

SYLLABUS
NON-LIFE INSURANCE
MANAGEMENT LEVEL
ALBANIA 2015-17

Objectives

On completion of the subject the trainee actuary will be able to:

- (a) Describe the implications of the general business environment in terms of:
- the main features of the general insurance market
 - the effect of different marketing strategies
 - the effect of fiscal regimes
 - the effect of inflation and economic factors
 - the effect of legal, political and social factors
 - the effect of the climate and environmental factors
 - the general effect of professional guidance
 - the impact of technological change
- (Unit 0)**
- (f) Describe the major areas of risk and uncertainty in general insurance business with respect to reserving and capital modelling, in particular those that might threaten profitability or solvency.
- (Unit 1)**
- (g) With regard to the use of data in pricing, reserving and capital modelling:
- (i) Describe the types of data that are used.
- (ii) Describe the main uses of data.
- (iii) Describe the requirements for a good information system.
- (iv) Outline the possible causes of data errors.
- (v) Understand the effects of inadequate data.
- (Unit 2)**
- (h) Outline the major actuarial investigations and analyses of experience undertaken with regard to reserving and capital modelling for general insurers.
- (Unit 3)**
- (i) With regard to reserving work using triangulations:
- (i) Understand the range of general issues that can affect reserving work using triangulations.
- (ii) Gain an appreciation of how to deal with these general issues in reserving work.
- (iii) Have an understanding of the main triangulation methods in use – namely the chain ladder method, the Bornhuetter-Ferguson method and the Average Cost per Claim method.
- (Unit 5)**
- (j) Develop appropriate reserving bases for general insurance business, having regard to:
- the different reasons for calculating reserves
 - the assumptions that might be appropriate in each case
 - why the assumptions may differ from a rating exercise
 - the allowance for future inflation
 - whether or not to discount for investment income
 - the approach for additional unexpired risk reserve
 - communication of the reserving basis
- (Unit 4)**

- (n) Describe:
- (i) the principles of investment
 - (ii) the asset-liability matching requirements of a general insurer
 - (iii) how projection models might be used to develop an appropriate investment strategy
- (Unit 6)**
- (s) (i) Describe the factors influencing the choice of an appropriate reinsurance programme for a general insurer.
- (ii) Describe how to test the appropriateness of alternative reinsurance structures for a general insurer.
- (Unit 7)**
- (u) (i) Describe the methods and principles of accounting for general insurance business and interpret the accounts of a general insurer.
- (Unit 8)**
- (v) (i) Discuss the purposes of regulating general insurance business.
- (ii) Outline possible methods by which general insurers can be regulated, including advantages and drawbacks of each.
- (Unit 9)**

END OF SYLLABUS