

11:584 11155-7117

6 hours per week
11:584 11155-7117
1:700
Tuesday, 10:00 - 10:00 Online
Wednesday, 10:00 - 10:00 Online
Thursday, 11:00 - 13:00 Online (some Face to Face)

11:584 11155-7117 Prof Richard Stuart
7-9:40:347 email r.stuart@unsw.edu.au

48:347 Dr Soo Hwa Teh
email soohwa.teh@unsw.edu.au

Dr James Hayes
Email j.hayes@unsw.edu.au

Dr Ali Ardeshir
Email a.ardeshir@unsw.edu.au

Associate Prof Iain MacCall
Email i.mccall@unsw.edu.au

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This builds on the fundamentals from courses in Years 1, 2, and 3 plus relevant background and is for a range of

2018

environmental sustainability
and economics

transport
planning
to control

The course covers the system design of infrastructure, specifically focusing on:

- Water systems
- Transport systems
- Energy systems
- Material management systems, particularly related to waste and water
- Planning influences on regional and urban infrastructure
- Use of sustainability assessment tools for the selection of infrastructure design.

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link to virtual handbook:!

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Objectives of the course include:

enable students to design infrastructure systems that include the social and cultural context, as well as having regard to sustainability principles in urban precincts.

information to direct the design of infrastructure so that materials are conserved and not buried in un-reusable forms into the environment.

sustainability in terms of waste water, energy and transport.

methods to assess the performance of system and the impact of the system.

working from macro scale to micro scale in water and waste management, transport and energy systems. Sustainability outcomes are

urban context.

have the student the following attributes:

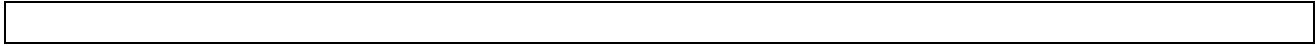
relevant disciplinary knowledge and interdisciplinary content

ability to solve complex, real-world problems

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ASSESSMENT OVERVIEW

	T	L	W	L	A C	I	D
1.	O l i e Q i	15 MCQ	15%	! "#\$%&'\$\$	<u>I d i d a l</u> l i e i c d c e d d i g c l a (e e M d l e f d e a i l)	14/09/20	01/10/20 a 11:00 a (Week 3)
2.	Tech i c a l e	10 a g e I A e d i	40%	CLO 2, 3, 4	<u>I d i d a l a e e</u> (e e M d l e f d e a i l)	14/09/20	15/11/20 a 11:59 PM (Week 10)
3.	P f e i a l Skill P a A: P j e c M a a g e e R e	R e a d g i e i e	15%	CLO 4	<u>G a e e</u> j e c a a g e e e a d i e i e	14/09/20	20/11/20 a 11:59 PM G i e i e i l l c c d i g e e k 11**
	P a B: P f e i a l D e l e	3 O l i e d l e	15%	CLO 4	<u>I d i d a l</u> g i g e f l e c i e c e (See M d l e f D e a i l)	14/09/20	T h g h e (See M d l e f d a e)
4.	P e e a i	3 i e g i d e					



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