



INSTITUTE OF BIOSCIENCES & TECHNOLOGY

COURSE LAY OUT FOR GRADUATE DEGREE PROGRAM

UG Programs: B.Sc. (Hons.)

(Biotechnology, Bioinformatics, Microbiology, Food technology and Processing & Food Nutrition Dietetics)

Summary of Credit Load Layout

Sr. No.	Courses	Credits	Credits (%)
1.	Major Courses		
a.	Core Courses	74	43
b.	BRP (Micro, Mini, Major, Big Idea)	34	20
c.	Seminar (Subject Based Seminar: III, IV & V & Research Paper Based Seminar VI, VII & VIII)	06	3.4
d.	Academic Tutorial	12	6.97
	Total Major courses Credits	126	73.25
2	Minor Courses	34	19.76
3	Supportive Courses		
a.	Open Elective Courses	09	5.23
b.	Certificate Language Courses [only one Foreign Language (Chinese, Japanese, German, French)]	03	1.74
	Total Supportive Courses Credits	12	6.97
	Total Credits	172	100
4	Audit (Non Credit Courses)	11	-
	Grand Total Credits	183	-

*BRP: Bachelors Research Program

Credit Load Layout

Semester	Course credit details							Total	Audit (NC)	Grand Total Credits
	Major				Minor	Supportive				
	Core	BRP	Seminar	Academic Tutorial		OEC	Certificate			
I	11	2	0	2	5	0	0	20	5	25
II	13	2	0	2	5	0	0	22	2	24
III	11	3	1	2	6	0	0	23	4	27
IV	12	3	1	2	5	0	0	23	0	23
V	11	3	1	2	2	0	3	22	0	22
VI	11	3	1	2	5	2	0	24	0	24
VII	5	7	1	0	6	3	0	22	0	22
VIII	0	11	1	0	0	4	0	16	0	16
Total Credits	74	34	6	12	34	9	3	172	11	183

*Subject Based Seminar: IV & V & Research Paper Based Seminar: VI, VII & VIII, *Supportive Certificate Course: Choose Two Foreign Languages (Chinese, Japanese, German, French)

Justification of the Supportive course (OEC and Certificate course):

- Open Elective Course (OEC):** Compulsory courses for semester VI, VII & VIII.
- Certificate Course** Choose only one Foreign Languages (Chinese, Japanese, German, French etc.) in V Semester. The Certificate course should be of 45 hours / Semester. It should be mentioned in Course layout. It is compulsory course during the degree program.

Justification of the BRP (Bachelors Research Program): its research theme throughout the UG degree program i.e. Micro projects, Mini projects, Major projects, Big Idea projects (I to VIII). The details mentioned in course layout