

B.Sc. (Hons) with Major in Mathematics

Graduation Requirements for students admitted in AY2021/2022 or after

To be awarded a **B.Sc.(Hons) with primary major in Mathematics**, in addition to the University and College requirements, a candidate must satisfy the following:

| Course Level | Major Requirements | Level Units | Cumulative Major Units |
|--------------|---|-------------|------------------------|
| 1000 | 1. Pass MA1100/MA1100T Basic Discrete Mathematics | 4 | 4 |
| 2000 | 2. Pass all the following courses: <ul style="list-style-type: none"> • MA2001 Linear Algebra I • MA2002 Calculus • MA2101/MA2101S Linear Algebra II • MA2104 Multivariable Calculus • MA2108/MA2108S Mathematical Analysis I • MA2116/MA2216/ST2131 Probability 3. Pass two additional courses coded MA22xx/MA32xx/MA42xx (except MAx288/MAx289/MAx288x/MAx289x/MA4288x) | 32-36 | 36-40 |
| 3000 | 4. Pass *five courses coded MA32xx/MA42xx/MA52xx/MA62xx (except MAx288/MAx289/ MAx288x/ MAx289x /MA4288x/MA5232/MA5266) or ST3236 or ST4238 *At most three courses (12 Units) can be coded MA52xx/MA62xx | 20-23 | 56-62 |
| 4000 | 5. Pass MA4198 Mathematics Capstone Project | 4 | 60-66 |

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