

Curriculum(Thesis Option)

First Semester

IAM 521 Financial Management
IAM 530 Elements of Probability and Statistics IAM
IAM 556 Simulation
IAM 541 Probability Theory

Second Semester

IAM 520 Financial Derivatives
IAM 522 Stochastic Calculus for Finance
IAM 526 Time Series Applied to Finance

Third Semester

IAM 524 Financial Economics
Elective Course
IAM 590 Graduate Seminar

Fourth Semester

IAM 500 Master's Thesis

Curriculum(Non-Thesis Option)

First Semester

IAM 521 Financial Management
IAM 530 Elements of Probability and Statistics IAM
IAM 556 Simulation
IAM 541 Probability Theory

Second Semester

IAM 520 Financial Derivatives
IAM 522 Stochastic Calculus for Finance
IAM 526 Time Series Applied to Finance

Third Semester

IAM 524 Financial Economics
Elective Course
Elective Course

Fourth Semester

Elective Course
IAM 589 Term Project
IAM 590 Graduate Seminar

Curriculum for Financial Mathematics in Life Insurance (Non-Thesis Option)

First Semester

IAM 521 Financial Management
IAM 530 Elements of Probability and Statistics IAM
IAM 556 Simulation
IAM 582 Life Insurance Mathematics

Second Semester

IAM 520 Financial Derivatives
IAM 526 Time Series Applied to Finance
IAM 583 Pension Fund Modeling

Third Semester

IAM 524 Financial Economics
IAM 584 Advanced Actuarial Mathematics
Elective Course

Fourth Semester

Elective Course
IAM 589 Term Project
IAM 590 Graduate Seminar