

- Monte-Carlo simulations will be conducted in order to investigate properties of estimators. Simulation exercises will provide very useful insights into sampling distribution.
- Basic matrix algebra specifications will be used. By using matrix algebra, the fundamental results in econometrics can be presented in an elegant, compact, and uncluttered manner.
- Some computer programming will be done in implementing econometric theory. Programming econometric formulas will enhance students' understanding of formulas. Through programming, theoretical results that have not been incorporated as automatic commands in a software package can be implemented in empirical work.

The course is designed for completing students to:

- be familiar with the main forms of regression models;
- be competent in the use of the econometric package EViews;
- be able to carry out their own applied work to an acceptable standard;
- be able to understand and critique reports on journal articles using applied regression analysis;
- have covered the foundations for a graduate course in econometrics.

TEXTBOOK

Verbeek, M, *A Guide to Modern Econometrics*, John Wiley & Sons, 2000.

OTHER REFERENCES

Griffiths, W E, R C Hill, and G G Judge, *Learning and Practicing Econometrics*, John Wiley & Sons, 1993.

Wooldridge, J M, *Introductory Econometrics: A Modern Approach, 2e*, South-Western College Publishing, 2003.

COURSE WEB

Selective course material will be available at the Blackboard.

ASSESSMENT AND TERMS REQUIREMENT

Assignments	15%	About 4 assignments
Mid-trimester test	35%	Thursday 1 September, 2:40–3:30pm, in class
Final examination	50%	Date to be set, in the exam period, 10 October–6 November

Assignments will include both problem solving and computer tasks.

Terms requirements are satisfied by students attending in at least 8 tutorials and taking both the mid-trimester test and the final exam.

COURSE ORGANISATION

Week	Date	Lecture	Tutorial
1	Jul 5 Tu 7 Th	Review on Ordinary Least Squares Inferences with OLS	No tutorial
2	12 Tu 14 Th	Introduction to Matrix Algebra OLS Using Matrix Algebra	OLS simulation
3	19 Tu 21 Th	Asymptotics for OLS	OLS with real data
4	26 Tu 28 Th	Instrumental Variable Estimation	IV simulation
5	Aug 2 Tu 4 Th	Instrumental Variable Estimation	IV with real data
6	9 Tu 11 Th	Maximum Likelihood Estimation Inferences with MLE	MLE with real data
15 Aug–28 Aug Mid-trimester break			
7	Sep 30 Tu 1 Th	Heteroskedasticity Terms test	Heteroskedasticity
8	6 Tu 8 Th	Autocorrelation	Autocorrelation
9	13 Tu 15 Th	Stationary Time Series Models	ARMA
10	20 Tu 22 Th	Unit Roots	Unit root tests
11	27 Tu 29 Th	Vector Autoregressive Models	VAR
12	Oct 4 Tu 6 Th	Cointegration and ECM	Cointegration tests

GENERAL UNIVERSITY POLICIES AND STATUTES

Students should familiarise themselves with the University's policies and statutes, particularly those regarding assessment and course of study requirements, and formal academic grievance procedures contained in the statutes in the VUW website.

The University Statute on Student Conduct and Policy on Staff Conduct

The Statute on Student Conduct together with the Policy on Staff Conduct ensure that members of the University community are able to work, learn, study and participate in the academic and social aspects of the University's life in an atmosphere of safety and respect. The Statute on Student Conduct contains information on what conduct is prohibited and what steps can be taken if there is a complaint. For queries about complaint procedures under the Statute on Student Conduct, contact the Facilitator and Disputes Advisor. This Statute is available in the Faculty Student Administration Office or on the website at:

<http://www.vuw.ac.nz/policy/StudentConduct>

The policy on Staff Conduct can be found on the VUW website at:

<http://www.vuw.ac.nz/policy/StaffConduct>

Academic Grievances

If you have any academic problems with your paper you should talk to the tutor or lecturer concerned or, if you are not satisfied with the result of that meeting, see the Head of School or the Associate Dean (Students) of your Faculty. Class representatives are available to assist you with this process. If, after trying the above channels, you are still unsatisfied, formal grievance procedures can be invoked. These are set out in the Academic Grievances Statute which is published on the VUW website:

<http://www.vuw.ac.nz/policy/AcademicGrievances>.

Plagiarism

Victoria University defines plagiarism as the copying of ideas, organisation, wording or anything else from another source without appropriate reference or acknowledgement so that it appears to be one's own work. This includes published and unpublished work, the Internet and the work of other students and staff. Plagiarism is an example of misconduct in the Statute of Student Conduct. Students who have plagiarised are subject to a range of penalties under the Statute. See the website: <http://www.vuw.ac.nz/policy/StudentConduct>

Reasonable Accommodation Policy

The University has a policy of reasonable accommodation of the needs of students with disabilities. The policy aims to give students with disabilities an equal opportunity with all other students to demonstrate their abilities. If you have a disability, impairment or chronic medical condition (temporary, permanent or recurring) that may impact on your ability to participate, learn and/or achieve in lectures and tutorials or in meeting the course requirements, then please contact the Course Coordinator as early in the course as possible. Alternatively you may wish to approach a Student Adviser from Disability Support Services to confidentially discuss your individual needs and the options and support that are available. Disability Support Services are located on Level 1, Robert Stout Building, or phoning 463-6070, email disability@vuw.ac.nz.

Suzanne Freear is the School of Economics and Finance Disability Liaison. She can be contacted on Suzanne.Freear@vuw.ac.nz, phoned on 463-5014, or visited at Room 511, Murphy Building.

STUDENT SUPPORT SERVICES

Student Services provide a range of services to help you make the most of your time at university. You can contact the following services for assistance directly or visit our website:

http://www.vuw.ac.nz/st_services/

to find out more about us.

Accommodation Service, 14 Kelburn Parade, tel 463 5896

If you are looking for a flat, flatmates or Hall of Residence information, then we are a great place to start. The letting centre has a comprehensive range of vacancy listings to suit all budgets and tastes and can offer helpful advice on tenancy issues.

Career Development and Employment, 14 Kelburn Parade, tel 463 5393

Contact us if you need some independent career advice to help you find the right career, to find out what sorts of careers are available with your degree or to get some help in writing a CV. If you are looking for a job watch out for our Graduate Recruitment programmes and/or our free fortnightly jobs bulletin, *Current Vacancies*.

Counselling Service, 2 Wai-te-ata Road, tel 463 5310

Our counsellors are available to discuss personal and academic issues that affect your general sense of wellbeing, your relationships or your learning. Ring to make an appointment for our free confidential service.

Creches, tel 463 5151

We can provide your child/children with the best possible education and care while you study.

Disability Support Services, Level 1, Robert Stout Building, tel 463 6070

Here at Vic, disability is self-defined and includes people with permanent, temporary or recurring impairments, injuries or chronic medical conditions. Contact Sam or Joanna (our Student Advisers) to confidentially discuss your individual needs.

Kaiwawao Maori, 48 Kelburn Parade, tel 463 6001

The Kaiwawao Maori offers social and academic support to Maori students studying at Victoria. If you have questions or concerns, or are unsure about who to talk with or where to go, the Kaiwawao Maori can help.

Student Finance Advisory Service, 14 Kelburn Parade, tel 463 6644

We can provide practical advice on budgeting, coping financially and help you with Student Loan and Allowance applications. Through the Student Assistance Scheme we are also able to provide you with financial assistance if you are facing exceptional hardship.

Student Health Service, 4 Wai-te-ata Road, tel 463 5308

We offer a full medical practice at Kelburn campus and have clinics at the Law School and the Schools of Architecture and Design. As well as dealing with general illnesses, accidents and prescriptions, specialist services such as psychiatry, nutrition and dermatology are also available. The service is free to students with a Community Services Card.

Student Learning Support Service, 14 Kelburn Parade, tel 463 5999

Build confidence and maximise your academic success with support from SLSS. We offer workshops and one to one tuition in such areas as essay writing, maths and stats, learning strategies, study skills, and language skills.

Maori and Pacific Student Mentoring Programme, Room 201 Easterfield, tel 463 6015

Want to help other Maori and Pacific students succeed at University or need some support yourself? Contact Cherie Chu for more details about the programme.