



# Ph.D. in Life Course Research

*Socio-demographic curriculum*

Raffaele Guetto (UNIFI)



**LIFE  
COURSE  
RESEARCH**

# DIN - Life Course Research



## Socio-demographic curriculum

- An **interdisciplinary social sciences perspective** on the study of the life course
  - Demographers, Social and Applied Statisticians, Sociologists, Epidemiologists
- **Topics in socio-demographic research**
  - **First period:** Demographic analysis; Population history; Contemporary fertility and family demography; Migration
  - **Second period:** Education & Inequality over the Life Course; Ageing & Intergenerational Relations; Health over the Life Course; New Challenges in Population Studies
- **Methods for socio-demographic research**
  - Generalized linear model; Longitudinal & Multilevel research designs; Quantile, M-quantile & Expectile regression; Case studies and Qualitative analysis; Data collection & Survey methodology; Statistical methods for complex data

# DIN - Life Course Research



- Lessons **in presence in Florence** between November and May
- Teaching schedule organized in **weekly courses** from Monday to Thursday
  - **Usually, no lessons in the afternoon**
  - **Usually, no lessons on Friday**
- **1<sup>st</sup> month of introductory/preparatory courses**
- In the following weeks, alternation of substantive and methodological courses
  - Constant **overlap between theory – statistics – applications** in both substantive and methodological courses

# DIN - Life Course Research



## Evaluations – substantive courses

- **2 essays**, one after the 1<sup>st</sup> period and one after the 2<sup>nd</sup> period
  - 1<sup>st</sup> essay will cover **one** of the following topics: **population history, fertility, family demography, migration**
  - 2<sup>nd</sup> essay will cover **one** of the following topics: **education & inequalities, ageing & intergenerational relations, health, new challenges for population studies**
- Students can choose the topics of their essays based on the object of their Theses and their research interests

# DIN - Life Course Research



## Evaluations – methodological courses

- **1 assignment** regarding data analysis that students should deliver after the teaching week
- The final assignment can be integrated with daily exercises/homework without grading

# DIN - Life Course Research



## Introductory/Preparatory courses (November)

Week	Period	Course	Reference
1	1-3/11/2023	<b>WELCOME DAY</b>	
2	13-16/11/2023	Fundamentals of Demography	De Santis
3	20-23/11/2023	Introduction to empirical analysis of socio-demographic phenomena	Guetto
4	27-30/11/2023	Discussion of students' research project ideas	Guetto-Vignoli

## 1<sup>st</sup> period courses (December-February)

Week	Period	Course	Reference
5	4-7/12/2023	Population history	Barbiera-Dalla Zuanna
6	11-14/12/2023	Event History Analysis	Guetto-Vignoli
7	18-21/12/2023	Contemporary Fertility	Vignoli
<i>Holiday break</i>			
8	8-11/1/2024	Panel data analysis	Cutuli-Grotti
9	15-18/1/2024	Family Demography	Pirani
10	22-25/1/2024	Multilevel models	Grilli-Rampichini
11	29/1-1/2/2024	Formal Demography & Mortality	Salinari
12	5-8/2/2024	Migration-I	Impicciatore
13	12-15/2/2024	Case studies and qualitative analysis	Burroni-Tonarelli
14	19-22/2/2024	Migration-II	Gabrielli

# DIN - Life Course Research



## Intermediate evaluation (February-March)

- **Week 15** (26-29/2/2024): Students' project presentation & discussion
- Delivery of the **first essay** to the Ph.D. Board (by Monday 11/3/2024)



## 2<sup>nd</sup> period courses (March-May)

Week	Period	Course	Reference
16	11-14/3/2024	Aging & intergenerational relations	Tomassini
17	18-21/3/2024	<b>WS - META-ANALYSIS</b>	Baccini
18	25-28/3/2024	Health over the life course	Seghieri
19	8-11/4/2024	Survey methodology	De Cantis
20	15-18/4/2024	Education, ineq. & life course (I)	Porcu
21	22-24/4/2024	Quantile, M-quantile and Expectile regression	Salvati
22	6-9/5/2024	Education, ineq. & life course (II)	Guetto-Pronzato
23	13-16/5/2024	Survival analysis (advanced)	Attanasio
24	20-23/5/2024	New challenges in pop. studies	Barban-Muttarak
25	27-30/5/2024	Statistical methods for complex data	Vitale

# DIN - Life Course Research



## Summer Schools & End of year evaluation (June-July)

- **Week 26** (3-7/6/2024): Summer School on **Causal Inference** (Mealli-Mattei)
- Delivery of the **second essay** to the Ph.D. Board (by Monday 24/6/2024)
- **Week 27** (24-28/6/2024): Summer School on **Academic Writing** (Cavrini)
- **Week 28** (1-4/7/2024): Students' presentation of **first results/research progress**  
→ **Trans-curricular event**

# DIN - Life Course Research



Weekly schedule for the 1<sup>st</sup> year (all curricula)

<https://www.phd-lcr.com/teaching-schedule/>

Syllabi of the courses (all curricula) → ***IN PROGRESS***

<https://www.phd-lcr.com/courses-2023-2024/>



*Thank you for your attention,  
we look forward to working with you...in presence!*

raffaele.guetto@unifi.it

