

# CURRICULUM

## M.Sc. Program in Financial Mathematics (thesis option)

### First Semester

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

### Second Semester

IAM 520 Financial Derivatives  
IAM 522 Stochastic Calculus for Finance  
IAM 524 Financial Economics

### Summer Internship

### Third Semester

IAM 526 Time Series Applied to Finance  
Elective Course  
IAM 590 Graduate Seminar

### Fourth Semester

IAM 500 Master's Thesis

## M.Sc. Program in Financial Mathematics (non-thesis option)

### First Semester

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

### Second Semester

IAM 520 Financial Derivatives  
IAM 522 Stochastic Calculus for Finance  
IAM 524 Financial Economics

### Summer Internship

### Third Semester

IAM 526 Time Series Applied to Finance  
Elective Course  
Elective Course

### Fourth Semester

Elective Course  
IAM 589 Term Project  
IAM 590 Graduate Seminar

\*Students not having a sufficient background in Statistics will have to take "IAM 530 Elements of Probability and Statistics"; otherwise they will have to take "IAM 556 Simulation"