



Courses taught in English at the Faculty of Economic Sciences

Module No.: M.WIWI-VWL.0120 Title: Dynamic Macroeconomics	Credits: 6 ECTS
Course Content: This course's aim is to introduce students to the recent literature on business cycle theory and econometrics. The course focuses on basic techniques for constructing, solving and estimating (linearized) Dynamic Stochastic General Equilibrium (DSGE) models, like e.g. the Kalman filter and Bayesian estimation. Topics include, but are not limited to, the following: i) Solving Rational Expectations (RE) models (e.g. Perturbation methods); ii) Identification of linearized DSGE models; iii) Kalman filtering theory and ML estimation of linearized DSGE models.	Course Type: Lecture (2 WLH)

Recommended Prerequisites: Mathematics and Statistics, Basic Macroeconomics	Exam: Written examination (90 minutes)
Recommended Semester: 3-4	Cycle: Every summer semester
Literature: To be introduced during lectures.	Lecturer: J-Prof. Dr. Marco Maria Sorge