



JOY UNIVERSITY

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School of Arts and Natural Sciences

Department of Humanities & Social Sciences

B.Sc., B.Ed. Education – I Semester

Sl.No	Course Code	Course Title	L	T	P	Contact Hrs / Wk	Credits
1.	BSMA 1101	Calculus	3	1	0	4	4
2.	BSBI #####	Zoology	1	2	0	3	3
3.	BBED 1101	Basic Philosophical and Sociological Concepts in Education	2	1	0	3	3
4.	BBED 1102	Arts in Education- Performing Arts	1	0	2	3	2
5.	#####	Computer Fundamentals	3	0	2	5	4
6.	BAEN 1101	Effective Communication	2	0	0	2	2
		TOTAL	12	4	4	20	18

B.Sc., B.Ed. Education – II Semester

Sl.No	Course Code	Course Title	L	T	P	Contact Hrs / Wk	Credits
1.	BSPH1201	Optics and Laser Physics	3	1	0	4	4
2.	BSPH 1203	Physics Lab	0	0	2	3	2
3.	BSMA 1112	Differential Equations	3	0	1	5	4
4.	BSBI #####	Zoology Lab	0	0	1	2	2
5.	BBED 1201	Reading and reflecting on texts	1	0	2	3	2
6.	BBED 1202	Understanding Discipline and Subjects	2	0	0	2	2
7.	#####	Basic of Programming	3	0	2	5	4
8.	BAGN 1201	Environmental Studies	3	0	0	3	3
		TOTAL	15	1	8	27	23

B.Sc., B.Ed. Education – III Semester

Sl.No	Course Code	Course Title	L	T	P	Contact Hrs / Wk	Credits
1.	BSPH1101	Mechanics and General Properties of Materials	3	1	0	4	4
2.	BSPH 1103	Physics Lab	0	0	2	3	2
3.	BSMA 1101	Algebra	3	1	0	4	4
4.	BSBI####	Botany	2	1	0	3	3
5.	BSBI ####	Botany Lab	0	0	1	2	2
6.	BBED 2101	Language across curriculum	2	1	0	3	3
7.	BBED 2202	Childhood and growing up	3	1	1	5	4
8.	BAPH 2141	Professional Ethics	2	1	0	3	3
		TOTAL	15	6	4	27	25

B.Sc., B.Ed. Education – IV Semester

Sl.No	Course Code	Course Title	L	T	P	Contact Hrs / Wk	Credits
1.	BSPH2401	Waves and Fluid Dynamics	3	1	0	4	4
2.	BSPH 2404	Physics Lab	0	0	2	3	2
3.	BSMA 1211	Numerical Methods	3	0	1	5	4
4.	BSBI ####	Botany	1	2	0	3	3
5	BSBI ####	Botany Lab	0	0	1	2	2
6.	BBED 2201	Contemporary India and Education	3	1	0	4	4
7.	BBED 2202	Understanding the Self	2	1	0	3	3
8.	BBED 2203	School Exposure*	#	#	#	#	2
		TOTAL	12	5	4	24	24

* 2 week School Exposure Program

B.Sc., B.Ed. Education – V Semester

Sl.No	Course Code	Course Title	L	T	P	Contact Hrs / Wk	Credits
1.	BBED 3101	Community Living Program*	#	#	#	#	2
2.	BBED 3102	Pedagogy of School Subject-I (Physics)	3	1	1	5	4
3.	BBED 3103	Knowledge and Curriculum	3	1	0	4	4
4.	BBED 3104	Learning and Teaching	3	1	0	4	4
5.	BSPH 1102	Electrodynamics	3	1	0	4	4
6.	BSPH #####	Physics Lab	0	0	2	3	2
7.	BSBI #####	Zoology Lab**	0	0	1	2	2
8.	BSBI #####	Zoology**	1	2	0	3	3
9.	BSBI #####	Botany**	1	2	0	3	3
or							
7.	BSMA 1201	Group Theory**	3	1	0	4	4
8.	BSMA 2101	Fundamentals of MATLAB**	0	0	2	3	2
		TOTAL	14 or 15#	8 or 5#	4 or 5#	28 or 27#	28 or 26#

* 1 week Community Living Program

** Students have to choose between Mathematics or Biology. Biology Lab is only for those who will choose Biology subjects

Credits as per choosing of Biology subjects or Mathematics subjects respectively

B.Sc., B.Ed. Education – VI Semester

Sl.No	Course Code	Course Title	L	T	P	Contact Hrs / Wk	Credits
1.	BBED 3201	School Attachment Program*	#	#	#	#	2
2.	BBED 3204	Pedagogy of School Subject- II (Mathematics or Biology)	3	1	1	5	4
3.	BSPH 2303	Solid State Physics-I	3	1	0	4	4
4.	BSPH #####	Physics Lab	0	0	2	3	2
5.	BSMA 1111	Real Analysis**	3	1	0	4	4
6.	BSMA 1213	Ring Theory and Linear Algebra I	3	1	0	4	4
Or							
5.	BSBI #####	Botany Lab**	0	0	1	2	2
6.	BSBI#####	Zoology**	2	1	0	3	3
7.	BSBI#####	Zoology Lab**	0	0	1	2	2
		TOTAL	8 or 12#	3 or 4#	5 or 3#	19 or 20#	19 or 20#

* 1 week School Attachment Program

** Students have to choose between Mathematics or Biology. Biology Lab is only for those who will choose Biology subjects

Credits as per choosing of Biology subjects or Mathematics subjects respectively

B.Sc., B.Ed. Education – VII Semester

Sl.No	Course Code	Course Title	L	T	P	Contact Hrs / Wk	Credits
1.	BBED 3202	Health, Yoga, and Physical Education	1	0	2	3	2
2.	BBED 3203	Gender, School, and Society	2	1	0	3	3
3.	BBED 4101	Creating an Inclusive School	2	1	0	3	3
4.	BBED 4102	Assessment and Learning	3	1	0	4	4
5.	BBED 4103	Pedagogy of School Subject- I (Physics)	3	1	1	5	4
6.	BBED #####	Elective I	3	1	0	4	4
7.	BBED 4104	School Internship- I*	#	#	#	#	4
TOTAL			14	5	3	22	24

* 8 week School Internship program

B.Sc., B.Ed. Education – VIII Semester

Sl.No	Course Code	Course Title	L	T	P	Contact Hrs / Wk	Credits
1.	BBED 4201	Pedagogy of School Subject- II (Mathematics or Biology)	3	1	1	5	4
2.	BBED #####	Elective II	3	1	0	4	4
3.	BBED 4202	Project	#	#	#	#	6
4.	BBED 4203	School Internship- II*	#	#	#	#	6
TOTAL			6	2	1	9	20

* 10 week School Internship Program

List of Electives

Sl.No	Course Code	Course Title	L	T	P	Contact Hrs / Wk	Credits
1.	BBED 4111	Peace Education	4	0	0	4	4
2.	BBED 4112	Life Skills Education	4	0	0	4	4
3.	BBED 4113	Guidance and Counseling	4	0	0	4	4
4.	BBED 4114	Value Education	4	0	0	4	4
5.	BBED 4211	Health and Physical Education	4	0	0	4	4
6.	BBED 4212	Adult and Population Education	4	0	0	4	4
7.	BBED 4213	Education of the Marginalized Groups	4	0	0	4	4

Semester-wise Credit Load

S. No.	Semester	L	T	P	C
1.	Semester I	12	4	4	18
2.	Semester II	15	1	8	23
3.	Semester III	15	6	4	25
4.	Semester IV	12	5	4	24
5.	Semester V	14 or 15 [#]	8 or 5 [#]	4 or 5 [#]	28 or 26 [#]
6.	Semester VI	8 or 12 [#]	3 or 4 [#]	5 or 3 [#]	19 or 20 [#]
7.	Semester VII	14	5	3	24
8.	Semester VIII	6	2	1	20
Total		96 or 101 [#]	34 or 32 [#]	33 or 32 [#]	181 or 180 [#]

L, T, P, C as per the choice of Biology subjects or Mathematics subjects