A proposed CFM course sequence - Fall 2023

1A (Fall, Year 1)
CS 135 Designing Functional Programs
MATH 135 Algebra
MATH 137 Calculus 1
CFM 101 Introduction to Fin Markets and Data Analytics
AFM 132 Introduction to Business Stages

2A (Fall, Year 2)
CS 245 Logic and Computation
CS 246 Software Abstraction and Specification
STAT 230 Probability
AFM 272 Global Capital Markets
ECON 101 Introduction to Microeconomics

2B (Spring, Year 2)
CS 241 Foundations of Sequential Programs
STAT 231 Statistics
AFM 274 Introduction to Corporate Finance (replaced AFM 275/372)
ECON 102 Introduction to Macroeconomics
COMMUNICATIONS SKILLS ELECTIVE^1

3B (Fall, Year 4)
CS 341 Algorithms
STAT 373 Regression and Forecasting Methods in Finance
AFM 425 Fixed Income Securities
ARTS ELECTIVE^2
GENERAL ELECTIVE^3

3A (Winter, Year 3)
CS 240 Data Structures and Data Management
Math 239 Introduction to Combinatorics
CFM 301 Intermediate Financial Data Analytics
AFM 322 Derivative Securities
GENERAL ELECTIVE^3

4A (Spring, Year 4)
AFM 424 Equity Investments
CS ELECTIVE^4
ARTS ELECTIVE^2 (CFM 401 Topics in Financial Data Analytics)
ARTS ELECTIVE^2
GENERAL ELECTIVE^3

4B (Winter, Year 5)
CS ELECTIVE^4
CS ELECTIVE^4
ARTS ELECTIVE^2
ARTS ELECTIVE^2
GENERAL ELECTIVE^3

1. Two of the following with a grade of 65% before 4A: ENGL 109 Introduction to Academic Writing, ENGL 119 Communications in Mathematics and Computer, EMLS 129R/ENGL 129R Written Academic English or COMMST 223 Public Speaking
2. Two of the following: AFM 291 Intermediate Financial Accounting 1, any AFM course at the 300 or 400 level not listed above, CFM 401 Topics in Financial Data Analytics, ECON 201 Microeconomic Theory for Business and Policy, ECON 206 Money and Banking 1, ECON 207 Economic Growth and Development 1, ECON 231 Introduction to International Economics, ECON 332 International Finance, MGMT 344/ARBUS 302 Principles of Marketing, PHIL 215/ARBUS 202 Professional and Business Ethics; and two additional AFM courses at the 300 or 400 level, not listed above and CFM 401 Topics in Financial Technology; or three additional AFM courses at the 300 or 400 level, not listed above
3. One additional course from CS440-498 or CO 487 and two additional courses from CS251/CS251E, CS340-398, CS440-498 or CO 487
4. Four additional courses

NOTE: This flowchart is not a substitute for the official degree regulations. If there is a question of interpretation or a discrepancy, the Undergraduate Calendar always takes precedence.
A proposed CFM course sequence - Fall 2023

1A (Fall, Year 1)
- CS 115 Designing Functional Programs
- MATH 135 Algebra
- MATH 137 Calculus 1
- CFM 101 Introduction to Fin Markets and Data Analytics
- AFM 132 Introduction to Business Stages

2A (Fall, Year 2)
- CS 136 Elementary Algorithm Design and Data Abstraction
- CS 136L Tools and Techniques for Software Development
- STAT 239 Introduction to Combinatorics
- STAT 230 Probability
- AFM 272 Global Capital Markets
- ECON 101 Introduction to Microeconomics

3B (Winter, Year 3)
- CS 240 Data Structures and Data Management
- CS 241 Foundations of Sequential Programs
- CFM 301 Intermediate Financial Data Analytics
- AFM 322 Derivative Securities

4B (Winter, Year 5)
- CS ELECTIVE4
- CS ELECTIVE4
- ARTS ELECTIVE2
- ARTS ELECTIVE2
- GENERAL ELECTIVE3

1B (Winter, Year 4)
- Work Term

2B (Spring, Year 2)
- CS 245 Logic and Computation
- CS 246 Software Abstraction and Specification
- STAT 231 Statistics
- STAT 230 Probability
- AFM 274 Introduction to Corporate Finance (replaced AFM 275/372)
- ECON 102 Introduction to Macroeconomics

3A (Winter, Year 3)
- Work Term

4A (Spring, Year 4)
- AFM 424 Equity Investments
- CS ELECTIVE4
- ARTS ELECTIVE2 (CFM 401 Topics in Financial Data Analytics)
- ARTS ELECTIVE2
- GENERAL ELECTIVE3

1. **Two of the following with a grade of 65% before 4A**: ENGL 109 Introduction to Academic Writing, ENGL 119 Communications in Mathematics and Computer, EMLS 129R/ENGL 129R Written Academic English or COMMST 223 Public Speaking

2. **Two of the following**: AFM 291 Intermediate Financial Accounting 1, any AFM course at the 300 or 400 level not listed above, CFM 401 Topics in Financial Data Analytics, ECON 201 Microeconomic Theory for Business and Policy, ECON 206 Money and Banking 1, ECON 207 Economic Growth and Development 1, ECON 231 Introduction to International Economics, ECON 332 International Finance, MGMT 344/ARBUS 302 Principles of Marketing, PHIL 215/ARBUS 202 Professional and Business Ethics; and **two additional AFM courses** at the 300 or 400 level, not listed above and CFM 401 Topics in Financial Technology; or **three additional AFM courses** at the 300 or 400 level, not listed above

3. **One additional course** from CS440-498 or CO 487 and **two additional courses** from CS251/CS251E, CS340-398, CS440-498 or CO 487

4. **Four additional courses**

**NOTE:** This flowchart is not a substitute for the official degree regulations. If there is a question of interpretation or a discrepancy, the Undergraduate Calendar always takes precedence.