



BRAINWARE UNIVERSITY
SCHOOL OF MEDICAL & ALLIED HEALTH SCIENCES
DEPARTMENT OF FOOD & NUTRITION
BACHELOR OF SCIENCE in FOOD NUTRITION & DIETETICS /
BACHELOR OF SCIENCE (HONOURS) in FOOD NUTRITION & DIETETICS - 2023

SEMESTER – I

Sl. No.	Course Code	Course	L	T	P	Evaluation Scheme		Total	Credits	Course Type
						CIE	ESE			
1	BFD10101	Food Science	3	0	0	40	60	100	3	Major
2	BFD19102	Food Science Lab	0	0	2	40	60	100	1	Major
3	BFD10103	Human Physiology I	3	0	0	40	60	100	3	Major
4	BFD19104	Human Physiology I Lab	0	0	2	40	60	100	1	Major
5	BFD10001	Holistic Health and Happiness	3	0	0	40	60	100	3	IC
6	AEC00005	Functional English	2	0	0	40	60	100	2	AEC
7	BFD10002	Soft Skills	3	0	0	40	60	100	3	SEC
8	VAC00006	Environmental Studies	2	0	0	40	60	100	2	VAC
9	VAC09016	Yoga	0	0	4	40	60	100	2	VAC
TOTAL			16	0	8	360	540	900	20	

SEMESTER – II

Sl. No.	Course Code	Course	L	T	P	Evaluation Scheme		Total	Credits	Course Type
						CIE	ESE			
1	BFD20105	Human Physiology II	3	0	0	40	60	100	3	Major
2	BFD29106	Human Physiology II Lab	0	0	2	40	60	100	1	Major
3	BFD20107	Nutrition through Life Span	4	0	0	40	60	100	4	Major
4	BFD20001	General Microbiology	3	0	0	40	60	100	3	IC
5	AEC00002	Communicative English	2	0	0	40	60	100	2	AEC
6	BFD20002	Mushroom Cultivation	3	0	0	40	60	100	3	SEC
7	VAC00007	Human Value and Ethics	2	0	0	40	60	100	2	VAC
8	VAC00005	Digitalization and its Impact	2	0	0	40	60	100	2	VAC
TOTAL			19	0	2	320	480	800	20	



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SEMESTER – III

Sl. No.	Course Code	Course	L	T	P	Evaluation Scheme		Total	Credits	Course Type
						CIE	ESE			
1	BFD30108	Food Commodities	4	0	0	40	60	100	4	Major
2	BFD39109	Food Commodities Lab	0	0	4	40	60	100	2	Major
3	BFD30110	Nutritional Biochemistry- I	4	0	0	40	60	100	4	Major
4	BFD39111	Nutritional Biochemistry – I Lab	0	0	4	40	60	100	2	Major
5	BFD30001	Indian Health Sciences	3	0	0	40	60	100	3	IC
6	AEC09001	Communicative English Lab	0	0	4	40	60	100	2	AEC
7	BFD30002	Human Development	3	0	0	40	60	100	3	SEC
TOTAL			14	0	12	280	420	700	20	

SEMESTER – IV

Sl. No.	Course Code	Course	L	T	P	Evaluation Scheme		TOTAL	CREDITS	COURSE TYPE
						CIE	ESE			
1	BFD47112	Therapeutic Nutrition	2	0	4	40	60	100	4	Major
2	BFD47113	Nutritional Biochemistry- II	3	0	2	40	60	100	4	Major
3	BFD40114	Functional Food and Nutraceuticals	2	0	0	40	60	100	2	Major
4	BFD40201	Indian Agriculture	4	0	0	40	60	100	4	Minor
5	BFD40202	Childhood Disability and Social Action	4	0	0	40	60	100	4	Minor
6	AEC00006	Modern Indian Language A. Hindi B. Bengali C. Alternative English D. MOOC	2	0	0	40	60	100	2	AEC
TOTAL			17	0	6	240	360	600	20	

*MOOC/Equivalent MOOC approved by BoS Chair (Evaluation scheme as per Blended Learning and MOOCs Policy)



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SEMESTER – V

Sl. No.	Course Code	Course	L	T	P	Evaluation Scheme		Total	Credits	Course Type
						CIE	ESE			
1	BFD57115	Nutrition Therapy	2	0	4	40	60	100	4	Major
2	BFD57116	Community Nutrition	2	0	4	40	60	100	4	Major
3	BFD50117	Nutrition in Critical Care	2	0	0	40	60	100	2	Major
4	BFD50203	Sports Nutrition	4	0	0	40	60	100	4	Minor
5	BFD50204	Human Behavior and Family Management	4	0	0	40	60	100	4	Minor
6	BFD58001	Internship/Project	0	0	0	0/40	100/60	100	2	IAPC
TOTAL			14	0	8	200/240	400/360	600	20	

SEMESTER – VI

Sl. No.	Course Code	Course	L	T	P	Evaluation Scheme		Total	Credits	Course Type
						CIE	ESE			
1	BFD67118	Food Processing, Preservation and Quality Control	4	0	4	40	60	100	6	Major
2	BFD67119	Public Health	4	0	4	40	60	100	6	Major
3	BFD60205	Dietetic Education on Diabetes	4	0	0	40	60	100	4	Minor
4	BFD60206	Food Service Management	4	0	0	40	60	100	4	Minor
TOTAL			16	0	8	160	240	400	20	



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SEMESTER – VII (Honours)

Sl. No.	Course Code	Course	L	T	P	Evaluation Scheme		Total	Credits	Course Type
						CIE	ESE			
1	BFD77120	Food Microbiology	4	0	4	40	60	100	6	Major
2	BFD70121	Spices, Condiments and their Health Effects	2	0	0	40	60	100	2	Major
3	BFD70122	Dietetic Education on Oncology	4	0	0	40	60	100	4	Major
4	BFD77123	Product Development and Sensory Evaluation	2	0	4	40	60	100	4	Major
5	BFD70207	Pediatric Nutrition	4	0	0	40	60	100	4	Minor
TOTAL			16	0	8	200	300	500	20	

SEMESTER – VIII (Honours)

Sl. No.	Course Code	Course	L	T	P	Evaluation Scheme		Total	Credits	Course Type
						CIE	ESE			
1	BFD87124H	Dairy Technology	4	0	4	40	60	100	6	Major
2	BFD80125H	Food Laws, Standards and Food Audits	2	0	0	40	60	100	2	Major
3	BFD80126H	Community Extension Education	4	0	0	40	60	100	4	Major
4	BFD80127H	Diet Counselling and Patient Care	4	0	0	40	60	100	4	Major
5	BFD80208H	Inborn Error of Metabolism and their Dietary Management	4	0	0	40	60	100	4	Minor
TOTAL			18	0	4	200	300	500	20	