

1.
General presentation
2.
Learning goals
3.
Summarized programme
4.
Main Bibliography

1.
Course: Business Finance
Area/Subarea: Finance and Economics / Finance
Semester: 5th semester
Hourly load: 3 hours per week
ECTS: 4

- 2.

Provide the basic knowledge on key issues of the insurance business, developing in students the ability to handle financial and actuarial models, namely models of annuity with uncertainty life insurance models, mathematical reserves determination and others.

- 3.

1. Introduction;
2. Mortality tables;
3. Life annuities;
4. Life insurances;
5. Mathematical Reserves;
6. Pension Plans and Funds.

- 4.

Caiado, Aníbal e Jorge Caiado, 2008, Gestão de Instituições Financeiras, 2ª Ed., Edições Sílabo

Dickson, David, Mary Hardy, and Howard Waters, 2013, Actuarial Mathematics for Life Contingent Risks, 2nd Ed., Cambridge University Press

Garcia, Jorge, e Onofre Simões, 2010, Matemática Actuarial - Vida e Pensões, Almedina

Promislow, David, 2010, Fundamentals of Actuarial Mathematics, 2ª ed., John Wiley & Sons