

Revised Scheme 2026-27

Scheme of Teaching, Learning, Examination & Evaluation leading to Two Years PG Degree Master of Science (Home Science) following Three Years UG Programme wef

2023-24 (Two Years- Four Semesters Master’s Degree Programme- NEPv23 with Exit and Entry Option

M. Sc Home Science (Food Science and Nutrition) First Year Semester- I [Level 6.0]

S. N.	Subject	Type of Course	Subject Code	Teaching & Learning Scheme							Duration Of Exam Hours	Examination & Evaluation Scheme							
												Maximum Marks					Minimum Passing		
				Teaching Period Per Week				Credits				Theory		Practical		Total Marks			
				L	T	P	Total	L/T	Practical	Total				Theory Internal	Theory +MCQ External		Internal	External	Marks Internal
0	*Pre-Requisite Course(s) if Applicable/MOOC/Internship/Field Work cumulatively If students wish to opt Minor Course of UG as Major for PG, balance 12 Credits Course will have to be completed (As and when applicable)	Th-Prq		0	0	0	0	Additional Credits to be earned = (1) minus(2) (1). Credits from Major DSC Courses in UG (minus) (2).The Credits already earned from the Course as Minor at UG, now to be opted as Major at PG			2	15	35			50	06	14	P
1	Research Methodology and IPR	Th-Major	FSN 101	4			4	4		4	3	30	70			100	12	28	P
2	DSC-I.1 Food Science	Th-Major	FSN 102	4			4	4		4	3	30	70			100	12	28	P
3	DSC-II.1 Clinical Nutrition and Dietetics - I	Th-Major	FSN 103	4			4	4		4	3	30	70			100	12	28	P
	DSC-III.1 Advanced Nutrition	Th-Major	FSN 104	3			3	3		3	3	30	70			100	12	28	P
4	DSE-I /MOOC A. Applied Physiology B. Approaches in Nutrition	Th-Major Elective	FSN 105 A FSN 105 B	3			3	3		3	3	30	70			100	12	28	P
																	Minimum Passing Marks		Grade
5	DSC-I.1 Lab Food Science	Pr-Major	FSN 106			2	2		1	1	3			25	25	50	25		P
6	DSC-II.1 Lab Clinical Nutrition and Dietetics - I	Pr-Major	FSN 107			2	2		1	1	3			25	25	50	25		P
7	DSC-II.1 Lab Advanced Nutrition	Pr-Major	FSN 108			2	2		1	1	3			50		50	25		P
8	DSE-I Laboratory/MOOC Lab A. Applied Physiology B. Approaches in Nutrition	Pr-Major Elective	FSN 109 A FSN 109 B			2	2		1	1	3			50		50	25		P
9	# On Job Training, Internship/ Apprenticeship; Field projects Related to Major @ during vacations cumulatively	Related to DSC		120 Hours cumulatively during vacations of Semester I and Semester II						4*									P*
10	Co-curricular Courses: Health and wellness, Yoga Education, Sports and Fitness, Cultural Activities, NSS/NCC, Fine/Applied/Visual/Performing Arts During Semester I, II, III and IV	Generic Optional		90 Hours Cumulatively From Sem I to Sem IV															
	TOTAL									22						700			

L: Lecture, T: Tutorial, P: Practical/Practicum

Pre-requisite Course mandatory if applicable: **Prq**, Theory : **Th**, Practical/Practicum: **Pr**, Faculty Specific Core: **FSC**, Discipline Specific Core: **DSC**, Discipline Specific Elective: **DSE**, Laboratory: **Lab**, **OJT**: On Job Training; Internship/ Apprenticeship; Field projects: **FP**; **RM**: Research Methodology; Research Project: **RP**, **Co-curricular Courses: CC**
Note : #*On Job Training, Internship/ Apprenticeship; Field projects **Related to Major (During vacations of Semester I and Semester II) for duration of 120 hours mandatory to all the students, to be completed during vacations of Semester I and/or II. This will carry 4 Credits for learning of 120 hours. Its credits and grades will be reflected in Semester II credit grade report.**

Note: **Co-curricular Courses:** In addition to the above, CC also include but not limited to Academic activities like paper presentations in conferences, Aavishkar, start-ups, Hackathon, Quiz competitions, Article published, Participation in Summer school/ Winter School / Short term course, Scientific Surveys, Societal Surveys, Field Visits, Study tours, Industrial Visits, online/offline Courses on Yoga (Yoga for IQ development, Yoga for Ego development, Yoga for Anger Management, Yoga for Eyesight Improvement, Yoga for Physical Stamina, Yoga for Stress Management, etc.). These can be completed cumulatively during **Semester I, II, III and IV. Its credits and grades will be reflected in semester IV credit grade report.**

Sant Gadge Baba Amravati University, Amravati

FACULTY: Interdisciplinary Studies

Revised Scheme 2026-27

Scheme of Teaching, Learning, Examination & Evaluation leading to Two Years PG Degree Master of Science (Home Science) following Three Years UG Programme wef 2023-24**(Two Years- Four Semesters Master's Degree Programme- NEPv23 with Exit and Entry Option****M.Sc Home Science (Food Science and Nutrition) First Year Semester- II [Level 6.0]**

S. N.	Subject	Type of Course	Subject Code	Teaching & Learning Scheme							Duration of Exam Hours	Examination & Evaluation Scheme							
				Teaching Period Per Week				Credits				Maximum Marks					Minimum Passing		
												Theory		Practical		Total Marks			
				L	T	P	Total	L/T	Practical	Total		Theory Internal	Theory +MCQ External	Internal	External		Marks Internal	Marks External	Grade
1	DSC-I.2 Nutritional Biochemistry	Th-Major	FSN 201	4			4	4		4	3	30	70			100	12	28	P
2	DSC-II.2 Clinical Nutrition and Dietetics - II	Th-Major	FSN 202	4			4	4		4	3	30	70			100	12	28	P
3	DSC-III.2 Community Nutrition	Th-Major	FSN 203	3			3	3		3	3	30	70			100	12	28	P
4	DSE-II/MOOC A. Principles of Food Preservation B. Food Service Management	h-Major Elective	FSN 204 A FSN 204 B	3			3	3		3	3	30	70			100	12	28	P
																	Minimum Passing Marks		
5	DSC-I.2 Lab Nutritional Biochemistry	Pr-Major	FSN 205			2	2		1	1	3			25	25	50	25		P
6	DSC-II.2 Lab Clinical Nutrition and Dietetics - II	Pr-Major	FSN 206			2	2		1	1	3			25	25	50	25		P
7	DSC-III.2 Lab Community Nutrition	Pr-Major	FSN 207			2	2		1	1	3			50		50	25		P
8	DSE-II Laboratory/MOOC Lab A. Principles of Food Preservation B. Food Service Management	Pr-Major Elective	FSN 208 A FSN 208 B			2	2		1	1	3			50		50	25		P
9	# On Job Training, Internship/ Apprenticeship; Field projects Related to Major @ during vacations cumulatively	Related to Major		120 Hours cumulatively during vacations of Semester I and Semester II						4*									P*
10	Co-curricular Courses: Health and wellness, Yoga Education, Sports and Fitness, Cultural Activities, NSS/NCC, Fine/Applied/Visual/Performing Arts During Semester I, II, III and IV	Generic Optional		90 Hours Cumulatively From Sem I to Sem IV															
				Exit Option with a PG Diploma with 4 Credits On-the-job training/internship in the respective Major subject • Student has to earn Total minimum 4 Credits cumulatively during Vacations of Semester I and Semester II from internship in order to exit after First Year with PG Diploma (42-44 Credits) after Three Year UG Degree															
	TOTAL									18+4*						600			

L: Lecture, T: Tutorial, P: Practical/Practicum

Pre-requisite Course mandatory if applicable: **Prq**, Theory : **Th**, Practical/Practicum: **Pr**, Faculty Specific Core: **FSC**, Discipline Specific Core: **DSC**, Discipline Specific Elective: **DSE**, Laboratory: **Lab**, **OJT**: On Job Training: Internship/ Apprenticeship; Field projects: **FP**; **RM**: Research Methodology; Research Project: **RP**, **Co-curricular Courses: CC**
Note : # *On Job Training, Internship/ Apprenticeship; Field projects Related to Major (During vacations of Semester I and Semester II) for duration of 120 hours mandatory to all the students, to be completed during vacations of Semester I and/or II

This will carry 4 Credits for learning of 120 hours. Its credits and grades will be reflected in Semester II credit grade report.

Note: **Co-curricular Courses:** In addition to the above, CC also include but not limited to Academic activities like paper presentations in conferences, Aavishkar, start-ups, Hackathon, Quiz competitions, Article published, Participation in Summer school/ Winter School / Short term course, Scientific Surveys, Societal Surveys, Field Visits, Study tours, Industrial Visits, online/offline Courses on Yoga (Yoga for IQ development, Yoga for Ego development, Yoga for Anger Management, Yoga for Eyesight Improvement, Yoga for Physical Stamina, Yoga for Stress Management, etc.). These can be completed cumulatively during **Semester I, II, III and IV. Its credits and grades will be reflected in semester IV credit grade report**



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Scheme of Teaching, Learning, Examination & Evaluation leading to Two Years PG Degree Master of Science (Home Science) following Three Years UG Programme wef 2023-24
(Two Years- Four Semesters Master's Degree Programme- NEPv23 with Exit and Entry Option
M. Sc Home Science (Food Science and Nutrition) First Year Semester- III [Level 6.5]

S. N.	Subject	Type of Course	Subject Code	Teaching & Learning Scheme							Duration of Exam Hours	Examination and Evaluation Scheme							
												Maximum Marks				Minimum Passing			
				Teaching Period Per Week				Credits				Theory		Practical					Total Marks
				L	T	P	Total	L/T	Practical	Total			Theory Internal	Theory+ M CQ External	Internal	External	Marks Internal	Marks External	
1	DSC-I.3 Advancements and Contemporary Research in Food and Nutrition (Contemporary Applied Technological Advancements in Research relevant/supportive to Major)	Th-Major	FSN301	4			4	4		4	3	40	60			100	16	24	P
2	DSC-II.3 Clinical Nutrition and Dietetics - III	Th-Major	FSN302	4			4	4		4	3	40	60			100	16	24	P
3	DSC-III.3 Nutrition Through Life Span	Th-Major	FSN303	3			3	3		3	3	40	60			100	16	24	P
4	DSE-III/MOOC A. Food Microbiology B. Exercise Physiology and Nutrition for Athletes	Th-Major Elective	FSN304A FSN304B	3			3	3		3	3	40	60			100	16	24	P
																	Minimum Passing Marks		
5	DSC-I.3Lab/Pr Advancements and Contemporary Research in Food and Nutrition	Pr-Major	FSN305			2	2		1	1	3			50	--	50	25		P
6	DSC-II.3Lab Clinical Nutrition and Dietetics - III	Pr-Major	FSN306			2	2		1	1	3			25	25	50	25		P
7	DSC-III.3Lab Nutrition Through Life Span	Pr-Major	FSN307			2	2		1	1	3			50	--	50	25		P
8	DSE-III Lab/MOOC Lab A. Food Microbiology B. Exercise Physiology and Nutrition for Athletes	Pr Major Elective	FSN308A FSN308B			2	2		1	1	3			25	25	50	25		P
9	Research Project Phase-I	Major	FSN309		2	4	6	2	2	4				50	--	50	25		P
10	Cocurricular Courses: Health and wellness ,Yoga Education, Sports and Fitness, Cultural Activities, NSS/NCC, Fine/Applied/Visual/Performing Arts During Semester I,II, III and IV	Generic Optional		90 Hours Cumulatively from Sem I to Sem IV															
	TOTAL			14	2	12	28			22						650			

L: Lecture ,Tutorial, P:Practical/Practicum

Pre-requisite Course mandatory if applicable: **Prq**, Theory:**Th**,Practical/Practicum:**Pr**,FacultySpecificCore:**FSC**,DisciplineSpecificCore: **DSC**, Discipline Specific Elective: **DSE** ,Laboratory: **Lab**, **OJT**: On Job Training: Internship/ Apprenticeship; Field projects: **FP**; **RM** :Research Methodology; Research Project: **RP**, **Co-curricular Courses**: CC

Note: **Co-curricular Courses**: In addition to the above, CC also include but not limited to Academic activities like paper presentations in conferences, Aavishkar, start-ups, Hackathon, Quiz competitions, Article published, Participation in Summer school/ Winter School / Short term course,ScientificSurveys,SocietalSurveys,FieldVisits,Studytours,IndustrialVisits,online/offlineCoursesonYoga(YogaforIQdevelopment,YogaforEgodevelopment,YogaforAngerManagement,YogaforEyesightImprovement,YogaforPhysicalStamina,YogaforStressManagement, etc.). These can be completed cumulatively during **Semester I, II, III and IV. Its credits and grades will be reflected in semester IV credit grade report**

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(Two Years- Four Semesters Master's Degree Programme- NEPv23 with Exit and Entry Option
M. Sc Home Science (Food Science and Nutrition) First Year Semester- IV [Level 6.5]

S. N.	Subject	Type of Course	Subject Code	Teaching & Learning Scheme							Duration of Exam Hours	Examination & Evaluation Scheme								
												Maximum Marks						Minimum Passing		
				Teaching Period Per Week				Credits				Theory		Practical		Total Marks				
				L	T	P	Total	L/T	Practical	Total			Theory Internal	Theory M CQ External	Internal		External	Marks Internal	Marks External	Grade
1	DSC-I.4 Food Safety and Quality Control	Th-Major	FSN401	4			4	4		4	3	40	60			100	16	24	P	
2	DSC-II.4 Trends in Nutrition and Diet Counselling	Th-Major	FSN402	4			4	4		4	3	40	60			100	16	24	P	
3	DSC-III.4 Entrepreneurship in Food	Th-Major	FSN403	3			3	3		3	3	40	60			100	16	24	P	
4	DSE-IV/MOOC A. Nutrition Wellness and Fitness B. Sports Nutrition	Th-Major Elective	FSN404A FSN404B	3			3	3		3	3	40	60			100	16	24	P	
																	Minimum Passing Marks			
5	DSC-I.4Laboratory Food Safety and Quality Control	Pr-Major	FSN405			2	2		1	1	3			25	25	50	25		P	
6	DSC-II.4Laboratory Trends in Nutrition and Diet Counselling	Pr-Major	FSN406			2	2		1	1	3			50	--	50	25		P	
7	DSC-III.4Laboratory Entrepreneurship in Food	Pr-Major	FSN407			2	2		1	1	3			50	--	50	25		P	
8	DSE-IV Laboratory/MOOC Lab A. Nutrition Wellness and Fitness B. Sports Nutrition	Pr-Major Elective	FSN408A FSN408B			2	2		1	1	3			25	25	50	25		P	
9	Research Project Phase-II	Major	FSN409		2	8	10	2	4	6	3			75	75	150	75		P	
10	Co-curricular Courses: Health and wellness, Yoga Education, Sports and Fitness, Cultural Activities, NSS/NCC ,Fine/Applied/Visual/Performing Arts During Semester I,II, III and IV	Generic Optional		90 Hours Cumulatively from Sem I to Sem IV																
	TOTAL			14	2	16	32			24						750				

L:Lecture,T:Tutorial,P:Practical/PracticumPre-requisiteCoursemandatoryif applicable: Prq,Theory:Th,Practical/Practicum:Pr,FacultySpecificCore:FSC,DisciplineSpecificCore: DSC, Discipline Specific Elective: DSE, Laboratory: Lab, OJT: On Job Training: Internship/ Apprenticeship; Field projects: FP; RM: Research Methodology; Research Project: RP, Co-curricular Courses: CC
Note: **Co-curricular Courses:** In addition to the above, CC also include but not limited to Academic activities like paper presentations in conferences, Aavishkar, start-ups, Hackathon, Quiz competitions, Article published, Participation in Summer school/ Winter School / Short term course, Scientific Surveys, Societal Surveys, Field Visits, Study tours, Industrial Visits, online/offline Courses on Yoga (Yoga for IQ development, Yoga for Ego development, Yoga for Anger Management, Yoga for Eyesight Improvement, Yoga for Physical Stamina, Yoga for Stress Management, etc.).
These can be completed cumulatively during **Semester I, II, III and IV. Its credits and grades will be reflected in semester IV credit grade report**

