Course Description – Winter 2024/2025

Title	Mathematics
Faculty	Business and Economics
Professor	Dr. Tobias Simon
ECTS	5
Level	Bachelor
Requirements	-
Add. Information	Students have to take a comprehensive written in-class examination.
Content	This lecture focuses on the mathematical basics that are required for economic questions. The contents are in detail: Equations and inequalities (both algebraic equations and solvable transcendental equations such as exponential and logarithmic equations), systems of linear equations and methods for their solution, differential calculus including discussion of a function, extreme value calculation both for functions in one variable and for functions in several variables with and without constraints.