

Practical GE Modelling Course

Dates: 9-13 September 2019

Venue: WIFO, Arsenal, Objekt 20, A-1030 Vienna.

[The Centre of Policy Studies](#) (CoPS) offers an intensive one-week course introducing participants to computable general equilibrium (CGE) modelling with GEMPACK software. The course will be hosted by the [Austrian Institute of Economic Research](#) (WIFO).



Simulations: Brexit, Immigration, Climate change

Participants will have the opportunity to perform topical simulations which investigate the effect on the **Austrian** economy of **Brexit**, changes to **immigration** policy and the impact of **climate change**. Participants take away a comprehensive set of course materials including all simulations and the course software.

Outline

The course focuses on a typical single-region applied general equilibrium model: the ORANI-G model. Variants of the ORANI model have been used extensively for policy analysis in Australia for more than two decades. ORANI-G, a generic version of ORANI, has been used to model the economies of more than 30 countries around the world, including the United States, China, Austria, Italy, Poland, Sweden, Finland, Brazil, India and South Africa, among many others.

The course aims to introduce participants to the ideas and techniques of CGE modelling, and to equip them to start using, adapting or constructing CGE models for their own simulations. By the end of the course, participants will have acquired thorough knowledge of:

- the theory underlying CGE models;
- the basic structure of a typical CGE model;
- the representation of applied GE models in the notation used in GEMPACK;
- the data requirements of a typical single-country CGE model;
- checking that the equations and data of a model are implemented correctly on the computer;
- formulating exogenous scenarios;
- computing simulations for policy analysis and interpreting and reporting results.

The course program consists of lectures integrated with a sequence of practical computer exercises using GEMPACK. This provides a strong emphasis on learning through analysis of stylized simulations including a rise in wages, an increase in government spending or a change in applied tariffs. The course will be taught by the [world-leading CGE modellers from the Centre of Policy Studies](#).

The course should appeal to

- those needing background to work with, or understand results from, a typical CGE model like ORANI-G;
- those wishing to use the theory of ORANI-G with GEMPACK for a model of a country other than Australia;
- those wanting to understand current policy issues in the context of a formal economy-wide system.

Course Fees (€)

	Full	15% discount CEEC	20% discount 2+members/institution
Student	1 200	1 020	960
Academic	2 400	2 040	1 920
Government	3 200	2 720	2 560
Private sector	4 500	3 825	3 600

The fee covers course materials (including software), morning and afternoon teas and 5 lunches. It does not cover accommodation, breakfast or dinner.

Registration and Payment

Registration is done through CoPS. Please send an email to Louise Pinchen (louise.pinchen@vu.edu.au) stating the **name**, **organisation** and **email** for all those wishing to register. Payment information will be sent by reply email.

More information

For more information please visit the Practical GE Modelling course page <http://www.copsmodels.com/pgemc.htm>.



VICTORIA UNIVERSITY
MELBOURNE AUSTRALIA

