**TOTAL UNITS**

necessary for degree completion:

- **Core** - 400 units
- **Computing** - 400 units
- **Electives** - 450 units

### AUTUMN
- **FINM 33000** - 100 units
  Mathematical Foundations of Option Pricing
- **FINM 34000** - 50 units
  Probability and Stochastic Processes
- **FINM 36700** - 100 units
  Portfolio Theory and Risk Management I

### WINTER
- **FINM 36702** - 50 units
  Portfolio Theory and Risk Management II
- **FINM 33150** - 100 units
  Regression Analysis and Quant. Trading Strategies
- **BUSF 41202** - 100 units
  Analysis of Financial Time Series***

- *Either FINM 33150 or BUSF 41202 must be taken as a core course. If both are taken, one may count as an elective course.*

### SPRING
- **FINM 32850** - 100 units
  Case Studies for Computing in Finance
- **FINM 32600** - 100 units
  Computing for Finance in C++
- **FINM 32700** - 100 units
  Advanced Computing for Finance
- **FINM 32950** - 50 units
  Introduction to HPC in Finance

### SUMMER
- **FINM 33160** - 100 units
  Machine Learning for Finance
- **FINM 33165** - 100 units
  Probabilistic Programming and Deep Learning
- **FINM 34000** - 100 units
  Probability and Stochastic Processes
- **FINM 33500** - 100 units
  Topics in Economics

### CORE
- Any computing courses taken to exceed 400 units will count towards electives.

### COMPUTING
- Either FINM 32500 or FINM 33160 is a required computing course

### ELECTIVES
- **FINM 33150** - 50 units
  Fixed Income Derivatives
- **FINM 33500** - 100 units
  Corporate and Credit Securities
- **FINM 33601** - 100 units
  Analysis of Financial Time Series***