

SYLLABUS DEL CORSO

Analisi di Sopravvivenza

2021-2-F1601M085-F1601M031M

Learning objectives

Introduction to the Italian insurance market, both life and non life, and to the main actuarial techniques applied to:

- Pricing (new products development, profit analysis)
- Reserving (valuation of insurance contracts under different gaaps)
- Introduction to Solvency II

Contents

- Perimeter of application
- Data quality and structure
- Descriptive analysis
- Deterministic models for reserving calculation – introduction to stochastic models

Detailed program

1. Market data and sector Regulations
2. Main Insurance coverages
3. Pricing: principles and main methodologies
4. Reserving: principles and main methodologies
5. Solvency II (main topics)

Prerequisites

Basic knowledge of Descriptive and Inferential Statistics

Teaching methods

On-line lessons (COVID 19)

Examples and exercises using Excel

Assessment methods

Written + oral examinations

Textbooks and Reading Materials

Slides and exercises uploaded on Dashboard

Semester

2nd semester

Teaching language

Italian
