



Doctoral School in Economics, Finance and Management

Course ID Doctoral Course on Modeling International Migration

1. Course details

Semester:	2
Credit rating:	1 ECTS
Teaching units	15
Pre-requisite(s):	Knowledge of basic macro models and basic econometric methods is an asset.
Lecturers:	Professor Michel Beine (University of Luxembourg)
Administrator:	Noémie Courtois
Tutors:	None
Seminar times and rooms:	please see Point 3
Tutorial times and rooms:	None
Communications	It is important that students should regularly read their University e-mails, as important information will normally be communicated this way.
Mode of assessment:	One essay per student / review of a paper
Examination Periods:	September 2021
Course WebPage:	Moodle.uni.lu

2. Aims and objectives

Aims

The course will focus on the modelling of migration intentions, a relatively recent type of outcome measure.

The first part will be devoted to the presentation of the migration intentions

- How can we measure migration intentions?
- How does it differ from actual migration movements?
- What are the main determinants of these intentions and how does it differ from findings on actual movements of people?
- Presentation of the Gallup World Poll survey and presentation of its limitation.

The second part will be devoted to more exploratory issues related to the modelling approach.

- Failure to account for the hypothesis of independence of irrelevant alternatives (IIA) in the modelling of migration intentions (and movements).
- Accounting for violations of IIA within the Random Utility framework: a cross-nested approach.
- Going beyond the RUM model: accounting for attraction effects.

Learning Objectives

At the end of this course students will have a broad overview of the recent literature devoted to the economic analysis of international migration and in particular of the migration intentions. After this course, students will be able to understand the key elements of the migration intention measures and their modeling.

On completion of this course unit successful students will be able to:

1. Understand the difference between migration intentions and migration movements
2. Understand the differences in the determinants affecting intentions compared to movements
3. Understand the main traditional assumptions used to model intentions, such as the IIA hypothesis
4. Be aware of the alternative approaches to deal with deviations from the IIA hypothesis.

3. Schedule

Dates 2021	Room	Time	Content
July 7	A16	14:00 – 17:00	Part 1
July 8	A16	10:00 – 12:30 14:00 – 17:00	Part 2
July 9	A16	09:30-12:00	Part 3

4. Indicative reading list

Beine, M., Machado, J., and Ruysen, I. (2019). Do potential migrants internalise migrant rights in oecd host societies. Technical report. LISER Working papers 2019-45. Forthcoming in the *Canadian Journal of Economics*.

Beine, Michel, Simone Bertoli and Jesus Fernandez-Huerta-Moraga (2015), A Practitioners' Guide to Gravity Models of International Migration, joint with, *The World Economy*, March, DOI: 10.1111/twec.12265.

Docquier, F., Peri, G., and Ruysen, I. (2014). The cross-country determinants of potential and actual migration. *International Migration Review*, 48:S37–S99.

Natenzon, Paulo (2019), Random Choice and Learning, *Journal of Political Economy*, vol. 127, no. 1, 419-457.

Train, Kenneth. (2009). *Discrete Choice Methods with Simulation*. Cambridge University Press.