

The list shows the nature of subjects for students' reference.

&&& Last offer in 2021/22.  
 \*\*\*\* To be offered from 2022/23.

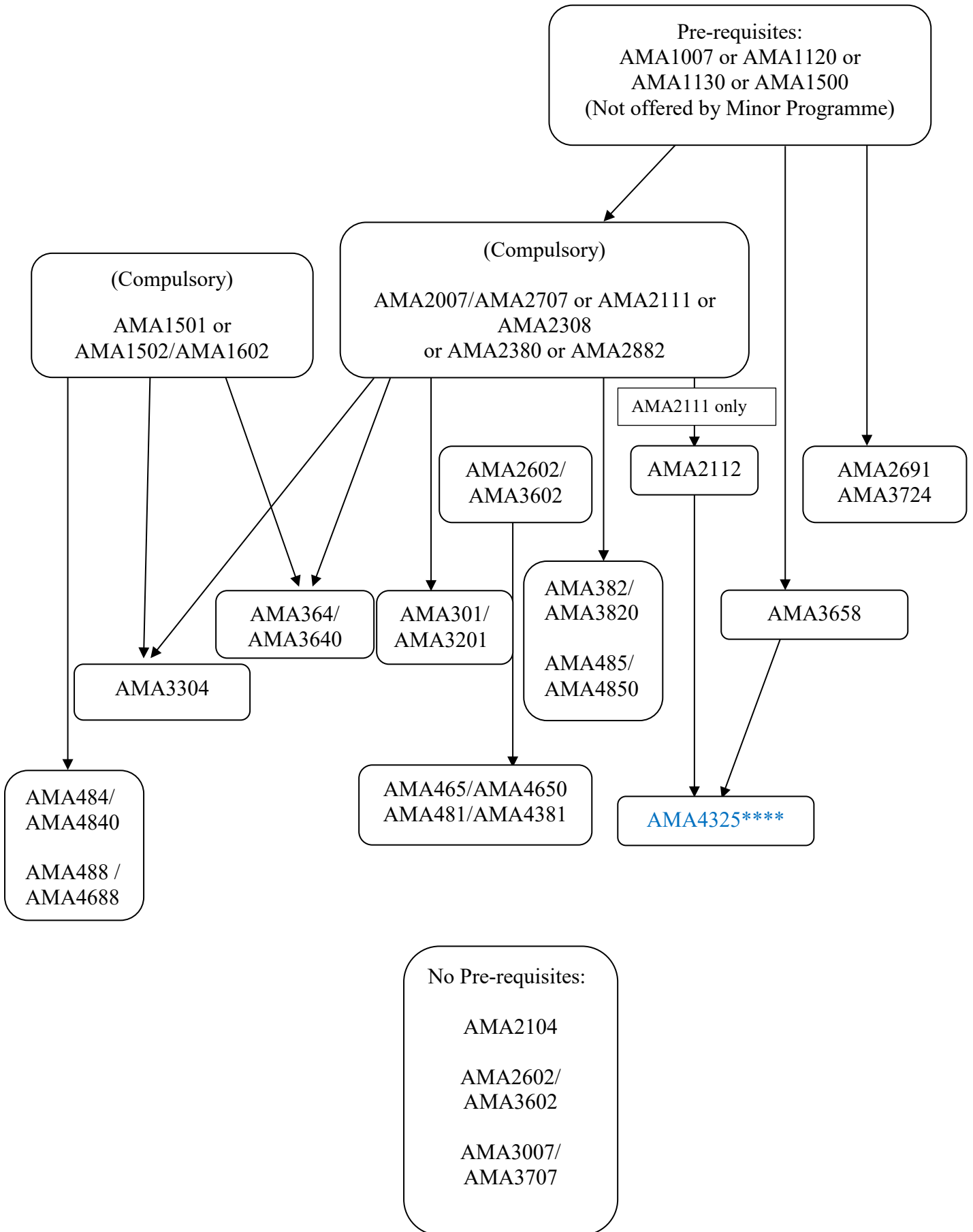
| <b><i>Subject Code</i></b> | <b><i>Subject Title</i></b>              | <b><i>Nature of Subject</i></b> |
|----------------------------|--|---------------------------------|
| AMA2111                    | Mathematics I                            | Applied Mathematics             |
| AMA2112                    | Mathematics II                           | Applied Mathematics             |
| AMA2308                    | Mathematics for Engineers                | Applied Mathematics             |
| AMA2380                    | Engineering Mathematics                  | Applied Mathematics             |
| AMA2707                    | Intermediate Calculus and Linear Algebra | Applied Mathematics             |
| AMA2882                    | Mathematics for Scientists and Engineers | Applied Mathematics             |
| AMA3201                    | Computational Methods                    | Applied Mathematics             |
| AMA3707                    | Real Analysis                            | Applied Mathematics             |

| <b><i>Subject Code</i></b> | <b><i>Subject Title</i></b>                  | <b><i>Nature of Subject</i></b> |
|----------------------------|--|---------------------------------|
| AMA1501                    | Introduction to Statistics for Business      | Applied Statistics              |
| AMA1602                    | Introduction to Statistics                   | Applied Statistics              |
| AMA2104                    | Probability and Engineering Statistics       | Applied Statistics              |
| AMA2602/AMA3602            | Applied Linear Models for Finance Analytics  | Applied Statistics              |
| AMA2691                    | Probability & Distributions                  | Applied Statistics              |
| AMA3640                    | Statistical Inference                        | Applied Statistics              |
| AMA3658                    | Stochastic Processes for Investment          | Applied Statistics              |
| AMA4381                    | Econometrics                                 | Applied Statistics              |
| AMA4650                    | Forecasting and Applied Time Series Analysis | Applied Statistics              |

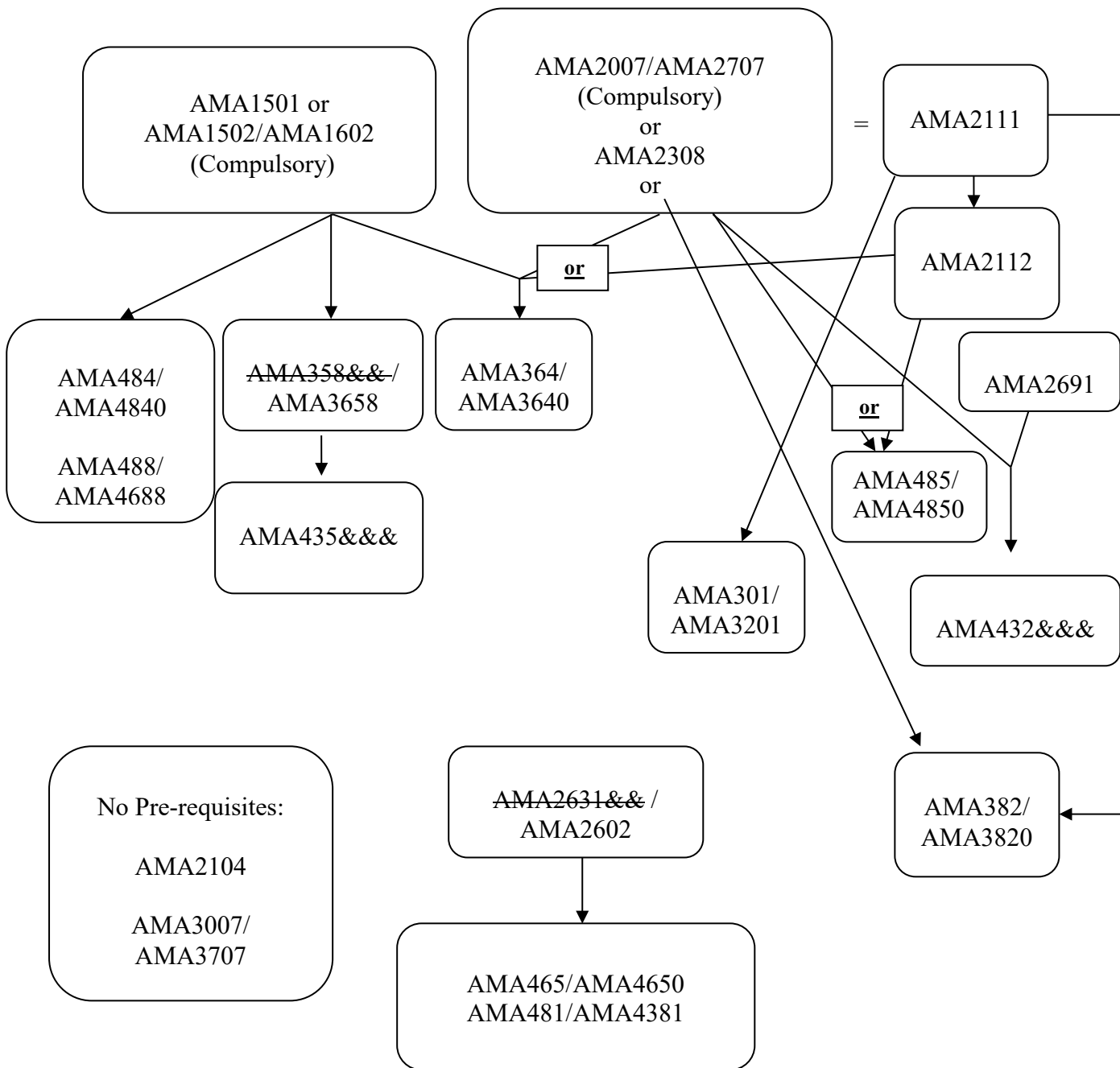
| <i>Subject Code</i> | <i>Subject Title</i>                      | <i>Nature of Subject</i> |
|---------------------|---|--------------------------|
| AMA3304             | Theory of Interest and Portfolio Analysis | Financial Mathematics    |
| AMA3724             | Further Mathematical Methods              | Financial Mathematics    |
| AMA432&&&           | Mathematical Methods for Investment       | Financial Mathematics    |
| AMA4325****         | Derivative Pricing                        | Financial Mathematics    |
| AMA435&&&           | Mathematics for Financial Derivatives     | Financial Mathematics    |

| <i>Subject Code</i> | <i>Subject Title</i>        | <i>Nature of Subject</i> |
|---------------------|-----------------------------|--------------------------|
| AMA3820             | Operations Research Methods | Operational Research     |
| AMA4688             | Simulation                  | Operational Research     |
| AMA4840             | Decision Analysis           | Operational Research     |
| AMA4850             | Optimization Methods        | Operational Research     |

The diagram shows the possible study patterns of the Minor Programme for the 2019/20, the 2020/21 and the 2021/22 cohort intakes for students' reference.



The diagram shows the possible study patterns of the Minor Programme for students prior to 2019/20 cohort intakes for students' reference.



**Remarks:** AMA2380 follows the study pattern of AMA2007/AMA2707 except AMA364/AMA3640.