</td>
<td>$7</td>
</tr>
</tbody>
</table>

Invoices
Invoices will be issued to students for amounts owing for the Higher Education Contribution Scheme, residential fees, Student Association fees, fines and any other outstanding invoices owed to the University.

Goods and Services Tax
The University is registered for GST purposes and all charges will be recorded on a tax invoice/statement and those charges which attract GST can be identified.

Outstanding Accounts
Students will not be permitted to re-enrol, or graduate, if they have outstanding accounts, or have not made alternative arrangements for payment.

All invoices must be settled promptly. In the case of financial difficulties, students should approach Client Services to make alternative arrangements for payment.

Refund policy
Only on written application, will the following fees be refunded:

Full Fee Paying Postgraduate Coursework Students
Sustainable Agriculture - Sixty percent (60%) refund if the student withdraws prior to March 31 or August 31 of the associated semester.
No refund is possible if withdrawal occurs following these dates.
Sustainable Management - Sixty percent (60%) refund if the student withdraws within 14 days of the commencement of a session and returns all books and materials. Where books and materials are not returned, $500 of the refundable fee will be retained.
No refund of fees will occur if withdrawal occurs after 14 days from the commencement of the session.

Other Full Fee Paying Students
Full Fee Overseas Students - Sixty per cent refund if student withdraws prior to March 31 or August 31 of each semester. No refund after these dates.
Professional Development Students - Sixty per cent refund if application to withdraw is received prior to dispatch of unit material. Otherwise, no refund.
Tour fees - Eighty per cent refund on application may be approved. if student does not attend tour. Requests must be in writing and have the approval of the tour leader and lodged with Client Services within 21 days of the tour.

Student Association fees - refer to page 23.
### Summary of courses available in 2005

<table>
<thead>
<tr>
<th>Course Description</th>
<th>No. units</th>
<th>Full-time</th>
<th>Part-time</th>
<th>Study Mode</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>POSTGRADUATE COURSES</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Research Programs</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Doctor of Philosophy</td>
<td>8 units</td>
<td>2 years</td>
<td>4 years</td>
<td>Int/DE</td>
</tr>
<tr>
<td>Doctor of Sustainable Agriculture*#</td>
<td>8 units</td>
<td>1 year</td>
<td>2 years</td>
<td>Int/DE</td>
</tr>
<tr>
<td>Master of Philosophy (Rural Management)</td>
<td>8 units</td>
<td>1 semester</td>
<td>1 year</td>
<td>Int/DE</td>
</tr>
<tr>
<td><strong>Coursework Programs</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Doctor of Sustainable Agriculture</td>
<td>3 years</td>
<td>6 years</td>
<td>4 years</td>
<td>Int/DE</td>
</tr>
<tr>
<td>Master of Sustainable Agriculture</td>
<td>6 units</td>
<td>1 year</td>
<td>1.5 years</td>
<td>Int/DE</td>
</tr>
<tr>
<td>Graduate Certificate in Sustainable Agriculture</td>
<td>4 units</td>
<td>1 year</td>
<td>1 year</td>
<td>Int/DE</td>
</tr>
<tr>
<td><strong>UNDERGRADUATE PROGRAMS</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>* Bachelor of Business (Agricultural Commerce)</td>
<td>8 units</td>
<td>1 year</td>
<td>2 years</td>
<td>Int/DE</td>
</tr>
<tr>
<td>Advanced Diploma of Business (Agricultural Commerce)</td>
<td>16 units</td>
<td>2 years</td>
<td>4 years</td>
<td>Int/DE</td>
</tr>
<tr>
<td>* Bachelor of Equine Business Management</td>
<td>8 units</td>
<td>1 year</td>
<td>2 years</td>
<td>Int/Mixed</td>
</tr>
<tr>
<td>Advanced Diploma of Equine Business Management</td>
<td>16 units</td>
<td>2 years</td>
<td>4 years</td>
<td>Int/Mixed</td>
</tr>
<tr>
<td>* Bachelor of Farm Management</td>
<td>8 units</td>
<td>1 year</td>
<td>2 years</td>
<td>Int/DE</td>
</tr>
<tr>
<td>Advanced Diploma of Farm Management</td>
<td>16 units</td>
<td>2 years</td>
<td>4 years</td>
<td>Int/DE</td>
</tr>
<tr>
<td>* Bachelor of Horticultural Management</td>
<td>8 units</td>
<td>1 year</td>
<td>2 years</td>
<td>Int/DE</td>
</tr>
<tr>
<td>Advanced Diploma of Horticultural Management</td>
<td>16 units</td>
<td>2 years</td>
<td>4 years</td>
<td>Mixed/DE</td>
</tr>
<tr>
<td>Advanced Diploma of Viticultural Management</td>
<td>16 units</td>
<td>2 years</td>
<td>4 years</td>
<td>Mixed/DE</td>
</tr>
<tr>
<td>* Bachelor of Land Management</td>
<td>8 units</td>
<td>1 year</td>
<td>2 years</td>
<td>Int/DE</td>
</tr>
<tr>
<td>Advanced Diploma of Land Management</td>
<td>16 units</td>
<td>2 years</td>
<td>4 years</td>
<td>Mixed/DE</td>
</tr>
<tr>
<td>* Bachelor of Management</td>
<td>8 units</td>
<td>1 year</td>
<td>2 years</td>
<td>Int/DE</td>
</tr>
<tr>
<td>Advanced Diploma of Management</td>
<td>16 units</td>
<td>2 years</td>
<td>4 years</td>
<td>Int/DE</td>
</tr>
</tbody>
</table>

* Honours Year available for each of these courses
* Subject to final approval
Scholarships and Awards

Undergraduate Scholarships Administered by The Faculty of Rural Management

Big Brother Movement Scholarships
The Big Brother Movement is involved in assisting students to obtain a tertiary education and has been associated with the Faculty since 1987. Two commencing full-time internal scholarships worth $5000 are available to those who, without financial support, may not be able to meet the costs of attending the University. Applicants should be enrolled as full-time internal students. Selection will be based on school performance, experience in and commitment to agriculture, extra-curricular activities, financial need and leadership potential. Information and applications forms are available from Client Services or at www.orange.usyd.edu.au/info/frm/scholar_info.htm

Interviews may be conducted as part of the selection process. Two referees’ reports on the applicant are required with the application.

Closing date for applications: 22 March

Bill Ruse Memorial Scholarship
This memorial scholarship has been established in recognition of Bill Ruse’s commitment to the development and training of young people for careers in agriculture. Bill, through his leadership, his skill in dealing with people and his vast knowledge of agriculture became widely respected as an agricultural manager. After commencing as a jackeroo his career peaked as General Manager Agricultural Investments Australia Ltd., a leading management and investment company in Australia. This one year scholarship is valued at $4000 and is available to continuing internal students who have completed 2 years full time study at the Faculty of Rural Management and who are seeking enrolment in the third year of a course designed to equip them for a property management career in food and/or fibre production.

The applicant must demonstrate: leadership, a range of personal characteristics, sound academic performance and an aspiration for a property management role in agriculture. The financial circumstances of applicants may be one of the factors considered in awarding the scholarship.

Detailed information about the scholarship and its criteria is available from Client Services or at www.orange.usyd.edu.au/info/frm/scholar_info.htm

Closing date for applications: 22 March

ICM Agribusiness Cooperative Scholarship
This scholarship is valued at $20,800 (over two years).
ICM Agribusiness incorporates numerous operating divisions owned by ICM Australia Pty Ltd, including irrigation properties, vineyards, citrus, apricots, a large feedlot and a grain procurement and storage business. The successful recipient will be eligible for a scholarship, which is the equivalent of $10,400 over two years of the course, totalling $20,800. An initial payment of $1400 will be made in January 2004 to fund initial travel and research costs.

The successful student will sign on for the ICM Agribusiness sponsored learning experience program and undertake additional learning experiences during the last two years of their course. These work experience programs will be designed by University staff in consultation with representatives of ICM and the industry, and involve the completion of case study evaluations of real industry issues as they impact on an agricultural business. The work experience will be designed to cover all sectors of a chosen industry e.g. production, processing and retail.

The student will be required to present the case study material to the company/individual in which the student is attaining the industry experience. The University will mark the case study report allowing the student to obtain feedback from both learning sources. The student will receive credit, in particular units of study within their course for successfully completed case studies and work experience. Thus allowing the students to complete all except one core unit, Commercial Business Planning or Whole Farm Management, of their course in two and a half years rather than the present three years. This would allow ICM sponsored students the opportunity to work for the last five months at a range of ICM work places and attain further experience.

Students are invited to develop their own three-year program from the many ICM industries. ICM is proud to provide the workplace learning opportunity for the scholarship holder and to make a commitment to actively facilitate the learning experience of the student so that learning outcomes are achieved.

Selection criteria
• Enrolled as a full-time internal student in second year of Bachelor of Farm Management, Bachelor of Business (Agricultural Commerce), Bachelor of Horticulture Management or Bachelor of Management.
• Demonstrated interest in, and commitment to agribusiness.
• Demonstrated motivation, initiative and work ethic.
• A strong academic record.

Application process
Closing date for applications: 10 October
Interviews: November

Information and applications forms are available from Client Services or at www.orange.usyd.edu.au/info/frm/scholar_info.htm. Applications to be lodged with: The Manager, Client Services.
**B E Campbell Cooperative Scholarship**

This scholarship is valued at $22,800 (over two years).

BE Campbell was established in 1969 and is one of Australia’s largest independent Pork Boning Processors. This scholarship merges elements of academic study and workplace experience to assist students in their development of expertise in the pork industry. Students focusing on supply chain management, production, marketing and human resources, but not limited to, should apply for this scholarship.

BE Campbell will fund the scholarship in addition to providing industry placements as the basis for the student's experience, research and application of theory. The successful recipient of the scholarship will be eligible for a scholarship, which is the equivalent of $10,400 over the second year and $10,400 over the third year of the course totalling $20,800. An initial payment of $1400 will be made in January 2004 to fund initial travel and research costs. Future instalments will be paid on the successful completion of agreed milestones. The scholarship donors in conjunction with the Faculty will establish case studies for completion during work placements. The case studies will be assessed using the Faculty’s workplace experience units: Applied Studies A, Applied Studies B, Applied Studies C, Industry Practice and Managing Change (Industry Project) which will be completed in vacation periods while on work experience. Case studies will be formally assessed by the Faculty but will also be presented to representatives from the donor organisation who will provide feedback to the student and the Faculty, which may be used to arrive at a final grade. The successful applicant will be required to complete the final semester of their Bachelor course while gaining work experience with their sponsor. Students will complete the Commercial Business Plan or Whole Farm Management by distance education in their final semester whilst working in the donor's workplace.

**Selection criteria**

- Enrolled as a full-time internal student in the second year of Bachelor of Farm Management, Bachelor of Business (Agricultural Commerce) or Bachelor of Management.
- Demonstrated interest in, and commitment to the pork industry.
- Demonstrated motivation, initiative and work ethic.
- A strong academic record.

**Application process**

Closing date for applications: 10 October

Interviews: early November

Information and applications forms are available from Client Services or at www.orange.usyd.edu.au/info/frm/scholar_info.htm. Applications to be lodged with: The Manager, Client Services.

**The V P Bragg Bequest Trust Fund Scholarships**

Mr VP Bragg was a farmer/grazier from Crowther in the south west of NSW who wanted to improve education in the rural sector.

Two commencing scholarships are to be offered in his memory to the value of $2000 per annum. Applicants must be Australian, preparing to undertake full-time internal study and able to demonstrate good scholastic and personal merit.

Applicants must provide evidence of financial need.

Information and applications forms are available from Client Services or at www.orange.usyd.edu.au/pages_about_the_campus/info/frm/scholar_info.htm. Candidates may be called for an interview.

Closing date for applications: 22 March.

**Ross Mcdonald Memorial Beef Improvement Association of Australia Scholarship**

This $1000 scholarship is offered by the Mcdonald Family and the Beef Improvement Association of Australia in memory of Ross.

Ross was very popular among his peers and made substantial contributions to campus life, especially Rugby, over the period 1998-2000. He had a real passion for the beef industry and worked as a trader until his tragic death as a result of an industrial accident in January 2003. Ross also excelled at meat judging.

The criteria for the award is being finalised however the scholarship is expected to be offered to a student entering third year who has an understanding and commitment to performance breeding in beef cattle.

The draft criteria is;

1. Sound academic record including successfully completion of Livestock Breeding & Selection, one other level II Livestock unit and enrolment in Livestock Management.
2. Work experience in the beef industry
3. Contribution to campus life
4. Personal merit and leadership potential

Closing Date: 22 March 2004


**Errol McLaughlin Memorial Scholarship**

Errol McLaughlin was a grazier from the Nyngan district in western NSW. His family have offered this scholarship, valued at $1500 per annum, in his memory and to promote the industry which played an integral role in his life.

The scholarship is available to a second year full internal student in the Bachelor/Advanced Diploma of Farm Management. The student must have a pass level in first year units and have undertaken study with an emphasis on Livestock Management and Marketing. Australian citizenship and demonstrated financial need are also criteria.
Information and applications forms are available from Client Services or at www.orange.usyd.edu.au/info/frm/scholar_info.htm

Closing date for applications: 22 March.

**F C Pye Australia Foundation Scholarship**

The scholarship, valued at $2500, is to be awarded annually to a commencing full-time internal student enrolling at the Faculty. The successful applicant for the scholarship must:

- have a strong academic record, and;
- display leadership qualities and a dedication to agricultural rural resource management.

Further information and applications forms are available from Client Services or at www.orange.usyd.edu.au/info/frm/scholar_info.htm

Closing date for applications: 22 March.

**Ian Smith Memorial Scholarship**

Ian Smith graduated from the Farm Management course in 1983. One scholarship, valued at $1000, is awarded annually. The scholarship is available to full-time internal students enrolling in their second year of the Bachelor/Advanced Diploma of Farm Management.

Students should be seeking a career in farm management and should not have a property to return to. They should also have made a significant contribution to the campus and/or community activities.

Information and applications forms are available from Client Services or at www.orange.usyd.edu.au/pages_about_the_campus/info/frm/scholar_info.htm

Closing date for applications: 22 March.

**Grain Growers “Growing With Grain” Scholarship**

The Grain Growers’ Association has represented the interests of grain growers for the last forty years. One scholarship valued at $6000 for a third year, full-time undergraduate student in a nominated Faculty course is available.

The recipient must demonstrate an above average academic record in the first two years of the nominated course/s and successfully demonstrate an active interest in pursuing a career in the grains industry, leadership qualities and the ability to identify major issues facing the grains industry.

Detailed information about the scholarship, criteria and applications forms are available from Client Services or at www.orange.usyd.edu.au/info/frm/scholar_info.htm

Closing date for applications: 22 March.

**The Hazeldean - APSF Livestock Management Cooperative Scholarship**

Scholarship Value: $20,800 (equivalent to $200 per week for two years)

Plus travel costs, meals and accommodation on work experience.

This scholarship funded by the Hazeldean Corporation and the Australian Pacific Science Foundation in conjunction with Mulguthrie Pastoral Company, merges elements of academic study and workplace experience to assist students in their development of expertise in the beef and sheep industry. The donors fund the scholarship in addition to providing industry placements as the basis for the student’s experience, research and application of theory.

The successful recipient of the scholarship will be eligible for a scholarship, which is the equivalent of $200 per week for the second and third years of their course totalling $20,800. An initial payment of $1000 will be made in January 2002 to fund initial travel and research costs. Future instalments will be paid on the successful completion of agreed milestones. Meals and accommodation will also be provided when work experience is being undertaken with the donors.

The scholarship donors in conjunction with the Faculty will establish case studies for completion during work placements. The case studies will be assessed using the Faculty’s workplace experience units: Applied Studies A, Applied Studies B, Applied Studies C, Workplace Experience and Managing Change (Industry Project) which will be completed in vacation periods while on work experience.

Case studies will be formally assessed by the Faculty but will also be presented to representatives from the donor organisation who will provide feedback to the student and the Faculty, which may be used to arrive at a final grade. The successful applicant will be required to complete their final semester of their Bachelor course gaining work experience with one or both of their sponsors.

Students will complete the Commercial Business Plan by distance education in their final semester whilst working in one of the donor’s enterprises.

**Selection criteria**

- Enrolled as an internal student in the second year of Bachelor of Farm Management, Bachelor of Business (Agricultural Commerce) or Bachelor of Management.
- Demonstrated interest in, and commitment to the beef industry.
- Demonstrated motivation, initiative and work ethic.
- A strong academic record.

**Application process**

Closing date for applications: 10 October

This scholarship is offered every 2 years. Next offering 2006.

Interviews: early November

Applications to be lodged with: The Manager, Client Services.

**Meat and Livestock Australia (MLA) Industry Cooperative Scholarship**

Scholarship Value: $22,800 (over two years)

This scholarship funded by Meat and Livestock Australia, merges elements of academic study and workplace experience to assist students in their development of expertise in the sheep meat industry. The donors fund the scholarship in addition to
providing industry placements as the basis for the student’s experience, research and application of theory.

The successful recipient of the scholarship will be eligible for a scholarship, which is the equivalent of $10,400 over second year and $12,400 over the third year of the course totalling $22,800. An initial payment of $1000 will be made in January 2004 to fund initial travel and research costs. Future instalments will be paid on the successful completion of agreed milestones.

The scholarship donors in conjunction with the Faculty will establish case studies for completion during work placements. The case studies will be assessed using the Faculty’s workplace experience units: Applied Studies A, Applied Studies B, Applied Studies C, Workplace Experience and Managing Change (Industry Project) which will be completed in vacation periods while on work experience.

Case studies will be formally assessed by the Faculty but will also be presented to representatives from the donor organisation who will provide feedback to the student and the Faculty which may be used to arrive at a final grade. The successful applicant will be required to complete the final semester of their Bachelor course while gaining work experience with their sponsor.

Students will complete the Commercial Business Plan by distance education in their final semester whilst working in the donor’s workplace.

Selection criteria
- Enrolled as an internal student in the second year of Bachelor of Farm Management, Bachelor of Business (Agricultural Commerce) or Bachelor of Management.
- Demonstrated interest in, and commitment to the beef industry.
- Demonstrated motivation, initiative and work ethic.
- A strong academic record.

Application process
Closing date for applications: 10 October
Interviews: early November
Applications to be lodged with: The Manager, Client Services

University of Sydney Undergraduate Scholarships - Commencing Students
A variety of scholarships are available through the University valued from $3000 - $8000 per annum. These are awarded on a range of criteria including academic merit, financial disadvantage, disability, residing in a rural/remote area etc. For further information visit the University scholarship website at www.heifer.ucc.usyd.edu.au/scholarships/FMpro
Closing date for applications: 27 September (of the year prior to commencement)
Continuing Students - Up to two scholarships may be awarded to students of the Faculty of Rural Management, these scholarships will be awarded on the basis of merit, and no application form is required. Faculties will consider all eligible students and make their recommendation on the basis of academic records. Successful students will be notified, in writing, by 31 May 2004.

Conditions of Award
1. The scholarships shall be awarded to citizens or permanent residents of Australia who do not already hold a scholarship of equal or higher value at the University of Sydney.
2. Each scholarship is offered for, and is tenable in, a specific degree program or Faculty and is not transferable to another degree or Faculty.
3. Scholarships will be awarded on academic merit.
4. Scholarships are awarded for study in the nominated year and no deferment of the scholarship is allowed.
5. Each scholarship is for one year only and is valued at $2,000. The recipient will be required to refund all or part of the scholarship received if s/he subsequently withdraws from the nominated program. If awarded to part-time students, the scholarship will be paid in two instalments over two years and is subject to the recipient’s continuing enrolment in the nominated program.

Value: $2000 Length of Tenure: 1 year
Information about other scholarships from the University of Sydney is available. Phone the Scholarships Office on (02) 9351 3250 or visit the University’s web site: http://www.usyd.edu.au/study/scholarships.html

International Travel Fund
The International Travel Fund has been established to assist students in meeting expenses associated with international travel where such travel contributes directly to the student’s educational development. International travel in this context includes Faculty organised tours and work experience that has been organised by a student. (Sports tours are not included) Applicants must be a full-time undergraduate student who is currently enrolled in an Award course at the Faculty of Rural Management and have completed eight units of study. Applicants should not have previously been in receipt of a travel scholarship or grant.

There will be two distinct types of assistance provided.

Air Travel scholarships
Valued up to $1000, the scholarships will be awarded to a student of the Faculty on basis of academic merit, contribution to the Faculty community and the relevance of the travel to career aspirations.

Travel Grants
Valued at up to $500, the grants will be provided to those students who take part in one of the organised tours arranged and managed by the Faculty. Travel grants may also be provided to individual students who organise their own overseas learning/experience activity where the applicant satisfies the Scholarship and Awards Committee of the worth of activity as a career related learning experience.
Detailed information about the scholarship. Criteria and applications forms are available from Client Services or at www.orange.usyd.edu.au/pages_about_the_campus/scholar_info.html.

Closing date for applications 22 March.

Undergraduate scholarships not administered by the Faculty

The Percy Allen Foundation Scholarships

Students attending the Faculty are eligible for the above foundation scholarships, established by the late Percy Allen, for the purpose of providing assistance to young persons under 25 years of age from NSW and the ACT wishing to pursue agricultural studies at the tertiary level.

The awarding of such scholarships will be subject to a means test. For further information contact the Faculty, or The Executive Officer, Percy Allen Foundation, GPO Box 369, Canberra ACT 2601.

Closing date for applications: 29 November.

The Batlow Fruit Co-operative Horticulture Scholarship

One scholarship will be offered every alternate year, with a maximum of two scholarships being in place at any one time. The scholarship is available to an external student residing in the Batlow region who is enrolled in one of the Faculty’s horticulture courses. It amounts to the cost of course fees and costs associated with attending residential schools.

Written applications should be addressed to The General Manager of the Batlow Fruit Co-operative Ltd., PO Box 42, Batlow NSW 2730.

Evidence of financial need, good scholastic and personal merit and of the candidate seeking a career in orcharding must be contained in the application. Should a scholarship winner discontinue enrolment without a satisfactory explanation they may be required to refund the value of the scholarship. Scholarship holders are also required to submit a brief annual report to the co-operative’s board of directors.

Closing date for applications: 30 November.

Ken Brindle Memorial Scholarships

A number of scholarships, worth $2000 each are available every year to Aboriginal and Torres Strait Islander students who are:

• aged 21 years or more at January 31 in the year of application
• accepted for enrolment in an approved full-time degree or diploma course of study.

A major purpose of the scholarships is to assist adult Aborigines with potential for further education, who may be prevented from undertaking or completing such studies because of lack of financial support. A factor considered in the selection of applicants for a scholarship includes other financial support available to the applicant during the relevant year of study.

A special application form is available from the Faculty, or the Aboriginal Education Council (NSW), 132 St. John’s Road, Glebe NSW 2037. Ph. (02) 9660 5696.

Closing date for applications: 31 January.

Don Craig Scholarships

The Student Association awards approximately three scholarships each year to recognise the contribution to the student body by Don Craig. Each scholarship is to the value of the Student Association membership in the year of the award. It is based upon a number of criteria, including contribution and involvement in student related matters at the Orange campus. Further information available from contact@osa.org.au.

NSW Farmers’ Association Scholarship

Four scholarships valued at $5000 p.a. are available to all full-time students who are in their second or subsequent year at a recognised tertiary institution in NSW.

Applicants or a member of their family must have been a member of the NSW Farmers’ Association for at least two years.

The scholarships are awarded on the basis of academic achievement, commitment to agriculture and rural communities, leadership qualities, communication skills and practical application. The scholarships are administered by the NSW Farmers’ Association, further information and application forms are available from GPO Box 1068, Sydney, NSW, 2001 or from the Scholarship Officer of the Faculty.

The RSPCA Australia Alan White Scholarship

This scholarship was, valued at $2500 for one year, was established in 1997 to advance the cause of animal welfare in Australia. The scholarship was named after Mr Alan White, a past president of the RSPCA Australia.

Applicants must be enrolled as a full time student in an accredited course at an Australian University or College in 1993. Applicants must also demonstrate that the scholarship will support the policies of the RSPCA and will be used to further animal welfare in Australia through original research. Applications that show a major commitment to and/or involvement with animal welfare issues will be strongly favored.

Detailed information on application requirements are available on the RSPCA website at http://www.rspca.org.au/news_info/scholarship.htm

Applications and inquiries to: The Executive Officer, RSPCA Australia, PO Box 265, Deakin West, ACT 2600

Closing date for applications: 29 March.

Newmarket Scholarship and Coolmore Stud Scholarship

Newmarket scholarship: The NSW Department of Gaming and Racing funds enrolment, travel and a monetary grant for out-of-pocket expenses to The National Stud at Newmarket in the UK. Full
accommodation and meals are provided. The period of the scholarship is January - July 2004.

**Coolmore scholarship:** The Irish Coolmore Stud Scholarship will provide for return travel, full board, meals and wages and will be for placement in a work position at Coolmore Stud, Ireland. On return to Australia at temporary position may be available at Coolmore (Aust).

Equine Business Management undergraduates of the Faculty of Rural Management, The University of Sydney and Charles Sturt University, Wagga Wagga, who are normally resident in NSW and have satisfactorily completed the academic program in all subjects in the current year and are capable of completing a health and fitness assessment prior to taking up the scholarship, may be awarded a scholarship.

Further information available from the Faculty Scholarship Officer at Client Services. Applications must be forwarded to: Newmarket Scholarship and/or Coolmore Scholarship, Dept of Gaming and Racing, Mr John Braddock, GPO Box 7060, Sydney, NSW 2001.

**Closing date for applications: mid October.**

**The Vietnam Veterans Trust**

Education Assistance Scheme (VVTEAS)

These scholarships are each worth $3,500 (tax free) and are made each year until the students complete their course, subject to certain conditions. To be eligible to be considered for a VVTEAS grant a person must be:

- the child of a Vietnam veteran, and under the age of 25 when applying; (unless exceptional circumstances)
- enrolled, or planning to enrol, in a full-time, post-secondary course up to first qualification level.
- Courses may be at university, TAFE, business college, or a recognised private institution
- the family must be within the means test.

Forms and more information are available from the Trust’s National Office: Level 1, Tower B, Centennial Plaza, 280 Elizabeth Street, Surrey Hills (PO Box K978, Haymarket NSW 1240). Tel. (02) 92817077, Fax (02) 92819164, 1800 620 361 Email vvt@accsoft.com.au, Internet: http://www.accsoft.com.au.

**Closing date for applications: 1 September to 31 October.**

**University of Sydney Sports Scholarships**

The University of Sydney, Student Association has successfully secured three new scholarships commencing 2003, these scholarships will be valued up to $5000.00 per annum for three years. Applicants must be able to demonstrate sporting achievements and enrolling in a first year course at the Orange Campus. Further information is available from contact@osa.org.au.

**Postgraduate Scholarships**

**Faculty of Rural Management Agri-management Research Scholarship**

For postgraduate research students. Offered to the most promising postgraduate research degree applicant in the year in which the scholarship is available. There is one scholarship only and it will not be awarded if the applicants do not have sufficient academic merit and potential in the agri-management area. Value approximately $15,000. Tenable for two years for Master of Philosophy candidates or three years for Doctor of Philosophy candidates. Further information available from the Associate Dean, Research, Faculty of Rural Management.

**Australian Postgraduate Award (APA)**

The Australian Postgraduate Award (APA) is open to either i) Australian citizens or ii) permanent residents of Australia who have been living in Australia for the 12 months prior to the closing date for application. Awards are funded by the Department of Education, Science and Training (DEST) and are tenable at an Australian tertiary institution for doctoral and masters research degrees. The benefits include a tax-exempt stipend valued at $18,009 per annum (2003 rate), relocation and thesis allowances. Competition for the APA is extremely high and successful applicants must have a first class Honours degree or equivalent. Application forms are available from Research Training, Research Office from 31 August in the year prior to the first year of enrolment in the Masters or PhD. Students who will have completed one year of study towards Masters by Research or up to 2.5 years of study towards PhD by the commencement of their scholarship are also able to apply.

**Closing date for applications: 31 October.**

**University of Sydney Postgraduate Award (UPA)**

The University of Sydney Postgraduate Award has conditions and allowances similar to the APA. Permanent residents of Australia who have not lived in Australia for the 12 months prior to the closing date for application are also able to apply. However, the award is funded by The University of Sydney and is not transferable to other institutions. The University of Sydney Postgraduate Award is offered to applicants ranked on the Australian Postgraduate Award order of merit list. To be considered for the UPA applicants should submit the APA/UPA application form.

**Closing date for applications: 31 October.**

**Research HECS Exemption**

Under DEST’s Research Training Scheme (RTS) 2002 guidelines, RTS places will be granted for a maximum of four years’ full-time equivalent study for students undertaking an eligible Doctorate by research and for
a maximum of two years’ full-time equivalent study for Masters by research. The RTS places provide students with an ‘entitlement’ to a HECS exemption. Further information is available from the University’s HECS Officer at the Student Centre. Tel: (02) 9351 2086. RTS places are allocated by the University and applications are not required.

Richard Claude Mankin Scholarship - Water Conservation

The Mankin scholarship is awarded to candidates enrolling in a higher degree by research and is intended to promote and encourage research related to water conservation. The scholarship may be awarded in two categories: postgraduate scholarship - valued at the same rate as the Australian Postgraduate Award ($18,009 pa in 2003) or a supplementary scholarship - valued to be determined by the selection committee. Further information is available from Research Training, Research Office. Tel: (02) 9351 3250, Email: scholars@reschols.usyd.edu.au

Closing date for applications: early January.

Primary Industry Research and Development Corporation Scholarships

Many Research and Development Corporations offer scholarships to postgraduate students working on projects that will further knowledge about an aspect of the field of interest of the particular corporation. Most of the corporations now make applications forms available on their web sites. Applications must be submitted through Research Training, Research Office. Some of the main funding bodies are:

- **Australian Pork Ltd (APL) - formerly Pig Research and Development Corporation**
  Tel: (02) 6285 2200, Email: research@apl.com.au
  Applications close: September

- **Cotton Research and Development Corporation (CRDC)**
  Tel: (02) 6792 4088, Email: crdc@crdc.com.au
  Web: http://www.crdc.com.au
  Applications close: October

- **Dairy Research and Development Corporation (DRDC)**
  Tel: (03) 9602 5300, Email: mailto:hoates@drdc.com.au
  drdcadm@drdc.com.au, Web: http://www.drdc.com.au
  Applications close: October

- **Grains Research and Development Corporation (GRDC)**
  Tel: (02) 6272 5525 Email: grdc@grdc.com.au,
  Web: http://www.grdc.com.au
  Applications close: October

- **Rural Industries and Development Corporation (RIRDC)**
  Tel: (02) 6272 4539, Email: mailto:hoates@drdc.com.au rirdc@rirdc.gov.au,
  Applications close: September

Other funding opportunities from external granting bodies and non-established scholarships are advertised on the University’s research website: http://www.usyd.edu.au/su/reschols/scholarships/

Prizes

Australian Federation of University Women-Central West Branch Prize

A $70 book voucher is available to a female student graduating from a degree course at the Faculty. The student’s home address is to be bounded by the Central Western cities/towns of Orange, Bathurst, Cowra, Eugowra, Cumnock, Molong and Canowindra.

Australian National Field Days Awards

Three $100 book vouchers are awarded for the best academic performance in the four stage one units of Farm Management, Business courses and Horticultural courses. The award is determined on the nomination of the Scholarships and Awards Committee to the Faculty of Studies. The board conveys its nominations to the chairman of the Australian National Field Days Management Committee. The awards are presented at the opening of the Australian National Field Days each year at the Borenore site near Orange.

Beef Improvement Association of Australia Prize

An $100 book prize to the Faculty graduate who has shown the greatest understanding and commitment to the performance breeding of cattle.

Butterworths Book Prizes

Two $150 book vouchers presented by the publishers are awarded to the internal and external students who achieve the highest marks in the Management Information Systems unit. The awards are presented at the graduation dinner each year.

The Peter Collett Family Prize for Excellence and Maturity

A sum of money is awarded for the purchase of a work-related item of equipment or reference book. The award is made to a graduate of the Rural Business Administration course who has best shown academic ability, business commonsense, above average self expression, initiative and self discipline, good commercial knowledge and has contributed to promoting the aims and objectives of the Institute of Agricultural Secretaries of Australasia. The award is determined on the recommendation of the Scholarships and Awards Committee of the Faculty.
J B Faulkner Award
A $100 book voucher for the awardee who graduates from the Horticultural courses with an above average academic record and has made a contribution to the horticulture industry. The award is determined by the Scholarships and Awards Committee of the Faculty.

Institute of Rural Business Administration Book Scholarship
The Institute of Rural Business Administration was officially wound-up in March 1999 and net financial resources of the organisation were donated to the Faculty of Rural Management for the establishment of a book scholarship.

The Amount to be awarded annually is $600 and the criteria for selection of the awardee is as follows:
- The scholarship is to be awarded to the student, entering the third year of their course, who has achieved the best academic performance in the core units studied by internal mode, in the first four semesters of either the Bachelor of Rural Business Administration or Bachelor of Business (Agricultural Commerce).

MacKinnon Prize
An engraved silver tray is awarded to graduates of the Farm Management and Rural Business Administration courses who have contributed most to the overall activities of campus life. The award is determined through nominations called from the Student Association and the final selection is made by the Scholarships and Awards Committee of the Faculty.

NSW Farmers’ Association A R Johnston Memorial Prize
A formal certificate plus $200 cash is awarded to the Farm Management graduate who has the most outstanding academic achievement. The award is presented at the graduation dinner each year.

University of Sydney - Orange Student Association - Service to Student Association Award
The association presents a prize to a student (not a member of the Student Association Board of Management) who has made a significant contribution of service to the Student Association. The award is presented at the graduation dinner.

Pockley Prize
A book is awarded to the best overall achiever from the Faculty’s internal student graduates. Determination of achievement is to include sound academic performance, demonstrated judgment, maturity, motivation, balanced approach to course and career, and contribution to Campus life.

The award is determined by the Scholarships and Awards Committee of the Faculty in consultation with Student Association officers.

Australian Association of Natural Resource Management (NSW Branch) Prize
The association provides a certificate and 12 months membership to the Land Management graduate with the highest aggregate in the course units Soil Resource Management and Water Resource Management.

Vince Stein Prize
An item of horse equipment is awarded annually to the graduate from the Equine Business Management course with an above average academic record and who is the most improved student in the course. The award is determined by the Scholarships and Awards Committee of the Faculty in consultation with the horse course leader. The presentation will be made at the graduation dinner each year.

Virbac Horse Nutrition Prize
One annual award of a selection of recognised nutrition books will be made to the Equine Business Management student who, in the first year of their course, achieves the best overall assessment in the theory and applied nutritional study of the individual horse.

Virbac Prize for Excellence in Nutritional Management of Horses
One annual cash award of $250 will be made to the second year student in Equine Business Management who achieves the best overall assessment in the theory and applied study of horse nutrition on an enterprise basis.