Program Schedule

First Semester

Course Code	Course title	Credit hours
MATH5401	Group Theory and Modules	4
MATH5701	Geometry and Topology	4
MATH5801	Measure Theory	4
Total		12

Second Semester

Course Code	Course title	Credit hours
MATH5411	Introduction to Rings and Modules	4
MATH5501	Numerical Analysis	4
MATH5811	Functional Analysis	4
Total		12

Third Semester

Course Code	Course title	Credit hours
MATH5101	Ordinary Differential Equations	4
MATH5301	Introduction to Discrete Structures	4
	Elective course*	4
Total		12

Fourth Semester

Course Code	Course title	Credit hours
MATH5391	Selected Topics in Mathematics	3
MATH5991	Research Project	3
Total		6

* The student selects one 4 unit course from a list of 4 optional courses offered by the Department subject to its capabilities.