

Green Greenwich:

Showcasing our University of Greenwich Community

Meet Dr Alexander Guschanski: Nurturing Sustainability Insights in Economics Education



ABOUT

Dr. Alexander Guschanski, School of Accounting, Finance, and Economics, is integrating sustainability into economics education. His innovative approaches in two key modules, Macroeconomics III (ECON1183) and Statistics for Economics and Finance (ECON1176), demonstrate a commitment to preparing students for a future where economic decisions are intrinsically linked to pressing global challenges.

WORK

In Macroeconomics III, students delve into macroeconomic models of economic growth. The first half introduces basic models, while the second half empowers students to critique these models. Dr. Guschanski guides students through a nuanced critique, emphasising the models' oversight of environmental change and economic damages, as well as their neglect of rising income inequality and its macroeconomic implications. Students emerge with the ability to adapt standard models to account for climate change and explore alternative models addressing income inequality's impact on economic growth

The Statistics for Economics and Finance module equips students with foundational statistical concepts and tools, emphasising real-world applications tied to sustainability. Examples include tasks such as downloading temperature data from NASA to correlate with greenhouse gas emissions, fostering a hands-on understanding of climate change. Similarly, students engage with data on income and wealth inequality, deepening their comprehension of these critical issues. The practical application of statistics to topics students care deeply about enhances their learning experience.

SDGs

8 DECENT WORK AND
ECONOMIC GROWTH



10 REDUCED
INEQUALITIES



13 CLIMATE
ACTION



15 LIFE
ON LAND

