

Syllabus: Advanced Development Economics

PhD/Advanced Master Course (M.WIWI-VWL.0019.Mp)

Winter Semester 2026/2027

01.10.2026 – TBD.10.2026

(as of March 18, 2026)

Teaching faculty

Prof. Dr. Andreas Fuchs
Office: OEC 2.211
Email: afuchs@uni-goettingen.de

Prof. Marcela Ibanez, PhD
Office: Blauer Turm/MZG, 8.134
Email: mibanez@uni-goettingen.de

Prof. Dr. Krisztina Kis-Katos
Office: OEC 2.169
Email: krisztina.kis-katos@uni-goettingen.de

Prof. Dr. Sarah Langlotz
Office: OEC 2.208
Email: sarah.langlotz@uni-goettingen.de

Prof. Lei Li, PhD
Office: KWZ 0.705
Email: lei.li@uni-goettingen.de

Prof. Dr. Holger Strulik
Office: OEC 2.202
Email: holger.strulik@wiwi.uni-goettingen.de

Tutor

Prof. Dr. Sarah Langlotz
Office: OEC 2.208
Email: sarah.langlotz@uni-goettingen.de

1. General Information

1.1 Course overview

This course provides an in-depth analysis of current research on selected critical issues in development economics at the graduate level. The course covers topics on new directions of research in macro-economic and micro-economic aspects of development as well as methodological aspects of econometric analyses and policy evaluations.

Some familiarity with development issues (e.g., Development Economics I, II) as well as background in micro and macro theory and empirical economics is desirable. The course is open to Ph.D. and advanced master students in economics, applied statistics, agricultural economics, and related disciplines.

1.2 Credit points

6 ECTS credit points

1.3 Examination and grading of the module

The grading consists of two components:

- Oral presentations of a research article [2C]
- One essay (3-4 pages) in the form of a referee report on a scientific article that is assigned to the students

In order to earn ECTS credits, you must present and discuss research articles in the tutorial (selected from the literature under the tutorials section) and write two essays.

- **Presentations.** Students have to present one paper and discuss two papers presented by their peers. Each presentation should be approx. 20 minutes. The grade of the presentation will be based on the presentation of
 - context and background
 - data
 - methodology
 - implications and conclusions
 - referee report-style discussion of the paper
 - your own thoughts about the paper.

Students need to send their presentation to Sarah Langlotz and their assigned discussants at least 48h before the presentation time. You will have to upload the presentation to Stud.IP after the tutorial session in which you presented.

- **Essay.** Each student is randomly assigned a paper in the form of a take-home exam and must write a referee report on it. The report must be presented during an oral exam on the same day. The exam will take place on October 30, 2026, from 8 am to 6 pm.

1.5 Registration

Please select three papers for possible presentations from the tutorial list (separate document on Stud.IP: Files/Tutorial) and state your ordered preferences by email to sarah.langlotz@uni-goettingen.de by **September 24, 2026 (23:59)**. We will then assign 1 paper for your presentation, which we will announce by September 28, 2026.

Please register for the course on Stud.IP (<https://www.studip.uni-goettingen.de/>) so that you receive all pertinent information in due time (e.g., registration, virtual meetings). If you are not a

student at the University of Göttingen and do not have access to Stud.IP, please email studip@uni-goettingen.de, and let them know that:

You are a guest student for the course Advanced Development Economics (course number: 800968) and will require access to Stud.IP from September to November 2026. If they require permission from the course instructor, please forward the email to sarah.langlotz@uni-goettingen.de.

Students of the University of Göttingen need to register for the exam via FlexNow. All other students need to register for the exam by sending an e-mail to sarah.langlotz@uni-goettingen.de.

2. Course overview

2.1 Description of the teaching and learning methods

The lecture is supplemented by self-study based on provided materials and literature. The accompanying tutorial (*Übung*) complements the lecture content. The course is split in lectures and tutorials. **The course language is English.**

2.2 Meetings

Please register for the course on Stud.IP so that you receive all pertinent information on possible changes in due time.

Date	Time	Location	Type	Lecturer	Topic
Mon Sep 21	14:00-16:00 c.t.	Zoom	Tutorial	Langlotz	Obligatory introductory class
Mon Sep 24	-23:59				Submission of paper preferences (see Section 1.5)
Thu Oct 1	10:00-12:00 c.t.	Zoom	Lecture	Kis-Katos	1 Measuring Development
Mon Oct 5	12:00-14:00 c.t.	TBD	Lecture	Kis-Katos	2 International Migration and Development
	14:00-16:00 c.t.	TBD	Lecture	Li	3 Trade, Environment and Development
	16:00-18:00 c.t.	TBD	Lecture	Langlotz	4 Media and Political Outcomes
Tue Oct 6	10:00-12:00 c.t.	TBD	Lecture	Langlotz	5 Conflict and Development
	14:00-16:00 c.t.	TBD	Tutorial	Langlotz	
	16:00-18:00 c.t.	TBD	Lecture	Ibanez	6 Behavioral Development Economics
Wed Oct 7	10:00-12:00 c.t.	TBD	Lecture	Ibanez	7 The Psychology of Poverty
	14:00-16:00 c.t.	TBD	Lecture	Fuchs	8 Politics of Development Aid
	16:00-18:00 c.t.	TBD	Lecture	Fuchs	9 Effects of Development Aid
	20:00-21:30	TBD			Fireside chat
Thu Oct 8	10:00-12:00 c.t.	TBD	Lecture	Li	10 Chinese Economy
	14:00-16:00 c.t.	TBD	Tutorial	Langlotz	
	16:00-18:00 c.t.	TBD	Lecture	Strulik	11 Modern vs. Pre-Modern Growth
Fri Oct 9	10:00-12:00 c.t.	TBD	Lecture	Strulik	12 The Demographic Transition and the History Augmented Solow Model
	14:00-16:00 c.t.	TBD	Lecture	Strulik	13 The Past and Future of Knowledge-Based Growth
Sat Oct 10	09:00-17:00 c.t.	TBD	Tutorial	Langlotz	
Oct 30	08:00-18:00 s.t.	Zoom	Take-Home Exam	Langlotz	Referee Report

3. Literature (PRELIMINARY)

3.1 General readings (not required, but recommended)

- § Ray, D. 1998. *Development Economics*. Princeton: Princeton University Press.
- § Basu, K. 1997. *Analytical Development Economics*. Cambridge: MIT Press.
- § Bardhan, P., and C. Udry. 1999. *Development Microeconomics*. Oxford: Oxford University Press.
- § Banerjee, A., and E. Duflo. 2011. *Poor Economics: A Radical Rethinking of the Way to Fight Global Poverty*. New York City: PublicAffairs.
- Kremer, M., G. Rao, and F. Schilbach. 2019. *Behavioral Development Economics. Handbook of Behavioral Economics, 2nd edition*. Elsevier.

(§ = Books available in the SUB and/or WISO-BIB)

3.2 Readings per lecture and corresponding tutorial

We expect you to read the key readings highlighted with an asterisk (*) before the respective lecture. This will allow us to engage in a vivid discussion about each paper's merits and limitations.

Please note that the literature will be updated.

1. Measuring Development (Kis-Katos)

Lecture

- * Burke, M., A. Driscoll, D.B. Lobell, and S. Ermon. 2021. Using Satellite Imagery to Understand and Promote Sustainable Development. *Science* 371 (6535).

Additional material

- Aiken, E., S. Bellue, D. Karlan, C.R. Udry, and J. Blumenstock. 2022. Machine Learning and Mobile Phone Data Can Improve the Targeting of Humanitarian Assistance. *Nature*, 603: 864-870.
- Chi, G., H. Fang, S. Chatterjee, and J.E. Blumenstock. 2021. Micro-Estimates of Wealth for all Low- and Middle-Income Countries. *Proceedings of the National Academy of Sciences*, 119(3) e2113658119.
- Huang, L.Y., S.M. Hsiang, and M. Gonzalez-Navarro. 2021. Using Satellite Imagery and Deep Learning to Evaluate the Impact of Anti-Poverty Programs. *NBER Working Paper Series* 29070. National Bureau of Economic Research, Cambridge, Mass.
- Ratledge, N., G. Cadamuro, B. de la Cuesta, M. Stigler and M. Burke. 2022. Using Machine Learning to Assess the Livelihood Impact of Electricity Access. *Nature* 611: 491–495.
- Sherman, L., J. Proctor, H. Druckenmiller, H. Tapia, and S.M. Hsiang. 2023. Global High-Resolution Estimates of the United Nations Human Development Index Using Satellite Imagery and Machine-learning, *NBER Working Paper* No. 31044, National Bureau of Economic Research, Cambridge, Mass.
- Wölk, F., Yuan, T., Kis-Katos, K. and F. Xiaoming. 2023. A temporal-spatial analysis on the socioeconomic development of rural villages in Thailand and Vietnam based on satellite image data, *Computer Communications*, <https://doi.org/10.1016/j.comcom.2023.02.017>.

2. International Migration and Development (Kis-Katos)

Lecture

* Becker, S.O., I. Grosfeld, P. Grosjean, N. Voigtländer, and E. Zhuravskaya. 2020. Forced Migration and Human Capital: Evidence from Post-WWII Population Transfers. *American Economic Review* 110 (5), 1430-1463.

Additional material

Abramitzky, R., T. Baseler, and I. Sin. 2024. Persecution and Migrant Self-Selection: Evidence from the Collapse of the Communist Bloc. *Review of Economics and Statistics*, fth.

Bazzi, S., L.A. Cameron, S.G. Schaner, and Witoelar, F. 2021. Information, Intermediaries, and International Migration. IZA DP No. 14945, IZA Institute of Labor Economics. Bonn.

Cha'Ngom, N., C. Deuster, F. Docquier, J. Machado. 2023. Selective Migration and Economic Development: A Generalized Approach. IZA DP No. 16222, IZA Institute of Labor Economics. Bonn.

Escamilla-Guerrero, D., E. Kosack, and Z. Ward. 2023. The Impact of Violence during the Mexican Revolution on Migration to the United States. *NBER Working Paper* No. 31531, National Bureau of Economic Research, Cambridge, Mass.

Gazeaud, J., E. Mvukiyehe, and O. Sterck. 2023. Cash Transfers and Migration: Theory and Evidence from a Randomized Controlled Trial. *Review of Economics and Statistics*: 105 (1): 143–157.

3. Trade, Environment and Development (Li)

Lecture

* Du X, Li L, Zou E. Trade, Trees, and Lives. National Bureau of Economic Research; 2024 Nov 11.

Additional material

Bombardini M. and B. Li. 2020. Trade, pollution and mortality in China. *Journal of International Economics*.

Greenstone, Michael, Guojun He, Ruixue Jia, and Tong Liu. "Can Technology Solve the Principal-Agent Problem? Evidence from China's War on Air Pollution," *American Economic Review: Insights*, 2022, 4(1): 54-70.

He, Guojun, Shaoda Wang and Bing Zhang. "Watering Down Environmental Regulation in China," *Quarterly Journal of Economics*, 2020, 135(4): 2135-2185.

4. Media and Political Outcomes (Langlotz)

Lecture

* Guriev, S., N. Melnikov, and E. Zhuravskaya. 2020. 3G Internet and Confidence in Government. *The Quarterly Journal of Economics* 136 (4): 2533-2613. doi: 10.1093/qje/qjaa040.

Additional material

Durante, R., P. Pinotti, and A. Tesei. 2019. The Political Legacy of Entertainment TV. *American Economic Review* 109 (7): 2497–2530.

Gerber, A., Karlan. D., Bergan, D. 2009. Does the Media Matter? A Field Experiment measuring the Effect of Newspapers on Voting Behavior and Political Opinions. *American Economic Journal: Applied Economics* 1 (2), 35–52.

Müller, K. and C. Schwarz. 2021. Fanning the Flames of Hate: Social Media and Hate Crime, *Journal of the European Economic Association*, Volume 19, Issue 4, August 2021, Pages 2131–2167, <https://doi.org/10.1093/jeea/jvaa045>.

5. Conflict and Development (Langlotz)

Lecture

* Berman, N., and M. Couttenier. 2015. External Shocks, Internal Shots: The Geography of Civil Conflicts. *Review of Economics and Statistics* 97 (4): 758–776.

Additional material

Blair, G., D. Christensen, and A. Rudkin. 2021. Do Commodity Price Shocks Cause Armed Conflict? A Meta-Analysis of Natural Experiments. *American Political Science Review* 115 (1): 1-8.

Dell, M., and P. Querubin. 2018. Nation Building Through Foreign Intervention: Evidence from Discontinuities in Military Strategies. *The Quarterly Journal of Economics* 133 (2): 701-764.

6. Behavioral Development Economics (Ibanez)

Lecture

* Kremer, M., Rao, G. and Schilbach, F., 2019. Behavioral development economics. In *Handbook of Behavioral Economics: Applications and Foundations 1* (Vol. 2, pp. 345-458). North-Holland.

Casaburi, L., & Willis, J. (2018). Time versus state in insurance: Experimental evidence from contract farming in Kenya. *American Economic Review*, 108(12), 3778-3813.

Do Hwang, I. (2021). Prospect theory and insurance demand: Empirical evidence on the role of loss aversion. *Journal of Behavioral and Experimental Economics*, 95, 101764.

Additional material

OECD. 2011. *Behavioural Insights and Public Policy: Lessons from Around the World*, OECD Publishing, Paris.

UNDP. Behavioral Insights at the United Nations – Achieving Agenda 2030. UNDP, <http://www.undp.org/content/undp/en/home/librarypage/development-impact/behavioural-insights-at-the-united-nations--achieving-agenda-203.html>.

7. The Psychology of Poverty (Ibanez)

Lecture

* Genicot, G., & Ray, D. (2020). Aspirations and economic behavior. *Annual Review of Economics*, 12(1), 715-746.

Dalton, P. S., Ghosal, S., & Mani, A. (2016). Poverty and aspirations failure. *The Economic Journal*, 126(590), 165-188.

Genicot, G., & Ray, D. (2017). Aspirations and inequality. *Econometrica*, 85(2), 489-519.

Additional material

Bessone, P., Rao, G., Schilbach, F., Schofield, H. and Toma, M., 2020. The Economic Consequences of Increasing Sleep Among the Urban Poor (No. w26746). National Bureau of Economic Research.

Mullainathan, S. and Shafir, E., 2013. *Scarcity: Why having too little means so much*. Macmillan.

World Bank. 2015. *World Development Report 2015: Mind, Society, and Behavior*. Washington, DC: World Bank. doi: 10.1596/978-1-4648-0342-0. (Chapter 4 and 5)

8. Politics of Development Aid (Fuchs)

Lecture

* Budjan, A.J., and A. Fuchs. 2021. Democracy and Aid Donorship. *American Economic Journal: Economic Policy* 13 (4): 217-238.

Additional material

Alesina, A., and D. Dollar. 2000. Who Gives Foreign Aid to Whom and Why? *Journal of Economic Growth* 5 (1): 33-63.

Doucouliafos, H. 2019. The Politics of International Aid. In *The Oxford Handbook of Public Choice* Volume 2 edited by R.D. Congleton, B. Grofman, and S. Voigt. New York, NY: Oxford University Press.

9. Effects of Development Aid (Fuchs)

Lecture

* Galiani, S., S. Knack, L.C. Xu, and B. Zou. 2017. The Effect of Aid on Growth: Evidence from a Quasi-Experiment. *Journal of Economic Growth* 22: 1-33.

Additional material

Burnside, C. and D. Dollar. 2000. Aid, Policies, and Growth. *American Economic Review* 90 (4): 847-868.

Doucouliafos, H. and M. Paldam. 2009. The Aid Effectiveness Literature: The Sad Results of 40 Years of Research. *Journal of Economic Surveys* 23 (3): 433-461.

Easterly, W. 2003. Can Foreign Aid Buy Growth? *Journal of Economic Perspectives* 17 (3): 23-48.

10. Chine Economy (Li)

Lecture

* Ju, J., 2026. How Do Great Powers Compete?. In *US-China Great Power Competition and The New World Order* (pp. 37-59). Singapore: Springer Nature Singapore.

Additional material

Lin, Justin Yifu. 1990. Collectivization and China's agricultural crisis in 1959-1961. *Journal of Political Economy* 98(6): 1228-1252.

Lin, Justin Yifu. 1992. Rural reforms and agricultural growth in China. *The American Economic Review*, 34-51.

Lin, Justin Yifu, Fang Cai, and Zhou Li. 2003. *The China miracle: development strategy and economic reform*. Chinese University Press.

Wu, Jinglian. 2005. *Understanding and interpreting Chinese economic reform*. Texere.

11. Modern vs. Pre-Modern Growth (Strulik)

Lecture

* Mankiw, N.G., D. Romer, and D.N. Weil. 1992. A Contribution to the Empirics of Economic Growth. *Quarterly Journal of Economics* 107: 407-437.

Ashraf, Q., and O. Galor. 2011. Dynamics and Stagnation in the Malthusian Epoch. *American Economic Review* 101 (5): 2003-2041.

Kremer, M. 1993. Population Growth and Technological Change: One Million BC to 1990. *Quarterly Journal of Economics* 108 (3): 681-716.

12. The Demographic Transition and History Augmented Solow Model (Strulik)

Lecture

- * Dalgaard, C. J., and H. Strulik. 2013. The History Augmented Solow Model. *European Economic Review* 63: 134-149.
- Lee, R. 2003. The Demographic Transition: Three Centuries of Fundamental Change. *The Journal of Economic Perspectives* 17 (4): 167-190.
- Madsen, J. B., and H. Strulik. 2022. Testing Unified Growth Theory: Technological Progress and the Child Quantity–Quality Trade-Off. *Quantitative Economics*, forthcoming, <https://qeconomics.org/ojs/forth/1751/1751-3.pdf>
- Reher, D. S. 2004. The Demographic Transition Revisited as a Global Process. *Population, Space and Place* 10 (1): 19-41.

13. The Past and Future of Knowledge-Based Growth (Strulik)

Lecture

- * Strulik, H., K. Prettnner, and A. Prskawetz. 2013. The Past and Future of Knowledge-Based Growth. *Journal of Economic Growth* 18 (4): 411-437.