

Appendices

Appendix 1: Example University Courses in Agroecology and Sustainable Agriculture*

University	Course	Level	Course Description	Reference(s)
Charles Sturt University	Bachelor of Ecological Agricultural Systems	Undergraduate	6-year distance education course with a foundation based on four principles; ecological thinking, ecological ethics, ecological literacy, and ecological practice.	Charles Sturt University (2011a)
Charles Sturt University	Master of Sustainable Agriculture (Postgraduate Certificate & Postgraduate Diploma of Sustainable Agriculture)	Postgraduate	4 years part-time distance education or 1.5 years full time on campus designed to equip students with knowledge and skills to balance the economic, human and natural resource factors for agricultural sustainability.	Charles Sturt University (2011b)
European Network of Organic Agriculture Teachers (ENOAT)	Common degree level specialisation in ecological agriculture	Undergraduate	Running under the EU's Socrates program by a consortium of over 14 European Universities	Sriskandarajah et al (2006)
(Former) Hawkesbury Agricultural College (Australia)	Bachelor of Applied Science (Agriculture)	Undergraduate	Considered a pioneering course in the application of systems theory to agriculture the 'Hawkesbury Model' included one semester of on-farm or in-industry experience as an Action Research Project.	Bawden et al (1984) Bawden et al (1985)
Helsinki University (Finland)	Various subjects on Organic Agriculture	Undergraduate & Masters	All courses are interdisciplinary, participatory and include economic, social and environmental perspectives. Study components include interaction with farmers and food system stakeholders.	Sriskandarajah et al (2006)
Learning through Exchange - Agriculture, Food Systems and Environment (LEAFSE)	Organic farming exchange	Masters	1 semester exchange program through 4 European Universities and 4 Australian Universities (UQ, UNE, UWA & UWS)	Sriskandarajah et al (2006)

North Central Institute for Sustainable Systems (Collaboration of 3 USA Unis)	Agroecosystems Analysis	Undergraduate & Early Postgraduate	Directed readings followed by 1 week immersion study tour	Wiedenhoef et al (2003) Lieblein et al (2004)
Norwegian University of Life Sciences (Nordic Agroecology Program)	Masters in Agroecology	Postgraduate	Began as 1-week intensive subject for Masters & PhD students. Now a 2 year Masters program open to other Nordic Universities with 16 weeks intensive immersion in farming and food systems	Francis et al (2008) Francis et al (2009) Østergaard et al (2010) Sriskandarajah et al (2006)
Royal Melbourne Institute of Technology (Australia)	Farming the Future	Undergraduate	Elective subject available across a range of degree courses. 1 semester with 4 day intensive field trip	Alvarez & Rogers (2006)
Royal Veterinary & Agricultural University (Denmark)	Agro-scientific course on Organic Farming	Postgraduate - Masters Level	1 semester subject with 3 week intensive group study period	Kaltoft & Rasmussen (2004)
Swedish University of Agricultural Sciences	Independent study in Agroecology (2006) Adaptive Management - Theory Adaptive Management - Project Systems Ecology - Analysis Tools	Undergraduate	Independent study in Agroecology was a test pilot course designed by students that led to the development of later courses with organic and experiential focus.	Salomonsson et al (2008) Sriskandarajah et al (2006)
University of California at Davis (USA)	Major in Sustainable Agriculture	Undergraduate	4 core courses, elective streams in natural or social sciences & senior capstone group projects	Parr et al (2005)
University of Minnesota (USA)	Ecology of Agricultural Systems	Upper Undergraduate & Postgraduate	1 semester subject with group 'service learning' project	Jordan et al (2005) Francis et al (2009)

* **NOTE:** This list does not represent a comprehensive list of tertiary courses that include sustainable agriculture or agroecology; rather it provides details about courses from which the discussion in the body of the Dissertation is based.