

## **Syllabus: Advanced Development Economics**

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

**Winter Semester 2026/2027**

**01.10.2026 – 10.10.2026**

(as of September 10, 2026)

### **Teaching faculty**

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## **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 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](mailto: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](mailto: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](mailto: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](mailto: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<br>Sep 21 | 14:00-16:00 c.t. | Zoom        | Tutorial       | Langlotz | Obligatory introductory class                                       |
| Mon<br>Sep 24 | -23:59           |             |                |          | Submission of paper preferences (see Section 1.5)                   |
| Thu<br>Oct 1  | 10:00-12:00 c.t. | Zoom        | Lecture        | Durizzo  | 1 Measuring Development                                             |
| Mon<br>Oct 5  | 12:00-14:00 c.t. | VG 0.110    | Lecture        | Durizzo  | 2 Social Protection                                                 |
|               | 14:00-16:00 c.t. | VG 0.110    | Lecture        | Li       | 3 Trade, Environment and Development                                |
|               | 16:00-18:00 c.t. | VG 0.110    | Lecture        | Li       | 4 Chinese Economy                                                   |
| Tue<br>Oct 6  | 10:00-12:00 c.t. | VG 0.110    | Lecture        | Langlotz | 5 International Migration and Development                           |
|               | 14:00-16:00 c.t. | Theo -1.110 | Tutorial       | Langlotz |                                                                     |
|               | 16:00-18:00 c.t. | VG 0.110    | Lecture        | Ibanez   | 6 Behavioral Development Economics                                  |
| Wed<br>Oct 7  | 10:00-12:00 c.t. | VG 0.110    | Lecture        | Ibanez   | 7 The Psychology of Poverty                                         |
|               | 14:00-16:00 c.t. | VG 2.101    | Lecture        | Fuchs    | 8 Politics of Development Aid                                       |
|               | 16:00-18:00 c.t. | VG 1.110    | Lecture        | Fuchs    | 9 Effects of Development Aid                                        |
|               | 20:00-21:30      | VG 0.110    |                |          | Fireside chat                                                       |
| Thu<br>Oct 8  | 10:00-12:00 c.t. | VG 0.101    | Lecture        | Langlotz | 10 Conflict and Development                                         |
|               | 14:00-16:00 c.t. | VG 2.101    | Tutorial       | Langlotz |                                                                     |
|               | 16:00-18:00 c.t. | VG 0.110    | Lecture        | Strulik  | 11 Modern vs. Pre-Modern Growth                                     |
| Fri<br>Oct 9  | 10:00-12:00 c.t. | VG 2.101    | Lecture        | Strulik  | 12 The Demographic Transition and the History Augmented Solow Model |
|               | 14:00-16:00 c.t. | VG 0.110    | Lecture        | Strulik  | 13 The Past and Future of Knowledge-Based Growth                    |
| Sat<br>Oct 10 | 09:00-17:00 c.t. | VG 0.110    | 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)

- <sup>§</sup> Ray, D. 1998. *Development Economics*. Princeton: Princeton University Press.  
<sup>§</sup> Basu, K. 1997. *Analytical Development Economics*. Cambridge: MIT Press.  
<sup>§</sup> Bardhan, P., and C. Udry. 1999. *Development Microeconomics*. Oxford: Oxford University Press.  
<sup>§</sup> 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, 2<sup>nd</sup> edition*. Elsevier.

(<sup>§</sup> = 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 may be updated until early September.

#### 1. Measuring Development (Durizzo)

- \* Burke, M., A. Driscoll, D.B. Lobell, and S. Ermon. 2021. Using Satellite Imagery to Understand and Promote Sustainable Development. *Science*, 371 (6535).  
<https://doi.org/10.1126/science.abe8628>  
 Sherman, L., J. Proctor, H. Druckenmiller, H. Tapia, and S.M. Hsiang. 2026. Global High-Resolution Estimates of the United Nations Human Development Index Using Satellite Imagery and Machine Learning. *Nature Communications*, 17:1315.  
<https://doi.org/10.1038/s41467-026-68805-6>  
 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*, 203: 146-162.  
<https://doi.org/10.1016/j.comcom.2023.02.017>  
 Rambachan, A., R. Singh, and D. Viviano. 2026. Program Evaluation with Remotely Sensed Outcomes. *Working Paper*, arXiv:2411.10959. <https://arxiv.org/pdf/2411.10959>

#### 2. Social Protection (Durizzo)

- \* Banerjee, A., A. Finkelstein, R. Hanna, B.A. Olken, A. Ornaghi, and S. Sumarto. 2021. The Challenge of Universal Health Insurance in Developing Countries: Experimental Evidence from Indonesia's National Health Insurance. *American Economic Review*, 111(9): 3035–3063.  
<https://doi.org/10.1257/10.1257/aer.20200523>  
 Durizzo, K., E. Asiedu, and I. Günther. 2025. Reducing Petty Corruption in Healthcare with Insurance Literacy: Experimental Evidence from Ghana. *Working Paper*. Available at SSRN:  
[https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=5819882](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=5819882)  
 Premand, P., and D. Rohner. 2024. Cash and Conflict: Large-Scale Experimental Evidence from Niger. *American Economic Review: Insights*, 6(1): 137–153. <https://doi.org/10.1257/aeri.20230069>

Egger, D., J. Haushofer, E. Miguel, P. Niehaus, and M. Walker. 2022. General Equilibrium Effects of Cash Transfers: Experimental Evidence from Kenya. *Econometrica*, 90(6): 2603–2643. <https://doi.org/10.3982/ECTA17945>

### **3. Trade, Environment and Development (Li)**

- \* Du X, Li L, Zou E. Trade, Trees, and Lives. National Bureau of Economic Research; 2024 Nov 11.
- Bombardini M. and B. Li. 2020. Trade, pollution and mortality in China. *Journal of International Economics*.
- Du, Xinming, and Li, Lei, 2026. When Growth Stumbles, Pollute? Trade War, Environmental Enforcement, and Pollution
- He, Guojun, Shaoda Wang and Bing Zhang. “Watering Down Environmental Regulation in China,” *Quarterly Journal of Economics*, 2020, 135(4): 2135-2185.
- Li, L., Liu Z., Wu B. 2026. From Tariffs to Trees: The Hidden Environmental Costs of Trade War

### **4. Chine Economy (Li)**

- \* Lin, Justin Yifu, Fang Cai, and Zhou Li. 2003. The China miracle: development strategy and economic reform. Chinese University Press.
- Autor, D.H., Dorn, D. and Hanson, G.H., 2013. The China syndrome: Local labor market effects of import competition in the United States. *American Economic Review*, 103(6), pp.2121-2168.
- 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.
- Lin, Justin Yifu. 1992. Rural reforms and agricultural growth in China. *The American Economic Review*, 34-51.
- Long, Cheryl, and Xiaobo Zhang. 2011. “Cluster-based industrialization in China: Financing and performance.” *Journal of International Economics*.

### **5. International Migration and Development (Langlotz)**

- \* Bazzi, S., Cameron, L., Schaner, S., & Witoelar, F. (2026). Information, intermediaries, and international migration. *Journal of the European Economic Association*, jvag024.
- Batista, Catia, et al. (2025) Brain drain or brain gain? Effects of high-skilled international emigration on origin countries. *Science* 388.6749: eadr8861.
- Cha'Ngom, N., Deuster, C., Docquier, F., & Machado, J. (2025). Selective migration and economic development: A generalized approach. *International Economic Review*, 66(4), 1713-1732.
- Escamilla-Guerrero, D., Kosack, E., & Ward, Z. (2025). The impact of violence on the dynamics of migration: Evidence from the Mexican Revolution. *Journal of Development Economics*, 176, 103515.

### **6. Behavioral Development Economics (Ibanez)**

- \* 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.

## **7. The Psychology of Poverty (Ibanez)**

- \* 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.

## **8. Politics of Development Aid (Fuchs)**

- \* Budjan, A.J., and A. Fuchs. 2021. Democracy and Aid Donorship. *American Economic Journal: Economic Policy* 13 (4): 217-238.
- Alesina, A., and D. Dollar. 2000. Who Gives Foreign Aid to Whom and Why? *Journal of Economic Growth* 5 (1): 33-63.
- Doucoulagos, 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)**

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

- \* Gehring, K., Langlotz, S., & Kienberger, S. (2025). Stimulant or depressant? Resource-related income shocks and conflict. *Review of Economics and Statistics*, 107(6), 1518-1536.
- Berman, N., and M. Couttenier. 2015. External Shocks, Internal Shots: The Geography of Civil Conflicts. *Review of Economics and Statistics* 97 (4): 758–776.
- 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.

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

- \* 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)**

- \* 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)**

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