Curriculum Outline

Bachelor of Nutrition and Dietetics (Honors) [4-years program]

Proposed Credit Hours

Year	Semester	Theory Hours	Practical Hours	Hours Per semester
1	1	240	180	420
1	2	210	240	450
2	3	255	150	405
2	4	270	120	390
3	5	210	240	450
3	6	135	330	465
4	7	165	330	495
4	8	0	660	660
Total Credit Hours		**1485**	**2250**	**3735**

Credit details:

One credit implies one hour of lecture per week or two hours of laboratory/practical per week or two hours of clinics per week or two hours of Research projects per week

A semester is considered to have 15 weeks. For example,

1 credit course = 15 hours of lectures per semester

3 credits course = 45 hours of lectures per semester

0.5 credit course = 15 hours of practical/laboratory.

CL	CP	L	P
1	**1**	**15**	**60**

CL: Credit for Lecture

CP: Credit for Practical

L: Hours for Lecture

P: Hours for Practical

Curriculum mapping & Credit Management

First Semester

Course code	Course Titles	Credits			Hours /Semester		
		Theory	**Practical**	**Total**	**Theory**	**Practical**	**Total**
BND 101	Fundamentals of Nutrition	3	1	4	45	30	75
BND 102	Human Anatomy and Physiology	3	1	4	45	30	75
BND 103	Basics of Food Science	3	1	4	45	30	75
BND 104	Environmental Science	3	1	4	45	30	75
BND 105	Indian Knowledge System on Foods	2	0	2	30	0	30
BND 106	Computer literacy	0	2	2	0	60	60
BND 107	English for Communication	2	0	2	30	0	30
TOTAL		**16**	**6**	**22**	**240**	**180**	**420**

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Second Semester

Course code	Course Titles	Credits			Hours /Semester (15 weeks)		
		Theory	Practical	Total	Theory	Practical	Total
BND 201	Food Microbiology	3	1	4	45	30	75
BND 202	Fundamentals of Biochemistry	3	1	4	45	30	75
BND 203	Nutrition Through Life Cycle	2	2	4	30	60	90
BND 204	Psychology and Sociology Applied to Health Care	4	0	4	60	0	60
BND 205	Techniques of Nutritional Assessment	0	2	2	0	60	60
BND 206	Soft Skills and Communication	2	0	2	30	0	30
BND 207	Computer Literacy for Nutrition	0	2	2	0	60	60
TOTAL		**14**	**8**	**22**	**210**	**240**	**450**

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Third Semester

Course code	Course Titles	Credits			Hours /Semester (15 weeks)		
		Theory	Practical	Theory	Theory	Practical	Total
BND 301	Macronutrients in Human Nutrition	4	0	4	60	0	60
BND 302	Advanced Food Science	3	1	4	45	30	75
BND 303	Public Health Nutrition	3	1	4	45	30	75
BND 304	Basics of Medical Nutrition Therapy (Theory and Practical)	2	2	4	30	60	90
BND 305	Advanced Biochemistry	3	0	3	45	0	45
BND 306	Food Processing and Preservation	2	1	3	30	30	60
TOTAL		**17**	**5**	**22**	**255**	**150**	**405**

Fourth Semester

Course code	Course Titles	Credits			Hours /Semester (15 weeks)		
		Theory	Practical	Total	Theory	Practical	Total
BND-401	Clinical Biochemistry and Pathophysiology	3	1	4	45	30	75
BND-402	National Health and Nutrition Programs and Policies	3	1	4	45	30	75
BND-403	Micronutrients in Human Nutrition	4	0	4	60	0	60
BND-404	Functional Foods and Nutraceuticals	3	1	4	45	30	75
BND-405	Advanced Dietetics	3	1	4	45	30	75
BND-406	Food Safety and Standards	2	0	2	30	0	30
TOTAL		**18**	**4**	**22**	**270**	**120**	**390**

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Fifth Semester

Course code	Course Titles	Credits			Hours /Semester (15 weeks)		
		Theory	Practical	Total	Theory	Practical	Total
BND-501	Research Methodology and Statistics	4	0	4	60	0	60
BND-502	Sports Nutrition	2	2	4	30	60	90
BND-503	Tools and Techniques for Nutrition Counselling	1	3	4	15	90	105
BND-504	Nutritional Epidemiology and Anthropology	3	1	4	45	30	75
BND-505	Food Analysis	2	2	4	30	60	90
BND-506	Emerging concepts in Nutrition and Dietetics	2	0	2	30	0	30
TOTAL		**14**	**8**	**8**	**210**	**240**	**450**

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Sixth Semester

Course code	Course Titles	Credits			Hours /Semester (15 weeks)		
		Theory	Practical	Total	Theory	Practical	Total
BND-601	Social Behaviour Change Communication/ Nutrition Health Promotion	3	1	4	45	30	75
BND-602	Sustainable Food Systems	3	1	4	45	30	75
BND-603	Field Practice in Public Health and Nutrition	1	3	4	15	90	105
BND-604	Food Product Development	2	4	6	30	90	120
BND-605	Case study Reviews	0	4	4	0	90	90
TOTAL		**9**	**13**	**22**	**135**	**330**	**465**

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Seventh Semester

Course code	Course Titles	Credits			Hours /Semester (15 weeks)		
		Theory	Practical	Total	Theory	Practical	Total
BND-701	Information Technology in Nutrition and Dietetics	2	2	4	30	60	90
BND-702	Entrepreneurship in Nutrition and Dietetics	3	1	4	45	30	75
BND-703	Nutrition in Critically ill	2	2	4	30	60	90
BND-704	Management and Administration in Dietetics Services	2	2	4	30	60	90
BND-705	Nutrition in Emergencies	2	0	2	30	0	30
BND-706	Applied Dietetics/Internship Project	0	4	4	0	120	120
TOTAL		10	5	22	165	330	495

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Eighth Semester

Course code	Course Titles	Credits			Hours /Semester (15 weeks)		
		Theory	Practical	Total	Theory	Practical	Total
BND-801	Internship in Hospital /Experiential Learning (6 months) 1 semester	0	14	14	0	420	420
BND-802	Research and Trends in Nutrition and Dietetics	0	4	4	0	120	120
BND-803	Scientific Writing in Nutrition and Dietetics	0	4	4	0	120	120
TOTAL		0	22	22	0	660	660

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