Investment and Finance. An Introduction

- **Module content**

  This module provides an overview of neoclassical investment and financing theory. The students will be familiarized with the basics of finance, including both tax aspects and risk considerations.

  Structure:

  Part 1: Investment calculation
  - a. Financial Mathematics: calculation of compound interest and annuities
  - b. Investments under certainty
  - c. Investments taking into account taxes
  - d. Investments under uncertainty

  Part 2: Financing
  - a. Forms of financing
  - b. Capital structure policy (equity versus debt financing)
  - c. Dividend policy (external versus internal financing)

- **Competence description**

  After completing the course „Investments and Finance: An Introduction", the students will be able to

  (i)   understand the fundamentals in financial mathematics;
  (ii) solve investments decisions by means of dynamic approaches, in particular via capital plans and present values;
  (iii) systematize forms of financing and evaluate their application.

Sommer 2021