

# Special Programme in Mathematics

## Sample Study Plan for Students Admitted from AY2019/2020 to AY2020/2021<sup>1</sup>

Occasionally certain modules listed below may not be offered in a particular year.

SEM	RECOMMENDED MODULES
Year 1, Semester 1	<ul style="list-style-type: none"> <li>MA1100 Basic Discrete Mathematics</li> <li>MA1101R Linear Algebra I</li> <li>MA1102R Calculus</li> </ul>
Year 1, Semester 2	<ul style="list-style-type: none"> <li>MA2104 Multivariable Calculus</li> <li>MA2108S Mathematical Analysis I (S)</li> <li>MA2101S Linear Algebra II (S)</li> <li>Other MA modules (MA2xxx)</li> </ul>
Year 2, Semester 1	<ul style="list-style-type: none"> <li>MA2202S Algebra I (S)</li> <li>Other MA modules (MA2xxx/MA3xxx)</li> </ul>
Year 2, Semester 2	<ul style="list-style-type: none"> <li>MA3211S Complex Analysis I (S)</li> <li>Other MA modules (MA2xxx/3xxx/MA4xxx)</li> </ul>
Year 3, Semester 1	<ul style="list-style-type: none"> <li>MA4291 Undergraduate Topics in Mathematics I (if offered)</li> <li>Other MA modules (MA3xxx/MA4xxx/MA5xxx<sup>2</sup>)</li> </ul>
Year 3, Semester 2	<ul style="list-style-type: none"> <li>MA4292 Undergraduate Topics in Mathematics II (if offered)</li> <li>Other MA modules (MA3xxx/MA4xxx/MA5xxx<sup>2</sup>/MA6xxx)</li> </ul>

<sup>1</sup> Students in SPM are required to satisfy the SPM requirements, in addition to the requirements of their respective major for their year of matriculation.

<sup>2</sup> SPM students may consider reading *MA5203 Graduate Algebra I* (as prerequisite for MA5204 or MA5218) and *MA5205 Graduate Analysis I* (as prerequisite for MA5206). Although MA5203/MA5205 cannot be used to replace MA4291/MA4292 to satisfy the SPM requirements, they are prerequisites for many graduate level courses which can be taken as replacement for MA4291/MA4292.

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