

Georg-August-Universität Göttingen		6 C 4 WLH
Module M.WIWI-VWL.0135: Advanced Economic Growth		
Learning outcome, core skills: After a successful participation, students have a deeper understanding of the mechanisms that lead to long-run economic growth and development. They familiarize themselves with standard growth models and learn about the driving forces of modern economic growth like capital accumulation, human capital and technology.		Workload: Attendance time: 56 h Self-study time: 124 h
Course: M.WIWI-VWL.0135.Lec Advanced Economic Growth (Lecture) <i>Contents:</i> 1) Refreshing the Solow growth model and the Diamond-OLG model 2) Neoclassical Growth (Ramsey-Cass-Koopmans model) 3) Overlapping Generations in Continuous Time 4) Human Capital and Economic Growth 5) Endogenous Growth with Expanding Varieties 6) The Scale Effect and Semi-endogenous Growth 7) Creative Destruction 8) Technology Diffusion 9) Economic Growth in the Very Long Run		2 WLH
Course: M.WIWI-VWL.0135.Tut Advanced Economic Growth (Tutorial) <i>Contents:</i> In the accompanying tutorials, students should discuss and solve problem sets to deepen and broaden their knowledge of the topics covered in the lectures.		2 WLH
Examination: Oral examination (20 minutes) or written examination (90 minutes) M.WIWI-VWL.0135.Mp: Advanced Economic Growth		6 C
Examination requirements: Demonstrate: <ul style="list-style-type: none"> • a profound knowledge of the causes and consequences of long-run economic development • a deep understanding of standard models of economic growth • the ability to solve problems in a verbal, graphical and analytical manner 		
Admission requirements: none	Recommended previous knowledge: Macroeconomics, Mathematics for Economists, Economic Growth, Econometrics as taught in the Bachelor courses	
Language: English	Person responsible for module: Dr. Katharina Werner	
Course frequency: irregular	Duration: 1 semester[s]	

Number of repeat examinations permitted: twice	Recommended semester: 1 - 4
Maximum number of students: not limited	