

Summer School (2024): Development Economics

Syllabus

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This course is aimed at postgraduate students who have an interest in conducting academic research in development economics as part of their PhD. It consists of five lectures and five seminars taught between September 9-13, 2024.

Day 1: Economic Growth and Structural Transformation

- Part 1.1: Economic growth (Lewis, 1954; Solow, 1956; Lucas, 1988; Caselli, 2005)
- Part 1.2: Structural transformation (Caselli & Coleman II, 2001; Herrendorf et al., 2014)
- Part 1.3: Productivity gaps (Restuccia et al., 2008; Young, 2013; Gollin et al., 2014; Hamory et al., 2021; Dinkelman & Ngai, 2022; Ngai et al., 2022)

Day 2: Poverty Traps and Policy Scale-Up

- Part 2.1: Poverty traps and non-convexities (Bandiera et al., 2017; Balboni, Bandiera et al., 2021; Banerjee et al., 2021).
- Part 2.2: Scaling up treatments (Bryan et al., 2014; Akram et al., 2018; Lagakos et al., *forth.* Meghir et al., 2022; Mobarak, 2022; Bergquist et al., 2022; Bassi et al., 2021; Egger et al., 2022).

Day 3: Infrastructure and Spatial Development

- Part 3.1: The ‘Big Push’, increasing returns to scale and multiple equilibria (Rosenstein-Rodan, 1943; Nurkse, 1953; Hirschman, 1958; Murphy et al., 1989; Krugman, 1991b, 1991a, 1995).
- Part 3.2: Infrastructure and potential complementarities: the provision of education, health, transport, water and energy. (Duflo, 2001; Galiani et al., 2005; Duflo & Pande, 2007; Faber, 2014; Donaldson, 2018; Asher & Novosad, 2019; Khanna, 2022; Ashraf et al., 2021; Hsiao, 2023).

- Part 3.3: Market integration (Atkin & Donaldson, 2015; Brooks & Donovan, 2020), spatial equilibrium (Gollin et al., 2017) and spatial development (Michaels et al., 2012; Eckert & Peters, 2018; Moneke, 2020).

Day 4: Energy Access and Electrification Puzzle

- Part 4.1: Energy and economic growth (Lipscomb et al., 2013; Fried & Lagakos, 2017; Lee et al., 2020; Ratledge et al., 2021).
- Part 4.2: Causal evidence on electrification (Dinkelman, 2011; Lee et al., 2014; Lee et al., 2016; Burlig & Preonas, 2016; Kassem, 2018; Burgess et al., 2020; Allcott et al., 2016).
- Part 4.3: Heterogeneous effects of electrification (Moneke, 2020; Kassem et al., 2022; Figueiredo Walter & Moneke, 2023).

Day 5: Climate Change, Environment and Development

- Part 5.1: Climate change insights for economists (Weitzman, 2009; Dietz, van der Ploeg et al., 2021; Wagner et al., 2021; Dietz, Rising et al., 2021; Moscona & Sastry, 2021; Carleton et al., 2022)
- Part 5.2: Climate change in low income countries (Burgess et al., 2017; Kocornik-Mina et al., 2020; Balboni, 2019; Somanathan et al., 2021; Deschenes, 2022; Nath, 2022).
- Part 5.3: Deforestation and conservation (Burgess et al., 2012; Hansen et al., 2013; Souza-Rodrigues, 2019; Balboni, Burgess et al., 2021; Harstad, 2022).
- Part 5.4: Biodiversity, ecosystem services and pollution externalities (Jayachandran et al., 2017; Lipscomb & Mobarak, 2017; Lanz et al., 2018; Frank et al., 2021; Han et al., 2021).

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