

Minor Programme in Applied Mathematics (Programme Code 63421-YAM)

Subjects offered in 2020/21 Academic Year

| Subject Code | Subject Title                                     | Sem | Group No. | Mode (Day/Evening) |
|--------------|---|-----|-----------|--------------------|
| AMA1502      | Introduction to Statistics                        | 1   | 1555      | D                  |
| AMA2111      | Mathematics I                                     | 1   | 1555      | D                  |
| AMA2112      | Mathematics II                                    | 1   | 1555      | D                  |
| AMA2308      | Mathematics for Engineers                         | 1   | 1555      | D                  |
| AMA2631      | Applied Statistical Methods                       | 1   | 1555      | D                  |
| AMA2691      | Probability & Distributions                       | 1   | 1555      | D                  |
| AMA2882      | Mathematics for Scientists and Engineers          | 1   | 1555      | D                  |
| AMA304       | Financial Computations and Programming            | 1   | 1555      | D                  |
| AMA3007      | Real Analysis                                     | 1   | 1555      | E                  |
| AMA358       | Applied Probability Models for Investment         | 1   | 1555      | D                  |
| AMA364       | Statistical Inference                             | 1   | 1555      | D                  |
| AMA3721      | Probability and Distributions for Risk Management | 1   | 1555      | D                  |
| AMA432       | Mathematical Methods for Investment               | 1   | 1555      | D                  |
| AMA481       | Econometrics                                      | 1   | 1555      | D                  |
| AMA484       | Decision Analysis                                 | 1   | 1555      | D                  |
| AMA488       | Simulation  | 1   | 1555      | D                  |

| Subject Code | Subject Title                                     | Sem | Group No. | Mode (Day/Evening) |
|--------------|---|-----|-----------|--------------------|
| AMA1502      | Introduction to Statistics                        | 2   | 2555      | D                  |
| AMA2007      | Intermediate Calculus and Linear Algebra          | 2   | 2555      | E                  |
| AMA2104      | Probability and Engineering Statistics            | 2   | 2555      | D                  |
| AMA2111      | Mathematics I                                     | 2   | 2555      | E                  |
| AMA2112      | Mathematics II                                    | 2   | 2555      | D                  |
| AMA2380      | Engineering Mathematics                           | 2   | 2555      | D                  |
| AMA2602      | Applied Linear Models for Finance Analytics       | 2   | 2555      | D                  |
| AMA304       | Financial Computations and Programming            | 2   | 2555      | E                  |
| AMA358       | Applied Probability Models for Investment         | 2   | 2555      | D                  |
| AMA364       | Statistical Inference                             | 2   | 2555      | D                  |
| AMA3721      | Probability and Distributions for Risk Management | 2   | 2555      | D                  |
| AMA3723      | Further Mathematical Methods for Finance          | 2   | 2555      | D                  |
| AMA382       | Operations Research Methods                       | 2   | 2555      | D                  |
| AMA435       | Mathematics for Financial Derivatives             | 2   | 2555      | D                  |
| AMA465       | Forecasting and Applied Time Series Analysis      | 2   | 2555      | D                  |
| AMA481       | Econometrics                                      | 2   | 2555      | D                  |
| AMA484       | Decision Analysis                                 | 2   | 2555      | D                  |
| AMA488       | Simulation  | 2   | 2555      | D                  |