

Topics in Structural Transformation

SYLLABUS

as of 9 May 2022

1 Course Details

Instructor

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Office hours : by appointment (email)

Schedules and room assignments

- Lectures (LE): Tuesdays, 12:15 - 13:45 at RW5 or virtual
- Tutorials (TU): Tuesdays, 16:15 - 17:45 at RW6 or virtual

Class Implementation and JGU-Mainz's COVID-19 regulations

- For the first half of the semester, lectures and tutorials will be performed virtually. Meanwhile, we will hold lectures and tutorials in-person for the second half of the semester. See Course Outline Section below for details.
- For virtual lectures and tutorial: Please join the BigBlueButton sessions on the Moodle site of the Lectures "Topics in Structural Transformation" and the Moodle site of the Tutorials "Topics in Structural Transformation (Übung)". The recordings for all virtual sessions will be available on Moodle as well.
- We will adhere to the University's regulations throughout the semester. Please follow the University's regulation about presence on campus, as provided here: <https://corona.uni-mainz.de/>.

2 Course Prerequisites

Students should have intermediate levels in microeconomics and macroeconomics.

3 Course Description and Objectives

The goal of the course is to understand basic theories and influential and/or frontier empirical studies on how countries, especially developing economies, experience structural transformation or the lack of such transformation, as they grow. We will explore challenges that countries face in accelerating structural transformation. These challenges are categorized into five big topics:

1. Firms, frictions, and industrial policies
2. Labor and home production
3. Agricultural productivity and sectoral gaps
4. Trade and spatial frictions
5. Political economy and structural transformation

Students will be able to explore problems faced by developing and emerging economies, such as among others: potential sources of resource misallocation due to slow structural transformation, why it is challenging for firms in developing economies to scale up or the missing-middle phenomenon, as well as lessons learned from industrial policies in spurring growth and structural transformation.

4 Course Outline

Date	LE TU	Content	Notes
26 April 2022	LE 1	Introduction and basic theories I	virtual
26 April 2022	TU 1	Introduction and basic theories I	virtual
10 May 2022	LE 2	Basic theories II	virtual
10 May 2022	TU 2	Basic theories II	virtual
17 May 2022	LE 3	Firms, frictions, and industrial policies I	virtual
17 May 2022	TU 3	Firms, frictions, and industrial policies I	virtual
24 May 2022	LE 4	Firms, frictions, and industrial policies II	virtual
24 May 2022	TU 4	Firms, frictions, and industrial policies II	virtual
31 May 2022	LE 5	Labor and home production I	virtual
31 May 2022	TU 5	Labor and home production I	virtual
7 June 2022	LE 6	Labor and home production II	virtual
7 June 2022	TU 6	Labor and home production II	virtual
14 June 2022	LE 7	Agricultural productivity and sectoral gaps I	virtual
14 June 2022	TU 7	Agricultural productivity and sectoral gaps I	virtual
21 June 2022	LE 8	Agricultural productivity and sectoral gaps II	in-person
21 June 2022	TU 8	Agricultural productivity and sectoral gaps II	in-person
28 June 2022	LE 9	Trade and spatial frictions I	in-person
28 June 2022	TU 9	Trade and spatial frictions I	in-person
5 July 2022	LE 10	Trade and spatial frictions II	in-person
5 July 2022	TU 10	Trade and spatial frictions II	in-person
12 July 2022	LE 11	Political economy and structural transformation	in-person
12 July 2022	TU 11	Political economy and structural transformation	in-person

19 July 2022	LE 12	Review	in-person
19 July 2022	TU 12	Q & A	in-person
TBA	Exam	E-exam	virtual

5 Grading

E-exam with a duration of 60 minutes. Successful students will receive 6 ECTS.

6 Class Policy

In general the Academic Conduct of the JGU-Mainz applies. Please see the code of conduct on plagiarism, academic integrity, and copyright in the following [link](#). Lack of knowledge thereof is not a reasonable explanation for violation. Academic honesty is obligatory. Any suspected plagiarism will be taken seriously. Questions related to exams and the Disciplinary Code should be directed to the *Studienbüro*.

Special accommodations

- If you have a disability or other special needs that require accommodation, please let me know within the first week of class or as soon as possible.
- Please feel free to also get support from JGU-Mainz's Service Point for Accessible Studies (*Servicestelle für barrierefreies Studieren*): <https://www.barrierefrei.uni-mainz.de/>.

Additional Notes

- Please engage in the class, ask questions, and listen to others. Be curious and courageous in learning.
- Please feel free to reach out and set up appointments for office hours.
- Our class should be a safe space to learn from each other. Please be respectful towards everyone in the class including in your email communication.

7 Resources

I will post all materials to the class' online folder on LMS Moodle. The following resources may be of your interest.

- access to scholarly journals and articles: JSTOR via the University of Mainz's VPN
- access to statistical and econometric softwares: ZDV's App Store

8 Health and Wellness

If you are facing challenges from your academic life, health or other important parts of your life, please know that JGU-Mainz offers various forms of supports. If you, or anybody you know, could benefit from mental and physical health care, please refer to the following resources.

- Counseling and Psychological Support: <https://www.pbs.uni-mainz.de/beratung/>
- General health: <https://www.studium.uni-mainz.de/gesund-studieren-in-mainz/>

References

- Gollin, D. (2014). The lewis model: A 60-year retrospective. *Journal of Economic Perspectives*, 28(3), 71–88.
- Harris, J. R., & Todaro, M. P. (1970). Migration, unemployment and development: A two-sector analysis. *The American economic review*, 126–142.
- Hsieh, C.-T., & Klenow, P. J. (2009). Misallocation and manufacturing tfp in china and india. *The Quarterly journal of economics*, 124(4), 1403–1448.
- Lewis, W. A. et al. (1954). Economic development with unlimited supplies of labour.
- Ngai, L. R., & Pissarides, C. A. (2007). Structural change in a multisector model of growth. *American economic review*, 97(1), 429–443.
- Rodrik, D. (2016). Premature deindustrialization. *Journal of economic growth*, 21(1), 1–33.