

Module FA205: Market Risk Actuarial Science

This is the specialization module of the Market Risk Actuary (MRA) certification program. This module provides knowledge and understanding in performing market risk mapping, modeling, measurement and management.

Following are the main topics of study:

- Measures of Financial Risk and Modeling Dependence: Correlations and Copulas
- Backtesting VaR
- VaR Mapping
- Parametric Approaches (II): Extreme Value
- Measures of Price Sensitivity Based on Parallel Yield Shifts
- Key Rate and Bucket Exposures
- The Science of Term Structure Models
- An Overview of Mortgages and the Mortgage Market
- Mortgage-Backed Securities and Valuation of Mortgage-Backed Securities
- Volatility Smiles
- Valuations and Risk Analysis used for 2nd Galai Report (VaR, Sensitivity)
- Market Risk in Basel II/III and Solvency II
- Excel Application of the Module's Topics

Module Requirements:

- Successful completion of module FA204
- Attend for at least 38 hours out of the total 48 hours training program
- Submit all required homework on time
- Submit an actual and sanitized Market Risk Actuary (MRA) report
- Pass a comprehensive, two-hour, multiple-choice, Market Risk Actuary (MRA) certification exam

At the end of the module participants will be awarded a Certificate of Achievement or a Certificate of Participation by the Israel Association of Valuators and Financial Actuaries (IAVFA)



Module FA205: Market Risk Actuarial Science

Location, Date and Fee:

- 8 weekly sessions + exam session
- Time: 16:30-21:30
- Location: Levinsky College Campus, 15 Shoshana Persitz St, Tel Aviv
- Module Fee: 5,000 NIS (VAT & registration fee included)
- Dates: 01/09/16, 08/09/16, 15/09/16, 22/09/16, 29/09/16, 06/10/16, 13/10/16, 20/10/16, 27/10/16

 WWW.IAVFA.COM



PO Box 57334, Tel-Aviv, 6157301 Israel



+972-77-5070590



+972-153-77-5070591



IAVFA1020@GMAIL.COM