



JOY UNIVERSITY  
semper paratus

---

## School of Arts and Natural Sciences

### Department of Sciences

#### B.Sc, B.Ed Biology – I Semester

Sl.No	Course Code	Course Title	L	T	P	Contact Hrs / Wk	Credits
1.	BSEB101	Zoology I	2	1	1	5	4
2.	BSEB102	Botany I	2	1	1	5	4
3.	BBED 1101	Basic Philosophical and Sociological Concepts in Education	1	0	0	5	3
4.	#####	Computer Fundamentals	1	1	1	5	3
5.	BBED 1102	Arts in Education- Performing Arts	1	0	0	5	3
6.	BAEN 1101	Effective communication	1	0	0	4	2
7.	BSEB1	Zoology Practical I	0	0	1	2	1
8.	BSEB2	Botany Practical I	0	0	1	2	1
		<b>TOTAL</b>	<b>6</b>	<b>3</b>	<b>5</b>	<b>33</b>	<b>21</b>

### B.Sc, B.Ed Biology – II Semester

Sl.No	Course Code	Course Title	L	T	P	Contact Hrs / Wk	Credits
1.	BSEB201	Zoology II	1	2	1	5	4
2.	BSEB202	Botany II	1	2	1	5	4
3.	BSEB###	DSE1	1	1	1	5	3
4.	BBED1201	Reading and reflecting on texts	1	0	1	5	2
5.	BBED1202	Understanding Discipline and Subjects	1	0	1	5	2
6.	BAGN1201	Environmental Studies	1	0	0	3	3
7.	BSEB3	Zoology Practical II	0	0	1	2	2
8.	BSEB4	Botany Practical II	0	0	1	2	2
		<b>TOTAL</b>	<b>6</b>	<b>5</b>	<b>7</b>	<b>32</b>	<b>22</b>

#### List of Discipline Specific Elective (DSE) for the Semester (Any one)

A-1 Educational Administration and Management

A-2 Guidance & Counselling

A-3 Environment Education

A-4 Computer Education

A-5 Health, Physical Education & Yoga

A-6 Life Style Management

### B.Sc, B.Ed Biology – III Semester

Sl.No	Course Code	Course Title	L	T	P	Contact Hrs / Wk	Credits
1.	BSEB301	Zoology III	1	2	1	5	4
2.	BSEB302	Botany III	1	2	1	5	4
3.	BSEB303	Applied biology	1	1	1	5	4
4.	BBED 2101	Language across curriculum	1	1	1	5	3
5.	BBED2202	Childhood & growing up	1	1	1	4	2
6.	BAPH 2141	Professional Ethics	1	0	0	4	2
7.	BSEB5	Zoology Practical III	0	0	1	2	2
8.	BSEB6	Botany Practical III	0	0	1	2	2
		<b>TOTAL</b>	<b>6</b>	<b>7</b>	<b>7</b>	<b>32</b>	<b>23</b>

### B.Sc, B.Ed Biology – IV Semester

Sl.No	Course Code	Course Title	L	T	P	Contact Hrs / Wk	Credits
1.	BSEB401	Zoology IV	1	2	1	5	4
2.	BSEB402	Botany IV	1	2	1	5	4
3.	BSEB7	Zoology Practical IV	1	1	1	5	2
4.	BSEB8	Botany Practical IV	1	1	1	5	2
5.	BSEB405	Chemistry	1	1	1	5	3
6.	BBED2201	Contemporary India and Education	1	1	0	4	4
7.	BBED2202	Understanding the Self	0	0	1	2	3
8.	BBED2203	School Exposure*	#	#	#	#	2
<b>TOTAL</b>			<b>6</b>	<b>6</b>	<b>6</b>	<b>30</b>	<b>24</b>

\* 2 week School Exposure Program

### B.Sc, B.Ed Biology – V Semester

Sl.No	Course Code	Course Title	L	T	P	Contact Hrs / Wk	Credits
1.	BBED 3101	Community Living Program*	0	0	0	0	2
2.	BBED3102	Pedagogy of School Subject-I (Biology)	1	2	1	5	4
3.	BBED3103	Knowledge and Curriculum	1	1	1	5	4
4.	BSEB501	Biology I	1	1	1	5	4
5.	BSEB9	Biology lab I	0	0	1	5	2
6.	BBED3104	Learning and Teaching	0	0	1	2	3
7.	BSEB10	Seminar I	0	0	1	2	2
8.	BSEB502	Teaching technology	1	1	0	2	3
<b>TOTAL</b>			<b>4</b>	<b>5</b>	<b>6</b>	<b>26</b>	<b>24</b>

\* 1 week Community Living Program

### B.Sc, B.Ed Biology – VI Semester

Sl.No	Course Code	Course Title	L	T	P	Contact Hrs / Wk	Credits
1.	BBED3201	School Attachment Program*	0	0	0	0	2
2.	BBED3202	Health, Yoga, and Physical Education	1	1	1	5	3
3.	BBED3203	Gender, School, and Society	1	1	1	5	4
4.	BSEB601	Biology II	1	2	1	5	4
5.	BSEB10	Biology lab II	1	1	1	5	2
6.	BSMA##	Real Analysis	0	0	1	2	2
7.	BSEB11	Seminar II	0	0	1	2	2
		<b>TOTAL</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>24</b>	<b>19</b>

\* 1 week School Attachment Program

### B.Sc, B.Ed Biology – VII Semester

Sl.No	Course Code	Course Title	L	T	P	Contact Hrs / Wk	Credits
1.	BBED4101	Creating an Inclusive Schools	1	2	1	4	3
2.	BBED4102	Assessment and Learning	1	2	1	4	4
3.	BSEB701	Biochemistry	1	1	1	5	4
4.	BBED#	Elective1	1	1	1	5	4
5.	BBED4104	School Internship- I*	#	#	#	#	4
		<b>TOTAL</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>18</b>	<b>19</b>

\* 8 week School Internship program

### B.Sc, B.Ed Biology – VIII Semester

Sl.No	Course Code	Course Title	L	T	P	Contact Hrs / Wk	Credits
1.	BSEB801	Biology III	1	2	1	5	3
2.	BBED###	Elective II	1	2	1	5	3
3.	BBED4202	Project	1	1	1	5	4
4.	BBED4203	School Internship- II*	1	1	1	5	4
		<b>TOTAL</b>	<b>4</b>	<b>6</b>	<b>4</b>	<b>29</b>	<b>19</b>

## 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	Credits
1	I	6	3	5	21
2	II	6	5	7	22
3	III	6	7	7	23
4	IV	6	6	6	24
5	V	4	5	6	24
6	VI	4	5	6	19
7	VII	4	4	4	19
8	VIII	4	6	4	19
	<b>Total</b>	<b>40</b>	<b>41</b>	<b>45</b>	<b>171</b>