

**Semester wise courses distribution for B. Sc. (Honours) in Mathematics Program**

<b>1<sup>ST</sup> YEAR 1<sup>ST</sup> SEMESTER</b>			
<b>SL. No</b>	<b>Course Code No.</b>	<b>Course Title</b>	<b>Credit</b>
1	MAT0541111	Fundamentals of Mathematics	3
2	MAT0541112	Calculus-I	3
3	STA0542113	Statistics-I	3
4	PHY0533114	Mechanics, Properties of matter and waves	3
5	BAN0231115	Bengali Language & Literature	3
6	CSE0611117	Fundamentals of Computer Technique	3
<b>Subtotal</b>			<b>18</b>

<b>1<sup>ST</sup> YEAR 2<sup>ND</sup> SEMESTER</b>			
<b>SL. No</b>	<b>Course Code No.</b>	<b>Course Title</b>	<b>Credit</b>
1	MAT0541121	Calculus-II	3
2	MAT0541122	Analytical Geometry-I	3
3	STA0542123	Statistics-II	3
4	PHY0533124	Heat, Thermodynamics and Optics	3
5	CSE0611125	Computer Programming-I	3
6	MAT0541199	Viva Voce	1
<b>Subtotal</b>			<b>16</b>
<b>2<sup>ND</sup> YEAR 1<sup>ST</sup> SEMESTER</b>			
<b>SL. No.</b>	<b>Course Code No.</b>	<b>Course Title</b>	<b>Credit</b>
1	MAT0541211	Analytical Geometry-II	3
2	MAT0541212	Vector and Tensor Analysis	3
3	STA0542213	Statistics-III	3
4	MAT0541214	Linear Algebra	3
5	ENG0231215	Basic English	3
6	GED0222216	Bangladesh Studies	3
<b>Subtotal</b>			<b>18</b>
<b>2<sup>ND</sup> YEAR 2<sup>ND</sup> SEMESTER</b>			
<b>SL. No.</b>	<b>Course Code No.</b>	<b>Course Title</b>	<b>Credit</b>
1	MAT0541221	Calculus-III	3
2	MAT0541222	Real Analysis-I	3
3	MAT0541223	Mathematical Programming-I	3
4	MAT0541224	Discrete Mathematics	3

5	MAT0541225	Ordinary Differential Equations	3
6	CSE0611226	Computer Programming-II	3
7	MAT0541299	Viva Voce	3
<b>Subtotal</b>			<b>19</b>
<b>3<sup>RD</sup> YEAR 1<sup>ST</sup> SEMESTER</b>			
<b>SL. No.</b>	<b>Course Code No.</b>	<b>Course Title</b>	<b>Credit</b>
1	MAT0541311	Real Analysis-II	3
2	MAT0541312	Mathematical Programming-II	3
3	MAT0541313	Complex Analysis	3
4	MAT0541314	Abstract Algebra	3
5	MAT0541315	Numerical Analysis-I	3
6	MAT0541316	Hydrodynamics	3
<b>Subtotal</b>			<b>18</b>
<b>3<sup>RD</sup> YEAR 2<sup>ND</sup> SEMESTER</b>			
<b>SL. No.</b>	<b>Course Code No.</b>	<b>Course Title</b>	<b>Credit</b>
1	MAT0541321	Real Analysis-III	3
2	MAT0541322	Mechanics	3
3	MAT0541323	General Topology	3
4	MAT0541324	Mathematical Methods	3
5	MAT0541325	Numerical Analysis-II	3
6	CSE0611326	Computer Programming-III	3
7	MAT0541399	Viva Voce	1
<b>Subtotal</b>			<b>19</b>
<b>4<sup>TH</sup> YEAR 1<sup>ST</sup> SEMESTER</b>			

Sl. No.	Course Code	Course Title	Credits
1		Students shall take any 6(six) courses or 18 credits from the elective courses without viva voce with the approval of the department.	3×6=18
2			
3			
4			
5			
6			
<b>Subtotal</b>			<b>18</b>
<b>4<sup>TH</sup> YEAR 2<sup>ND</sup> SEMESTER</b>			
Sl. No.	Course Code	Course Title	Credits
1		Students shall either take any 6(six) courses or 5 (Five) Courses along with a Project (3 Credits) from the elective courses with the approval of the department.	3×6 = 18
2			
3			
4			
5			
6			
7	MAT0541499	Viva Voce	1
<b>Subtotal</b>			<b>19</b>
<b>Total</b>			<b>145</b>