

Bachelor of Science (Nutrition and Dietetics)													
Semester I							Semester II						
	Course Code	Course Name	L	T	P	Cr		Course Code	Course Name	L	T	P	Cr
	BND-DS-101	Basics of Food and Nutrition	4	0	0	4		CH-202B	Environmental Studies	3	0	0	3
	BND-DS-151	Basics of Food and Nutrition(Practical)	0	0	2	1		BND-DS-201	Biochemistry and Metabolism	3	0	0	3
	BND-DS-102	Fundamentals of Biochemistry	4	0	0	4		BND-DS-251	Biochemistry and Metabolism (Practical)	0	0	2	1
	BND-DS-152	Fundamentals of Biochemistry (Practical)	0	0	2	1		BND-DS-202	Nutrition: A Life cycle approach	3	0	0	3
	BND-DS-103	Human Anatomy and Physiology-I	4	0	0	4		BND-DS-252	Nutrition: A Life cycle approach (Practical)	0	0	2	1
	BND-DS-153	Human Anatomy and Physiology-I (Practical)	0	0	2	1		BND-DS-203	Human Anatomy and Physiology-II	3	0	0	3
	BND-DS-104	Health, Food Hygiene & Sanitation	2	0	0	2		BND-DS-253	Human Anatomy and Physiology-II (Practical)	0	0	2	1
	BND-DS-105	Life span Development						BND-DS-204	Food and Nutrition Labeling	2	0	0	2
	BND-DS-106	Communication and Extension Education						BND-DS-205	Food Laws & Regulation				
	BND-DS-154	Health, Food Hygiene & Sanitation(Practical)	0	0	2	1		BND-DS-254	Food and Nutrition Labeling(Practical)	0	0	2	1
	BND-DS-155	Life span Development (Practical)						BND-DS-255	Food Laws & Regulation (Practical)				
	BND-DS-156	Communication and Extension Education (Practical)											
	Total (Credits)		18					Total (Credits)		19			
								BND-201*	Manav Rachna Life Sills-I	Audit Pass			
Semester III							Semester IV						
	Course Code	Course Name	L	T	P	Cr		Course Code	Course Name	L	T	P	Cr
	BND-DS-301	Fundamentals of Food Science	3	0	0	3		BND-DS-401	Therapeutic and Clinical Nutrition	4	0	0	4
	BND-DS-351	Fundamentals of Food Science (Practical)	0	0	2	1		BND-DS-451	Therapeutic and Clinical Nutrition (Practical)	0	0	2	1
	BND-DS-302	Community Health Nutrition	3	0	0	3		BND-DS-402	Institutional Catering Management	2	0	0	2
	BND-DS-352	Community Health Nutrition(Practical)	0	0	2	1		BND-DS-452	Institutional Catering Management (Practical)	0	0	2	1
	BND-DS-303	Health, Fitness and Sports Nutrition	3	0	0	3		BND-DS-403	Instrumentation for Food Analysis	2	0	0	2
	BND-DS-353	Health, Fitness and Sports Nutrition (Practical)	0	0	2	1		BND-DS-453	Instrumentation for Food Analysis (Practical)	0	0	2	1
	RIC -300	Research and Innovation Catalyst-I		0	1	0,5		RIC -400	Research and Innovation Catalyst-II	0	0	1	0.5.

Master of Science (Nutrition and Dietetics) with specialization in Clinical Nutrition/Public Health Nutrition/Sports Nutrition/Food Science and Technology

Semester I							Semester II						
Course Code	Course Name	L	T	P	C r		Course Code	Course Name	L	T	P	C r	
MND-DS--101	Nutritional Biochemistry	3	0	0	3		MND-DS-201	Statistical Methods for Applied Sciences	3	0	0	3	
MND-DS--151	Nutritional Biochemistry (Practical)	0	0	2	1		MND-DS-202	Techniques in Food Analysis	3	0	0	3	
MND-DS--102	Human Physiology	3	0	0	3		MND-DS-252	Techniques in Food Analysis (Practical)	0	0	2	1	
MND-DS--152	Human Physiology (Practical)	0	0	2	1		MND-DS-203	Institutional Food Service Management	3	0	0	3	
MND-DS--103	Human Nutrition Requirement	4	0	0	4		MND-DS-253	Institutional Food Service Management (Practical)	0	0	2	1	
MND-DS--153	Human Nutrition Requirement (Practical)	0	0	2	1		MND-DS-204	Nutrition in Health and Disease	3	0	0	3	
MND-DS--104	Food Science & Processing Technology	3	0	0	3		MND-DS-254	Nutrition in Health and Disease (Practical)	0	0	2	1	
MND-DS--154	Food Science & Processing Technology(Practical)	0	0	2	1		MND-DS-205	Neutraceutical and Functional Foods	2	0	0	2	
							MND-DS-206	Nutrition for elderly					
							MND-DS-255	Neutraceutical and Functional Foods (Practical)	0	0	2	1	
							MND-DS-256	Nutrition for Elderly (Practical)					
Total (Credits)		17					Total (Credits)		18				
MND-DS-105**	Healthcare Management	2	0	0	2		MND-201* Manav Rachna Life Skills -I		Audit Pass				

							MND-DS-207**	Scientific Writing and Communication Skills	2	0	0	2
Semester III							Semester IV					
	Course Code	Course Name	L	T	P	C r	Course Code	Course Name	L	T	P	C r
	MNDC/P/S/F-DS-301	Advanced Clinical Nutrition/Food and Nutrition Security/Exercise Physiology & Metabolism/Advanced Food Science & Chemistry	4	0	0	4	MNDC/P/S/F-DS 401	Nutrition in Emergency/Public Health and Malnutrition/Recent Trends in Sports Nutrition/Food Processing and Microbiology	4	0	0	4
	MNDC/P/S/F-DS-351	Advanced Clinical Nutrition/Food and Nutrition Security/Exercise Physiology & Metabolism/Advanced Food Science & Chemistry (practical)	0	0	2	1	MND-DS--451	Dissertation	0	0	12	6
	MNDC/P/S/F-DS-302	Nutrition in Intensive Care/Health Promotion and Nutrition communication/Sports Specific Nutrition/Biotechnology of Food	4	0	0	4						
	MNDC/P/S/F-DS-352	Nutrition in Intensive Care/Health Promotion and Nutrition communication/Sports Specific Nutrition/Biotechn	0	0	2	1						

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BSc (H.) Food Science and Technology													
SEMESTER I								SEMESTER II					
SEMESTER I	Cour se Code	Course title	L	T	P	C r	SEMESTER II	Cour se Code	Course title	L	T	P	C r
	BFST-101	Communica tion Skills	2	0	0	2		CH-202B	Environme ntal Science	4	0	0	4
	BFST-DS-101	Mathematic s	4	0	0	4		BFST-DS-201	Technolog y of Cereals, Pulses and Oilseeds	4	0	0	4
	BFST-DS-102	Life Sciences						BFST-DS-251	Technolog y of Cereals, Pulses and Oilseeds (Practical)	0	0	2	1
	BFST-DS-103	Principles of Food Science & Technology	4	0	0	4		BFST-DS-202	Technolog y of Milk and milk products	4	0	0	4
	BFST-DS-153	Principles of Food Science & Technology (Practical)	0	0	2	1		BFST-DS-252	Technolog y of Milk and milk products (Practical)	0	0	2	1
	BFST-DS-104	Principles of Food processing & Preservatio n	4	0	0	4		BFST-DS-203	Food and Nutrition	4	0	0	4
	BFST-DS-154	Principles of Food processing & Preservatio n (Practical)	0	0	2	1		BFST-DS-253	Food and Nutrition (Practical)	0	0	2	1
	TOTAL		16					TOTAL		19			
								BFST-DS-204	Food Laws & Regulation s	2	0	0	2
								BFST-DS-205	Enzymes in Food Processing	2	0	0	2

SEMESTER III							SEMESTER IV						
SEMESTER III	Cour se Code	Course title	L	T	P	C r	SEMESTER IV	Cour se Code	Course title	L	T	P	C r
	BFST-DS-301	Technology of Fruits & Vegetables	4	0	0	4		BFST-402	Biostatistics & Research Methodology	3	0	0	3
	BFST-DS-351	Technology of Fruits & Vegetables (Practical)	0	0	4	2		BFST-DS-401	Food Chemistry -II	4	0	0	4
	BFST-DS-302	Food Microbiology and Food Safety	4	0	0	4		BFST-DS-451	Food Chemistry -II (Practical)	0	0	4	2
	BFST-DS-352	Food Microbiology and Food Safety (Practical)	0	0	2	1		BFST-DS-402	Food Packaging Technology	4	0	0	4
	BFST-DS-303	Food Chemistry-I	4	0	0	4		BFST-DS-452	Food Packaging Technology (Practical)	0	0	2	1
	BFST-DS-353	Food Chemistry-I (Practical)	0	0	2	1		BFST-DS-403	Food Quality Evaluation & Management	4	0	0	4
	RIC -300	Research and Innovation Catalyst-I	0	0	1	0.5		BFST-DS-453	Food Quality Evaluation & Management (Practical)	0	0	4	2
	BFST-DS-354	Bakery & Confectionery Technology (Practical)	0	0	4	2		RIC -400	Research and Innovation Catalyst-II	0	0	1	0.5
	BFST-DS-355	Food Product Development (Practical)											
	TOTAL		18.5					TOTAL		20.5			

	BFST-DS-306	Technology of Spices, Herbs & Plantation Crops	2	0	0	2		BFST-DS-404	Scientific Writing in Agricultural Sciences	2	0	0	2
	BFST-DS-307	Food Plant Hygiene, Sanitation & Waste Management	2	0	0	2		BFST-DS-405	Food Beverages	2	0	0	2
SEMESTER V							SEMESTER VI						
SEMESTER IV	Course Code	Course title	L	T	P	C r	SEMESTER VI	Course Code	Course title	L	T	P	C r
	BFST-DS-501	Instrumentation & Analytical Techniques	4	0	0	4		BFST-DS-601	Fundamentals of Food Engineering	4	0	0	4
	BFST-DS-551	Instrumentation & Analytical Techniques (Practical)	0	0	4	2		BFST-DS-651	Fundamentals of Food Engineering (Practical)	0	0	4	2
	BFST-DS-502	Technology of Meat, Seafood, Poultry and Honey	4	0	0	4		BFST-DS-652	Research Project	0	0	12	6
	BFST-DS-552	Technology of Meat, Seafood, Poultry and Honey (Practical)	0	0	2	1		TOTAL		12			
	BFST-DS-553	Industrial Training	0	0	-	10		BFST-DS-603	Nutraceuticals & Functional Foods	2	0	0	2
	RIC - 500	Research and Innovation Catalyst-III	0	0	2	1		BFST-DS-604	Food Biotechnology	2	0	0	2
	Total		22										
	BFST-DS-504	Emerging Food Processing Technologies	2	0	0	2							

	BFST -DS- 505	Food Plant Equipment & Process Design	2	0	0	2							
Manva Rachna Skills will be offered in IInd, IV and VIth semetser and is an audit pass course													