

**B.SC CLINICAL NUTRITION**  
**CURRICULUM - SEMESTER PATTERN 2025-2026**

S. No.	Course Category	Course Type	Course Code	Course Title	L	T	P	C	S	TCH / week	Total hours
<b>SEMESTER - I</b>											
1	PC	TP	BND101	Fundamentals of Nutrition	3	0	2	4	0	5	75
2	BMS	TP	BND102	Human Anatomy and Physiology	3	0	2	4	0	5	75
3	PC	TP	BND103	Basics of Food Science	3	0	2	4	0	5	75
4	VA	TP	BND104	Environmental Science	3	0	2	4	0	5	75
5	PC	TH	BND105	Indian Knowledge System on Foods	2	0	0	2	0	2	30
6	BS	PR	BND106	Computer literacy	0	0	4	2	0	4	60
7	HS	TH	BND107	English for Communication	2	0	0	2	0	2	30
<b>TOTAL</b>					<b>16</b>	<b>0</b>	<b>12</b>	<b>22</b>	<b>0</b>	<b>28</b>	<b>420</b>

L-Lecture, T- Tutorial, P- Practical, C- Credits, S- Self study, TCH- Total Contact Hours

S. No.	Course Category	Course Type	Course Code	Course Title	L	T	P	C	S	TCH /week	Total hours
<b>SEMESTER - II</b>											
1	PC	TP	BND201	Food Microbiology	3	0	2	4	0	5	75
2	BMS	TP	BND202	Fundamentals of Biochemistry	3	0	2	4	0	5	75
3	PC	TP	BND203	Nutrition Through Life Cycle	2	0	4	4	0	6	90
4	PC	TH	BND204	Psychology and Sociology Appliedto Health Care	4	0	0	4	0	4	60
5	PC	PR	BND205	Techniques of Nutritional Assessment	0	0	4	2	0	4	60
6	HS	TH	BND206	Soft Skills and Communication	2	0	0	2	0	2	30
7	BS	PR	BND207	Computer Literacy for Nutrition	0	0	4	2	0	4	60
<b>TOTAL</b>					<b>14</b>	<b>0</b>	<b>16</b>	<b>22</b>	<b>0</b>	<b>30</b>	<b>450</b>

L-Lecture, T- Tutorial, P- Practical, C- Credits, S- Self study, TCH- Total Contact Hours

S. No.	Course Category	Course Type	Course Code	Course Title	L	T	P	C	S	TCH /week	Total hours
<b>SEMESTER - III</b>											
1	PC	TH	BND301	Macronutrients in Human Nutrition	4	0	0	4	0	4	60
2	PC	TP	BND302	Advanced Food Science	3	0	2	4	0	5	75
3	PC	TP	BND303	Public Health Nutrition	3	0	2	4	0	5	75
4	PC	TP	BND304	Basics of Medical Nutrition Therapy (Theory and Practical)	2	0	4	4	0	6	90
5	PC	TH	BND305	Advanced Biochemistry	3	0	0	3	0	3	45
6	PC	TP	BND306	Food Processing and Preservation	2	0	2	3	0	4	60
<b>TOTAL</b>					<b>17</b>	<b>0</b>	<b>10</b>	<b>22</b>	<b>0</b>	<b>27</b>	<b>405</b>

L-Lecture, T- Tutorial, P- Practical, C- Credits, S- Self study, TCH- Total Contact Hours

S. No.	Course Category	Course Type	Course Code	Course Title	L	T	P	C	S	TCH /week	Total hours
<b>SEMESTER - IV</b>											
1	PC	TP	BND401	Clinical Biochemistry and Pathophysiology	3	0	2	4	0	5	75
2	PC	TP	BND402	National Health and Nutrition Programs and Policies	3	0	2	4	0	5	75
3	PC	TH	BND403	Micronutrients in Human Nutrition	4	0	0	4	0	4	60
4	PC	TP	BND404	Functional Foods and Nutraceuticals	3	0	2	4	0	5	75
5	PC	TP	BND405	Advanced Dietetics	3	0	2	4	0	5	75
6	PC	TH	BND406	Food Safety and Standards	2	0	0	2	0	2	30
<b>TOTAL</b>					<b>18</b>	<b>0</b>	<b>8</b>	<b>22</b>	<b>0</b>	<b>26</b>	<b>390</b>
L-Lecture, T- Tutorial, P- Practical, C- Credits, S- Self study, TCH- Total Contact Hours											
<b>SEMESTER - V</b>											
1	BS	TH	BND501	Research Methodology and Statistics	4	0	0	4	0	4	60
2	PC	TP	BND502	Sports Nutrition	2	0	4	4	0	6	90
3	PC	TP	BND503	Tools and Techniques for Nutrition Counselling	1	0	6	4	0	7	105
4	PC	TP	BND504	Nutritional Epidemiology and Anthropology	3	0	2	4	0	5	75
5	PC	TP	BND505	Food Analysis	2	0	4	4	0	6	90
6	PC	TH	BND506	Emerging concepts in Nutrition and Dietetics	2	0	0	2	0	2	30
<b>TOTAL</b>					<b>14</b>	<b>0</b>	<b>16</b>	<b>22</b>	<b>0</b>	<b>30</b>	<b>450</b>
L-Lecture, T- Tutorial, P- Practical, C- Credits, S- Self study, TCH- Total Contact Hours											
<b>SEMESTER - VI</b>											
1	PC	TP	BND601	Social Behaviour Change Communication /Nutrition Health Promotion	3	0	2	4	0	5	75
2	PC	TP	BND602	Sustainable Food Systems	3	0	2	4	0	5	75
3	PC	TP	BND603	Field Practice in Public Health and Nutrition	1	0	6	4	0	7	105
4	PC	TP	BND604	Food Product Development	4	0	4	6	0	8	120
5	PC	PR	BND605	Case study Reviews	0	0	8	4	0	8	120
<b>TOTAL</b>					<b>11</b>	<b>0</b>	<b>22</b>	<b>22</b>	<b>0</b>	<b>33</b>	<b>495</b>
L-Lecture, T- Tutorial, P- Practical, C- Credits, S- Self study, TCH- Total Contact Hours											
<b>SEMESTER - VII</b>											
1	PC	TP	BND701	Information Technology in Nutrition and Dietetics	2	0	4	4	0	6	90
2	PC	TP	BND702	Entrepreneurship in Nutrition and Dietetics	3	0	2	4	0	5	75
3	PC	TP	BND703	Nutrition in Critically ill	2	0	4	4	0	6	90
4	PC	TP	BND704	Management and Administration in Dietetics Services	2	0	4	4	0	6	90
5	PC	TH	BND705	Nutrition in Emergencies	2	0	0	2	0	2	30
6	PC	PR	BND706	Applied Dietetics/Intern ship Project	0	0	8	4	0	8	120
<b>TOTAL</b>					<b>11</b>	<b>0</b>	<b>22</b>	<b>22</b>	<b>0</b>	<b>33</b>	<b>495</b>
L-Lecture, T- Tutorial, P- Practical, C- Credits, S- Self study, TCH- Total Contact Hours											

S. No.	Course Category	Course Type	Course Code	Course Title	L	T	P	C	S	TCH /week	Total hours
<b>SEMESTER - VIII</b>											
1	IN	PR	BND801	Internship in Hospital/Experiential Learning (6 months)	0	0	28	14	0	28	420
2	PC	PR	BND802	Research and Trends in Nutrition and Dietetics	0	0	8	4	0	8	120
3	PC	PR	BND803	Scientific Writing in Nutrition and Dietetics	0	0	8	4	0	8	120
<b>TOTAL</b>					<b>0</b>	<b>0</b>	<b>44</b>	<b>22</b>	<b>0</b>	<b>44</b>	<b>660</b>
L-Lecture, T- Tutorial, P- Practical, C- Credits, S- Self study, TCH- Total Contact Hours											

<b>TOTAL CREDITS FOR FOUR YEAR PROGRAMME</b>					
<b>S. No.</b>	<b>Semester</b>	<b>No. of Credits</b>	<b>COURSE TYPE</b>		<b>No. of Credits</b>
1	I	22	Theory with Practical	TP	109
2	II	22	Theory	TH	31
3	III	22	Practical	PR	36
4	IV	22	<b>TOTAL</b>		<b>176</b>
5	V	22			
6	VI	22			
7	VII	22			
8	VIII	22			
<b>TOTAL</b>		<b>176</b>			
<b>COURSE CATEGORY</b>					<b>No. of Credits</b>
BMS	Basic Medical Science				8
VA	Value Added				4
HS	Humanities & Social Science				4
BS	Basic Science				8
PC	Professional Course				138
IN	Internship				14
<b>TOTAL</b>					<b>176</b>

HITS-IMAX Coordinator

Dean SoHS

Director - IQAC

Dean Academics

Vice Chancellor