



SWAMI VIVEKANAND
SUBHARTI
UNIVERSITY
UGC Approved Meerut



M.Sc. (Home Science) Food & Nutrition

SCHEME

2026-2027

Ordinance No - V (56A)

**Department of Home Science,
Faculty of Arts and Social Science,
Swami VivekanandSubharti University, Meerut**

Academic Council date - 11/03/26
Executive Council date - 27/06/26

27th BOS
02/06/2026

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DEPARTMENT OF HOME SCIENCE
S. V. Subharti University, Meerut

Template of M.Sc. Home Science (Food & Nutrition) Syllabus

DEPARTMENT OF HOME SCIENCE

M.Sc. Food & Nutrition – Batch: (2026–2027)

Semester - I

S. No.	Course Type	Course Code	Course Name	L	T	P	Credits	Internal (50)				External (100)		Total Marks
								Attendance	Project Report (5) + PPT/ Assignment (5)	Practical + Record + Viva	Theory	Practical	Theory	
1	Core Course-1	MSCHS-101	Research Methodology and Academic Writing	3	0	2	4	5	10	20	15	30	70	150
2	Core Course-2	MSCFN-102	Advanced Nutritional Biochemistry	3	0	2	4	5	10	20	15	30	70	150
3	Core Course-3	MSCFN-103	Human Physiology	3	0	2	4	5	10	20	15	30	70	150
4	Core Course-4	MSCFN-104	Advances in Food Microbiology	3	0	2	4	5	10	20	15	30	70	150
5	Department Elective DEC-1	MSCFN-105	Methods of Investigation	3	0	2	4	5	10	20	15	30	70	150
6	Seminar	MSCHS-106	Seminar	0	0	4	2	5	10	40	-	50	-	100
7	VAC-1	MSCFN-AI	Artificial Intelligence in Food & Nutrition	0	0	4	2	5	10	20	-	70	-	100
Total				15	0	18	24	35	70	160	75	270	350	950

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Semester - II

S. No.	Course Type	Course Code	Course Name	L	T	P	Credits	Internal (50)				External (100)		Total Marks
								Attendance	Project Report (5) + PPT/ Assignment (5)	Practical + Record + Viva	Theory	Practical	Theory	
1	Core Course-5	MSCHS-201	Statistics and Computer Application	3	0	2	4	5	10	20	15	30	70	150
2	Core Course-6	MSCFN-202	Advance Nutrition	3	0	2	4	5	10	20	15	30	70	150
3	Core Course-7	MSCFN-203	Food Science	3	0	2	4	5	10	20	15	30	70	150
4	Core Course-8	MSCFN-204	Nutrition for Health & Fitness	3	0	2	4	5	10	20	15	30	70	150
5	Department Elective DEC-2	MSCFN-205	Food Packaging and Sensory Evaluation	3	0	2	4	5	10	20	15	30	70	150
6	VAC-2	CHM-002	Constitutional, Human Values and Moral Values and IPR	2	0	0	2	0	0	-	-	-	50	50
Total				17	0	10	22	25	50	100	75	150	400	800

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Semester - III

Specializations - A - Clinical and Therapeutic Nutrition

S. No.	Course Type	Course Code	Course Name	L	T	P	Credits	Internal (50)				External (100)		Total Marks
								Attendance	Project Report (5) + PPT/ Assignment (5)	Practical + Record + Viva	Theory	Practical	Theory	
1	Core Course-9	MSCFN-301	Clinical and Therapeutic Nutrition	3	0	2	4	5	10	20	15	30	70	150
2	Core Course-10	MSCFN-302	Institutional Food Management	3	0	2	4	5	10	20	15	30	70	150
3	Department Elective DEC-3	MSCFN-303	Assessment of Nutritional Status	3	0	2	4	5	10	20	15	30	70	150
4	Department Elective DEC-4	MSCFN-304	Pediatric Nutrition	3	0	2	4	5	10	20	15	30	70	150
5	Department Elective DEC-5	MSCFN-305	Current Trends & Issues in Food & Nutrition	3	0	2	4	5	10	20	15	30	70	150
6	OEC	MSCHS-306	Choose any one from OEC Basket	0	0	4	2	5	10	20	-	70	-	100
Total				15	0	14	22	30	60	120	75	220	350	850

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Specializations -B - Public Health Nutrition

S. No.	Course Type	Course Code	Course Name	L	T	P	Credits	Internal (50)				External (100)		Total Marks
								Attendance	Project Report (5) + PPT/ Assignment (5)	Practical + Record + Viva	Theory	Practical	Theory	
1	Core Course-9	MSCFN-301	Public Health Nutrition	3	0	2	4	5	10	20	15	30	70	150
2	Core Course-10	MSCFN-302	Maternal and Child Health	3	0	2	4	5	10	20	15	30	70	150
3	Department Elective DEC-3	MSCFN-303	Assessment of Nutritional Status	3	0	2	4	5	10	20	15	30	70	150
4	Department Elective DEC-4	MSCFN-304	Community Health Nutrition	3	0	2	4	5	10	20	15	30	70	150
5	Department Elective DEC-5	MSCFN-305	Current Trends & Issues in Food & Nutrition	3	0	2	4	5	10	20	15	30	70	150
6	OEC	MSCHS - 306	Choose any one from OEC Basket	0	0	4	2	5	10	20	-	70	-	100
Total				15	0	14	22	30	60	120	75	220	350	850



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Specializations –C -Food Science

S. No.	Course Type	Course Code	Course Name	L	T	P	Credits	Internal (50)				External (100)		Total Marks
								Attendance	Project Report (5) + PPT/ Assignment (5)	Practical + Record + Viva	Theory	Practical	Theory	
1	Core Course-9	MSCFN-301	Food Processing and Technology	3	0	2	4	5	10	20	15	30	70	150
2	Core Course-10	MSCFN-302	Advance Food Science	3	0	2	4	5	10	20	15	30	70	150
3	Department Elective DEC-3	MSCFN-303	Food Safety and Quality Control	3	0	2	4	5	10	20	15	30	70	150
4	Department Elective DEC-4	MSCFN-304	Advance Food Science II	3	0	2	4	5	10	20	15	30	70	150
5	Department Elective DEC-5	MSCFN-305	Current Trends & Issues in Food & Nutrition	3	0	2	4	5	10	20	15	30	70	150
6	OEC	MSCHS-306	Choose any one from OEC Basket	0	0	4	2	5	10	20	-	70	-	100
Total				15	0	14	22	30	60	120	75	220	350	850

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Specializations -D - Sports Nutrition

S. No.	Course Type	Course Code	Course Name	L	T	P	Credits	Internal (50)				External (100)		Total Marks
								Attendance	Project Report (5) + PPT/ Assignment (5)	Practical + Record + Viva	Theory	Practical	Theory	
1	Core Course-9	MSCFN-301	Clinical Sports Nutrition	3	0	2	4	5	10	20	15	30	70	150
2	Core Course-10	MSCFN-302	Nutrition for Special Groups and Sports Injuries	3	0	2	4	5	10	20	15	30	70	150
3	Department Elective DEC-3	MSCFN-303	Dietary Supplements & Ergogenic Aids	3	0	2	4	5	10	20	15	30	70	150
4	Department Elective DEC-4	MSCFN-304	Advanced Techniques in Nutritional Assessment for Athletes	3	0	2	4	5	10	20	15	30	70	150
5	Department Elective DEC-5	MSCFN-305	Current Trends & Issues in Food & Nutrition	3	0	2	4	5	10	20	15	30	70	150
6	OEC	MSCHS-306	Choose any one from OEC Basket	0	0	4	2	5	10	20	-	70	-	100
Total				15	0	14	22	30	60	120	75	220	350	850

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Semester - IV

S. No.	Course Type	Course Code	Course Name	L	T	P	Credits	Internal (50)				External (100)		Total Marks
								Attendance	Project Report (5) + PPT/ Assignment (5)	Practical + Record + Viva	Theory	Practical	Theory	
1	Dissertation	M.SCHS-401	Dissertation/ Project	0	0	24	12	5	10	20	-	70	-	100
2	Department Elective DEC-6	M.SCHS-402	Internship	0	0	8	4	5	10	20	-	70	-	100
3	EEC (EEC-1)	M.SCHS-403	Research Communication and Scholarly Publishing	0	0	4	2	5	10	20	-	70	-	100
4	Department Elective DEC-7	M.SCHS-404	Community Engagement for SDGs	0	0	8	4	5	10	30	-	70	-	100
Total				4	0	44	22	20	40	90	-	280	-	400

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DEPARTMENT OF HOME SCIENCE
BASKETS (PG PROGRAMMES)
SESSION (2026-2027)

LIST OF DISCIPLINE ELECTIVES COURSE

(Offered by H. Sc. Deptt. to university basket)- Annexure I

M.SC. HUMAN DEVELOPMENT					
Sr. No.	Course Type	Course Name	Semester	Year	Credits
1	DEC-1	Contemporary Issues in Human Development	Semester - I	1st Year	4
2	DEC-2	Psychosocial Well-being across Lifespan	Semester - II	1st Year	4
A/B/C/D (As per run in the department on choice of group in department students.)					
GROUP- A					
3	DEC-3A	Career Counselling and Vocational Guidance	Semester - III	2nd Year	4
4	DEC-4A	Mental Health and Counselling across Lifespan	Semester - III	2nd Year	4
5	DEC-5A	Counselling Special Groups	Semester - III	2nd Year	4
GROUP- B					
6	DEC-3B	Learning and Play in Early Years	Semester - III	2nd Year	4
7	DEC-4B	Inclusive Practices in ECCE	Semester - III	2nd Year	4
8	DEC-5B	Child Rights and Protection	Semester - III	2nd Year	4
GROUP- C					
9	DEC-3C	Intervention Strategies for Children with Special Needs	Semester - III	2nd Year	4
10	DEC-4C	Assistive Technology and Inclusion	Semester - III	2nd Year	4
11	DEC-5C	Emotional and Behavioural Disorders	Semester - III	2nd Year	4
GROUP- D					
12	DEC-3D	Family Life Education	Semester - III	2nd Year	4
13	DEC-	Work-Family Interface	Semester - III	2nd Year	4

	4D				
14	DEC-5D	Family Stress and Coping	Semester - III	2nd Year	4

M.SC. FOOD AND NUTRITION

Sr. No.	Course Type	Course Name	Semester	Year	
1	DEC-1	Methods of Investigation	Semester - I	1st Year	4
2	DEC-2	Food Packaging and Sensory Evaluation	Semester - II	1st Year	4
3	DEC-3A	Current Trends & Issues in Food & Nutrition	Semester - III	2nd Year	4

GROUP A

4	DEC-4A	Pediatric Nutrition	Semester - III	2nd Year	4
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GROUP B

5	DEC-3B	Community Health Nutrition	Semester - III	2nd Year	4
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GROUP C

6	DEC-4C	Food Safety and Quality Control	Semester - III	2nd Year	4
7	DEC-5C	Advance Food Science II	Semester - III	2nd Year	4

GROUP D

8	DEC-1C	Dietary Supplements & Ergogenic Aids	Semester - III	2nd Year	4
9	DEC-2C	Advanced Techniques in Nutritional Assessment for Athletes	Semester - III	2nd Year	4

COMMON WITH GROUP A, B

10	DEC-3A	Assessment of Nutritional Status	Semester - III	2nd Year	4
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MA HOME SCIENCE

Sr. No.	Course Type	Course Name	Semester	Year	
1	DEC-1	Surface Ornamentation	Semester - I	1st Year	4
2	DEC-2	Traditional Indian Textiles	Semester - II	1st Year	4
3	DEC-3	Apparel Design & Clothing Construction	Semester - III	2nd Year	4
4	DEC-4	Interior Decoration	Semester - III	2nd Year	4
5	DEC-5	Entrepreneurship Development	Semester - III	2nd Year	4

Dr.

Akanksha

Dr.

Dr.

Shalini

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7	DEC-6	Community Engagement for SDGs	Semester - IV	2nd Year	4
COMMON IN ALL PG PROGRAMMES					
1	DEC-7	Community Engagement for SDGs	Semester - IV	2nd Year	

LIST OF OPEN ELECTIVES COURSE

(All PG Programmes) Offered by H.Sc. Deptt. to university basket- Annexure II

(Select any one, it shall be run with 10 students at minimum)

Sr. No.	Course Type	Course Name (Choose any one from basket)	Semester	Year	Credits
1	OEC-1	Creative Craft	Semester - III	2nd Year	2
2	OEC-2	Traditional Textiles	Semester - III	2nd Year	2
3	OEC-3	Food Preservation	Semester - III	2nd Year	2

LIST OF VALUE ADDED COURSE (Offered by H.Sc. Deptt. to university basket)-

Annexure III

Sr. No.	Course Type	Course Name	Semester	Year	Credits
3	VAC-1	Counselling Skills	Semester - I	1st Year	2
4	VAC-2	Administration Management and Creative Activities in ECCE	Semester - I	1st Year	2
1	VAC-3	Ayurveda & Nutrition	Semester - II	1st Year	2
2	VAC-4	Food Processing	Semester - II	1st Year	2

LIST OF EECC COURSE (Offered by H.Sc. Deptt. to university basket)- Annexure III

Sr. No.	Course Type	Course Name	Semester	Year	Credits
COMMON FOR ALL PG PROGRAMS					
1	EECC-1	Research Communication and Scholarly Publishing	Semester - IV	II	2

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