



**Central University of Bihar  
School of Education**

**BSc.BEd (Four Years Integrated Programme)**

**List of Courses for BSc.BEd Programme in Mathematics (40 Credits)**

Course Code	Course Title	Credits
<b>Semester - I</b>		
MTH 101	Introductory Mathematics	4
<b>Semester – II</b>		
MTH 151	Analysis I	4
<b>Semester – III</b>		
MTH 201	Linear Algebra and ODE	4
<b>Semester – IV</b>		
MTH 251	Analysis II	4
<b>Semester – V</b>		
MTH 301	Algebra I	3
MTH 302	Differential Equations	3
<b>Total Credits</b>		<b>6</b>
<b>Semester – VI</b>		
MTH 351	Analysis III	3
MTH 352	Coordinate Geometry and Complex Analysis	3
<b>Total Credits</b>		<b>6</b>
<b>Semester – VII</b>		
MTH 401	Algebra II	3
MTH 402	Programming in C with Numerical Methods	3
<b>Total Credits</b>		<b>6</b>
<b>Semester – VIII</b>		
MTH 451	Probability and Statistics	3
MTH ***	Elective - I	3
<b>Total Credits</b>		<b>6</b>
<b>List of Electives</b>		
MTH 452	Linear Programming	3
MTH 453	Discrete Mathematics	3
MTH 554	Graph Theory	3
MTH 455	Number Theory	3
MTH 456	Statistics and Dynamics	3
MTH 457	Mechanics	3