

## **Topic: Mutual fund performance evaluation and Sustainable investing**

**Visiting Prof. Si Zhou (Univ. of Science and Technology – Beijing)**

### **Course Overview:**

This course explores the principles and methodologies for evaluating mutual fund performance, with a focus on sustainable investing. It aims to equip students with the analytical tools necessary to assess mutual funds' financial performance while incorporating Environmental, Social, and Governance (ESG) criteria into investment decisions.

### **Objectives:**

**Understand Mutual Fund Mechanics:** Explore types of mutual funds, their structure, and operation.

**Performance Metrics:** Learn key metrics such as factor adjusted alphas, beta/smart beta, information ratio etc.

**Sustainable Investing:** Understand ESG principles and their integration into portfolio management.

**Data Analysis:** Use econometric software for real-world fund analysis.

**Regulatory and Ethical Considerations:** Study global regulations and ethical challenges in sustainable investing.

### **Target Audience:**

MEF students

### **Structure:**

Duration: 16 hours – approx. in late November 2025

### **Topics:**

Introduction to Mutual Funds

Evaluating Fund Performance

Fundamentals of Sustainable Investing

ESG Metrics in Mutual Fund Analysis

Empirical analysis with Stata and application to mutual fund performance

### **Outcomes:**

Students will be able to critically assess mutual fund performance, construct sustainable investment portfolios, and address the challenges of aligning financial goals with ESG principles.

**Settore disciplinare 13/ECON-09 - ECONOMIA DEGLI INTERMEDIARI FINANZIARI E FINANZA AZIENDALE.**

**Target: MSc MEF 1st and 2nd Year**

**Sponsor: Marta Degl'Innocenti**