



The University of Sydney
Faculty of Economics and Business



Institute of Transport and Logistics Studies

www.itls.usyd.edu.au

The Institute of Transport and Logistics Studies is recognised as a National Key Centre of Excellence by the Australian Federal Government and is ranked amongst the top five institutes in the world in transportation and logistics research and education.

The Institute of Transport and Logistics Studies (ITLS) provides specialist training through our graduate, management education and bus and coach programs as well as undertaking grant and contract research and development in the fields of transport, logistics and supply chain management.

The ITLS is a world class research centre, home to some of Australia's, and the world's, leading academics in transportation, logistics and supply chain management. Our Institute enjoys frequent visits from internationally renowned scholars and practitioners who come to teach in our programs and work with us on collaborative research projects.

Transport and logistics specialists are in very high demand in the private and public sectors throughout the world. With the business world becoming more connected day by day, the need to have efficient and effective supply chains and transport systems for the movement of people and the distribution of freight, has become paramount. Our alumni serve in senior management and advisory positions, within Australia and internationally, for prestige organisations

as well as the senior executives of national and state governments.

We have extensive links to leading transport and logistics institutes around the world and in Australia we are proud of the quality partnerships that we have forged with government and industry.

Our Board of Advice actively supports the continued development and utilisation of the ITLS as a centre of excellence adding value to the community. The academic and commercial membership of the Board gives a broad network for the sharing of expertise and experience.

Further Information

Visit: www.itls.usyd.edu.au
Email: info@itls.usyd.edu.au





Research

We enjoy a high level of research success both in terms of winning highly competitive grant and contract funding from government and industry and in our influence on policy and practice by the dissemination of our research outcomes through: publication in prestige international journals; presentations and workshops at global conferences; our active engagement with industry and government; and through our highly successful research seminar series which draws speakers of renown from around the world to talk about their latest cutting edge research and attracts audiences from academia, industry and government.

Key areas of research include:

- Advanced technologies (GPS, GIS)
- Choice modelling and analysis
- Choice experiment design
- Environmental modelling
- Global value chain management
- Location activity optimisation
- Logistics and new business models
- Maritime logistics management
- Operations management
- Passenger and freight travel demand
- Performance and productivity measurement
- Privatisation and deregulation in passenger transport
- Public transport strategy, planning and policy
- Response management and supply chain
- Survey methodology
- Sustainable transport and logistics systems
- Vehicle routing optimisation

Graduate Program

We offer a fully integrated and articulated coursework and research program for graduates and non-graduates with industry experience.

Coursework program

- Master of Transport or Logistics Management (and combined programs)
- Graduate Certificate
- Graduate Diploma

Our coursework program is designed to ensure that students achieve academic objectives, as well as developing a set of diverse management and specialist skills that produce well-rounded managers and leaders of the future. The program provides solid grounding in the development of theory, strategy and practice, backed with the appropriate technical skills in transport and logistics management.

Research program

- MPhil or PhD in Transport or Logistics Management

Our active research program provides a set of themes that can be translated into highly successful research programs. These range from highly quantitative to highly qualitative research topics with a focus on basic and applied research. Our research students become close members of the institute and have open access to excellent research facilities.

Management Education

- Advanced Certificate in Transport and Traffic Management

This program is designed to advance the ability of professionals to analyse the social, environmental and business aspects of transport and traffic planning and management and to develop creative new solutions by broadening their intellectual base and deepening their understanding of transport.

- Choice Analysis and Experimental Design

These courses are intended for researchers in fields in which consumer demand and choice is of interest. The courses provide both theory and practical experience in the building and estimating of simple and more advanced choice models as well as in generating stated choice experimental designs.

Bus and Coach Program

- NSW Bus and Coach Accreditation

This online program is designed to meet the requirements for accreditation for bus and coach operators under the NSW Passenger Transport Act.

- Certificate of Transport Management

This program expands on the accreditation requirements to provide professional development for managers of bus and coach companies.