



# Faculté des sciences économiques, sociales et politiques

## ESPO

### DEMO3540 Demographic analysis: special questions and new approaches

[30h] 4 credits

**Teacher(s):** Josianne Duchene, Claude-Michel Loriaux, Bruno Schoumaker  
**Language:** french  
**Level:** 3rd cycle course

#### Aims

To give DEA students additional demographic analysis based on recent methodology that is more research-specific, and focused on carefully targeted problems. To adapt the content occasionally through "special questions".

#### Main themes

- Measurement and analysis of the biological and behaviouristic variables of fertility. Bongaarts-type models.
- Measurement and analysis of the intermediary variables of mortality.
- Introduction to a biographical analysis of demographical phenomena.
- Individual indicators for fertility and infant mortality (e.g. DRAT).
- Observation and measurement of international migrations.
- Analytical problems associated with small populations (e.g. small numbers and calculation errors).

#### Content and teaching methods

A course combining theory, practice and illustrations.

#### Other information (prerequisite, evaluation (assessment methods), course materials recommended readings, ...)

Assessment: This will be in the form of personal work that students will have chosen on the basis of their DEA dissertation.

#### Other credits in programs

<b>DEMO3DA</b>	Diplôme d'études approfondies en démographie	(4 credits)	Mandatory
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