

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

1ST YEAR 1ST SEMESTER			
SL. No	Course Code No.	Course Title	Credit
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
Subtotal			18

1ST YEAR 2ND SEMESTER			
SL. No	Course Code No.	Course Title	Credit
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
Subtotal			16
2ND YEAR 1ST SEMESTER			
SL. No.	Course Code No.	Course Title	Credit
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
Subtotal			18
2ND YEAR 2ND SEMESTER			
SL. No.	Course Code No.	Course Title	Credit
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
Subtotal			19
3RD YEAR 1ST SEMESTER			
SL. No.	Course Code No.	Course Title	Credit
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
Subtotal			18
3RD YEAR 2ND SEMESTER			
SL. No.	Course Code No.	Course Title	Credit
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
Subtotal			19
4TH YEAR 1ST SEMESTER			

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			
Subtotal			18
4 TH YEAR 2 ND SEMESTER			
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
Subtotal			19
Total			145