

## Formations Intensives de l'École HED

### Models in Demography : An introduction

**Formateur :** Robert Chung, University of California-Berkeley

Between April 1 and April 16, 2021, a short online course entitled « Models in Demography : An introduction » will be organized as part of « *Les Formations Intensives de l'École des Hautes Études en Démographie* » (EUR HED).

This short course will be presented over two weeks with a mix of 4 pre-recorded lectures (1.5 hour each) and 5 live sessions via Zoom (1 hour each). It presumes some knowledge of basic concepts and methods in demography but presents the underlying models of population growth and change. It will focus on and clarify the relationships among measures and methods, using a highly graphical approach to demographic models. For those who may have been exposed to basic demographic methods in languages other than English, this short course will be an opportunity to review them, focussing on English terminology.

After an initial live orientation meeting, you will watch pre-recorded videos and perform some exercises. We will then meet in live session to answer questions and see some examples.

Live sessions (all online via Zoom) : 16h-17h Paris time

- ❖ Thursday, April 1 : Introduction and orientation
- ❖ Tuesday, April 6 : The balancing equation and components of growth ;
- ❖ Friday, April 9 : Age-structured populations: cohorts, periods, and Lexis diagram
- ❖ Tuesday, April 13 : Probabilities, rates, hazards, and the life table
- ❖ Friday, April 16 : Cohort fertility, parity, the NRR, and age-patterns in maternity

*This training is organized remotely via Zoom.*

*The access modalities will be communicated to the participants during the registration confirmations.*

**NB:** The Intensive courses of the HED School can deliver ECTS credits. A certificate of attendance can be delivered at the end of the training or on request. We invite each doctoral student to contact the management of his or her doctoral school for more information.

Informations and inscriptions: [formations-intensiveshed@ined.fr](mailto:formations-intensiveshed@ined.fr)