

Partner Module specification

Module Code:	ARA719
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Module Title:	Survey and Analysis (Garden Design)
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Level:	7	Credit Value:	20
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Cost Centre(s):	GAAA	JACS3 CODE:	K340
		HECoS code:	100590

Faculty	Faculty of Arts, Science and Technology	Module Leader:	Andrew Duff
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Scheduled learning and teaching hours	100 hrs
Guided independent study	100 hrs
Placement	0 hrs
Module duration (total hours)	200 hrs

Programme(s) in which to be offered (not including exit awards)	Core	Option
MA Garden Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Pre-requisites		
None		

Office use only

Initial approval: 03/09/2019

Version no:1

With effect from: 03/09/2019

Date and details of revision:

Version no:

Module Aims

The aim of the module is to equip the student with the skills to work in professional practice and the ability to apply research and analysis to the development of design ideas.

A comprehensive understanding of design awareness is underpinned through research, development and self-reflective practice.

It will encourage students to explore concepts and imagery relevant to their creative thinking as designers and to provide a structured and comprehensive approach to site evaluation.

Through the teaching of surveying and levelling students will develop the skills to brief a professional survey team and to read and interpret full level survey documentation.

Development of a wide range of skills provide a systematic approach suitable to and preparing for a future as a self-employed garden designer.

Intended Learning Outcomes

Key skills for employability

- KS1 Written, oral and media communication skills
- KS2 Leadership, team working and networking skills
- KS3 Opportunity, creativity and problem solving skills
- KS4 Information technology skills and digital literacy
- KS5 Information management skills
- KS6 Research skills
- KS7 Intercultural and sustainability skills
- KS8 Career management skills
- KS9 Learning to learn (managing personal and professional development, self-management)
- KS10 Numeracy

At the end of this module, students will be able to		Key Skills	
1	Carry out a site analysis, combining objective and subjective information as a basis for design development and to support and justify their ideas and concepts	1	
2	Survey and measure external spaces two-dimensionally and plot the survey accurately, understanding the use of surveying equipment and the measurement of levels drawing with levels and contours.	10	
3	Cost a complete project considering labour and hire charges alongside prime cost sums and analyse the outcome in terms of budgetary constraints	10	
4	Prepare and use a bill of quantities, emanating from their own design work and calculate professional fees appropriate to the kind of work and size of contract undertaken	5	

Transferable skills and other attributes

Research and analytical skills
Communication verbal and drawn
Team and collaborative skills

Derogations

None

Assessment:**Indicative Assessment Tasks:**

The student will be expected to keep a journal charting the development of the project, augmented by the production of site drawings based upon their survey and site analysis. New design proposals will illustrate the potential development of the site and be cross referenced with the logistics, documenting a full costing and quantified use of materials, as if for presentation to a commissioner or client.

Assessment number	Learning Outcomes to be met	Type of assessment	Weighting (%)	Duration or Word count (or equivalent if appropriate)
1	1,2,3,4	Coursework	100%	

Learning and Teaching Strategies:

The teaching is supported by visits to all subsequent live sites, during which students are required to differentiate between subjective and objective considerations. Surveying work is introduced in lectures and supported by site visits and practical groups surveying sessions on a live site. Students are encouraged to reflect on the importance of clarity in instructing and conducting survey work on site.

Syllabus outline:

Evaluation of design analysis phase, introduces the various subject areas that combine to form this module.
Survey-Analysis-Design (SAD) delivered as a lecture prior to the first live scheme and site visit and revisited as the design develops.
Students are introduced to the client brief and to evaluation and survey techniques. Communicate findings and designs to both specialist and non-specialist audiences.
The principles of good business practices in garden design, delivered through seminars.

Indicative Bibliography:

Essential reading

Appleton, Jay. 1996. *The Experience of Landscape*. John Wiley & Sons, New York.

Duncan, James and David Ley, (1993) *Place/Culture/Representation*. Routledge, London & NY.

Forman, Richard T.T. and Wilson, Edward O. 1995. *Land Mosaics: The Ecology of Landscapes and Regions*. Cambridge University Press, Cambridge.

Forman, Richard. (1996) *Land Mosaics*. Harvard University Press, Cambridge, MA.

Jackson, J. B. (1986) *Discovering the Vernacular Landscape*. Yale University Press, New Haven.

Jackson, J. B. (1994) *A Sense of Place, A Sense of Time*. Yale University Press, New Haven.

Jellicoe, Geoffrey & Susan. (1975) *The Landscape of Man: Shaping the Environment from Prehistory to the Present Day*. Van Nostrand Reinhold, New York, NY.

Lassus, Bernard, (1998) *The Landscape Approach*. University of Pennsylvania Press, Philadelphia, PA.

Meinig, D.W., (ed.) (1979) *The Interpretation of Ordinary Landscapes*. Oxford University Press, New York.

Miller, Naomi, and Kathryn Gleason. (1994) *The Archaeology of Garden and Field*. University of Pennsylvania Press, Philadelphia, PA.

Schama, Simon. (1995) *Landscape and Memory*. Knopf, New York.

Todd, Nancy Jack. Ed. (1977) *The Book of New Alchemists*. Dutton/Plume, New York.

Tuan, Yi Fu. (1977) *Space and Place: The Perspective of Experience*. University of Minnesota Press, Minneapolis, MN.

Other indicative reading

Field, H.L. (2011) *Landscape Surveying*. 2nd Edn. Delmar Cengage Learning.

Garmory, N, Tennant, R., Winsch, C. (2007) *Professional Practice for Landscape Architects*. 2nd Edn. Routledge, Abingdon, Oxfordshire.

Langdon, D. (2013) *Spon's External Works and Landscape Price Book 2014*. CRC Press

Muir, R., (2000) *The New Reading The Landscape: Fieldwork in Landscape History (Landscape Studies)*. University of Exeter Press.

Pearson, D. (2011) *Spirit: Garden Inspiration*. FUEL

Potteiger, M. (1998) *Landscape Narratives: Design Practices for Telling Stories (Architecture)*. John Wiley & Sons, New Jersey, NY.

Rippon, S. (2004) *Historic Landscape Analysis: Deciphering the Countryside*. Council for British Archaeology.

Rogers, W. (2010) *The Professional Practice of Landscape Architecture: A Complete Guide to Starting and Running Your Own Firm*. 2nd Edn. John Wiley & Sons, New Jersey, NY.

Steenbergen, C., (2008) *Composing Landscapes: Analysis, Typology and Experiments for Design*. Birkhauser, Basel.

Vernon, S., (2nd Edition 2013) *Landscape Architect's Pocket Book*. Routledge, Abingdon, Oxfordshire.

Online:

<http://www.gardenvisit.com/blog/>