

### Short Form Unit Details

Unit Title	Transport and Land Use
Level	2
Reference No. ( <i>showing level</i> )	LTP 2.163
Credit Value	15 CAT points
Student Study Hours	Contact hours: 39 Student managed learning hours: 111
Pre-requisite learning	Successful completion of level 1 units
Co-requisites	None
Excluded combinations	None
Unit co-ordinator	Andrew Simpson
Faculty/Department	Arts and Human Sciences / Urban, Environment and Leisure Studies
Short Description	Reducing the impact of transport by reducing the need to travel will be one of the key planning issues for the next millennium. The unit's primary concern is the dynamic interaction of transport and other land uses in general. The study of transport will be set in the context of transport economics, sustainability, policy making and implementation.
Aims	The aim of this unit is to enable students to engage with and understand current transport issues particularly reducing the need to travel and the interactions between; transport, land use and sustainability. This understanding will be set in the context of recent trends and prospects for transport in the UK.
Learning Outcomes	<p><b>Knowledge and Understanding:</b></p> <ul style="list-style-type: none"> <li>• understanding of recent trends in transport use and policy</li> <li>• understanding the importance of transport economics</li> <li>• understanding the relationships between transport, environment and land use planning</li> <li>• understanding the scope for intervention by government policy and development plans</li> <li>• understanding concepts of and the implementation of accessibility and mobility</li> </ul> <p><b>Intellectual Skills:</b></p> <ul style="list-style-type: none"> <li>• familiarity with transport surveys and survey methods</li> <li>• demonstration of a conceptual or theoretical approach to issues identified</li> <li>• engaging with the subject matter in a critical manner.</li> </ul> <p><b>Practical Skills:</b></p> <ul style="list-style-type: none"> <li>• working successfully as part of a team</li> <li>• appropriate use of academic texts and papers through referencing of key authors.</li> </ul> <p><b>Transferable Skills:</b></p> <ul style="list-style-type: none"> <li>• problem analysis and solving</li> <li>• researching a topic area</li> <li>• online searches,</li> <li>• survey methods and data collection,</li> <li>• group work,</li> <li>• written, graphical and oral communication, numeracy.</li> </ul>
Employability	<p>This unit prepares students for employability by</p> <ul style="list-style-type: none"> <li>• drawing on material and resources from the field of transport and land use in the context of transport economics, sustainability,</li> </ul>

	<p>policy making and implementation, and encouraging students to engage with this material</p> <ul style="list-style-type: none"> <li>enabling students to relate to and interact effectively with individuals and groups.</li> </ul>
Teaching and learning pattern	The unit will be delivered by lectures and seminars which will explore different modes of transport. Group work is an important part of the learning experience. Each week there will be a student-led seminar presentation followed by questions and discussion.
Indicative content	Recent trends in transport problems and policy. Mobility and accessibility. Government and local authority policy responses to current transport issues. Transport surveys, methods and analysis. Basic transport economics. The impact of transport technologies on urban structure. Advantages and disadvantages of the different modes of transport. Reducing the need to travel. Privatisation, regulation and public provision. Environmental consequences of transport growth. External costs and pricing mechanisms.
Assessment <i>Elements &amp; weightings</i>	<p>Coursework 1: a 1500 word survey report (50% of unit mark).</p> <p>Coursework 2: seminar paper (50% of unit mark).</p> <p>The Seminar Paper is an <i>individual</i> piece of work of about 1,500 words comprising a discussion of the main issues raised by the student's seminar topic including relevant data and policy background.</p>
Indicative Sources <i>(Reading lists)</i>	<p>O'Flaherty CA (ed) 1996 <i>Transport Planning</i>. London: Arnold</p> <p>Tolley R &amp; Turton B 1995 <i>Transport Systems, Policy and Planning: a geographical approach</i> Harlow: Longman</p> <p>Haywood R 1999 "Getting on the track for rail freight growth" <i>Planning</i> 13 August</p> <p>Hoyle B &amp; Knowles R 1998 <i>Modern Transport Geography</i> (2<sup>nd</sup> ed) Wiley: Chichester</p> <p>Kneale PE 1999 <i>Study Skills for Geography Students</i>, London Arnold (chapter 10 "Oral Presentations)</p> <p>Johansson O, Maddison D &amp; Pearce D 1996 <i>The true costs of road transport (blueprint 5)</i>, London: Earthscan</p> <p>Richards B 2001 <i>Future Transport in Cities</i>, London: Spon</p> <p>Tolley R 1997 (ed) <i>The Greening of Urban Transport</i>, Sussex: Wiley</p> <p>White P 1995 (3rd ed) <i>Public Transport: its planning, management and operation</i>, London: UCL Press</p> <p>Journals</p> <p><i>Planning</i> and <i>Town and Country Planning</i> for shorter articles on transport issues.</p> <p><i>Town Planning Review</i> and <i>Planning Practice and Research</i> contain longer more academic articles.</p> <p><b>Web Sites</b></p> <p>Dept. of Transport web site on: <a href="http://www.dft.gov.uk">http://www.dft.gov.uk</a></p> <p>CLG web site on: <a href="http://www.communities.gov.uk">http://www.communities.gov.uk</a></p> <p>RTPI web site on: <a href="http://www.rtpi.org.uk">http://www.rtpi.org.uk</a></p> <p>The Planning Newspaper is at <a href="http://www.planning.haynet.com">http://www.planning.haynet.com</a></p>