



## MSc Data Science Module Running Schedule

| <b>Module Code</b> | <b>Module Name</b>                          | <b>Module Release Date (Indicative)</b> | <b>Session Availability</b> |
|--------------------|---|---|-----------------------------|
| <b>DSM020</b>      | Data programming in Python                  | April 2020                              | April & October             |
| <b>DSM030</b>      | Mathematics and statistics for data science | April 2020                              | April & October             |
| <b>DSM040</b>      | Machine learning                            | April 2020                              | April & October             |
| <b>DSM010</b>      | Big data analysis                           | October 2020                            | April & October             |
| <b>DSM050</b>      | Data visualisation                          | October 2020                            | April & October             |
| <b>DSM060</b>      | Data science research topics                | October 2020                            | April & October             |
| <b>DSM070</b>      | Blockchain programming                      | April 2021                              | April Only                  |
| <b>DSM080</b>      | Mathematics of financial markets            | April 2021                              | April Only                  |
| <b>DSM110</b>      | R for data science                          | April 2021                              | April Only                  |
| <b>DSM120</b>      | Financial data modelling                    | April 2021                              | April Only                  |
| <b>DSM500</b>      | Final project                               | April 2021                              | April & October             |
| <b>DSM100</b>      | Artificial Intelligence                     | October 2021                            | October Only                |
| <b>DSM140</b>      | Natural language processing                 | October 2021                            | October Only                |
| <b>DSM150</b>      | Neural networks                             | October 2021                            | October Only                |
| <b>DSM160</b>      | Social networks and graph analysis          | October 2022                            | October Only                |