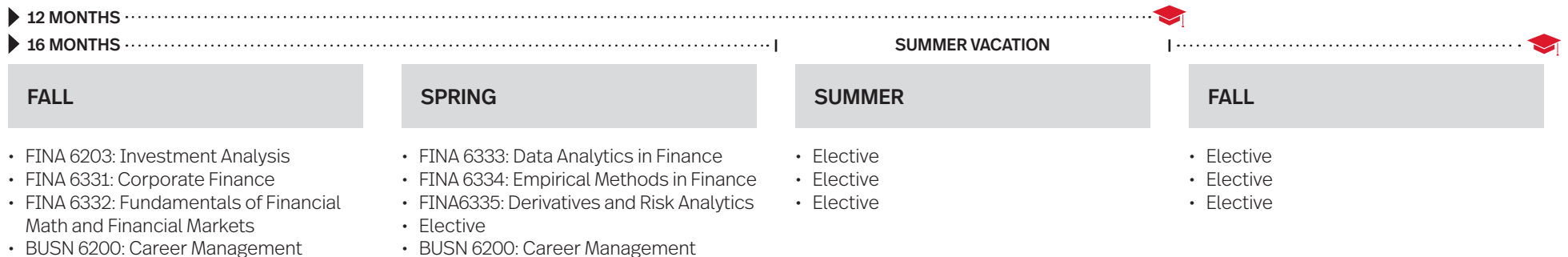


# MS in Finance Full-time Quantitative Finance Curriculum

To keep pace with fintech innovations and new regulations, you must stay sharp—mastering data and technological skills.

D'Amore-McKim's STEM-designated Full-Time MS in Finance (Quantitative Finance) emphasizes the intersection of finance and data analytics. Courses integrate economics, mathematics, and computer science with financial theory and application to prepare you to thrive in a rapidly changing finance industry transformed by technology and innovation. If you want to pursue the Chartered Financial Analyst designation, your coursework will help you prepare for the exams.

## Program Overview



## Sample of Elective Course Options

### OFFERED AT D'AMORE-MCKIM

- FINA 6204: International Financial Management
- FINA 6217: Real Estate Finance and Investment
- FINA 6292: Advanced Topics in Finance: Data Management with Finance Applications
- FINA 6336: Fixed-Income Securities and Derivatives
- FINA 6337: Computational Methods in Finance
- FINA 6338: Alternative Investments
- FINA 6339: Quantitative Portfolio Management
- FINA 6340: Financial Markets and Banking in the Post Crisis Era

### OFFERED OUTSIDE OF D'AMORE-MCKIM

- CS 5100: Foundations of Artificial Intelligence
- CS 5200: Database Management Systems
- ECON 5140: Applied Econometrics

The curriculum is subject to change by D'Amore-McKim faculty. Not all electives may be offered every term. You are encouraged to work with your academic advisor when planning your schedule. International students will be eligible to apply for up to 12 months of Optional Practical Training followed by an additional 24 months on an OPT STEM Extension, for a total of up to 36 months of temporary employment.