

Kurukshetra University, Kurukshetra
(Established by the State Legislature Act-XII of 1956)
("A++" Grade, NAAC Accredited)



**Scheme of Examination
for
Post Graduate Programme**

M.Sc. Home Science (Food, Nutrition and Dietetics)

as per NEP 2020
Curriculum and Credit Framework for Postgraduate Programme

With Multiple Entry-Exit, Internship and CBCS-LOCF
With effect from the session 2024-25(in phased manner)

DEPARTMENT OF HOME SCIENCE
FACULTY OF LIFE SCIENCES

KURUKSHETRA UNIVERSITY, KURUKSHETRA -136119
HARYANA, INDIA

FND-I


Chairperson
Dept. of Home Science
K.U. KURUKSHETRA.

49(877)

Programme Learning Outcomes (PLOs) for PG Programmes as per NEP-2020

PLOs	Master Degree in Home Science (Food, Nutrition and Dietetics) After the completion of Master degree in Home Science (Food, Nutrition and Dietetics) the student will be able to:
PLO-1: Knowledge and Understanding	Demonstrate the fundamental and advanced knowledge of the subject and understanding of recent developments and issues, including methods and techniques, related to the Home Science (Food, Nutrition and Dietetics) .
PLO-2: General Skills	Acquire the general skills required for performing and accomplishing the tasks as expected to be done by a skilled professional in the fields of Home Science (Food, Nutrition and Dietetics) .
PLO-3: Technical/ Professional Skills	Demonstrate the learning of advanced cognitive technical/professional skills required for completing the specialized tasks related to the profession and for conducting and analyzing the relevant research tasks indifferent domains of the Home Science (Food, Nutrition and Dietetics) .
PLO-4: Communication Skills	Effectively communicate the attained skills of the Home Science (Food, Nutrition and Dietetics) in well-structured and productive manner to the society at large.
PLO-5: Application of Knowledge and Skills	Apply the acquired knowledge and skills to the problems in the subject area, and to identify and analyze the issues where the attained knowledge and skills can be applied by carrying out research investigations to formulate evidence-based solutions to complex and unpredictable problems associated with the field of Home Science (Food, Nutrition and Dietetics) or otherwise.
PLO-6: Critical thinking and Research Aptitude	Attain the capability of critical thinking in intra/inter-disciplinary areas of the Home Science (Food, Nutrition and Dietetics) enabling to formulate, synthesize, and articulate issues for designing of research proposals, testing hypotheses, and drawing inferences based on the analysis.
PLO-7: Constitutional, Humanistic, Moral Values and Ethics	Know constitutional, humanistic, moral and ethical values, and intellectual property rights to become a scholar/professional with ingrained values in expanding knowledge for the society, and to avoid unethical practices such as fabrication, falsification or misrepresentation of data or committing plagiarism.
PLO-8: Capabilities/qualities and mindset	To exercise personal responsibility for the outputs of own work as well as of group/team and for managing complex and challenging work(s) that requires new/strategic approaches.
PLO-9: Employability and job-ready skills	Attain the knowledge and skills required for increasing employment potential, adapting to the future work and responding to the rapidly changing demands of the employers/industry/society with time.

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(CBCS LOCF) with effect from the session 2024-25 (in phased manner)

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Scheme-P

Semester	Course Type	Course Code	Nomenclature of course	Theory (T)/ Practical (P)	Credits	Contact hours per week				Internal Assessment Marks	End Term Examination Marks	Total Marks	Examination hours
						L	T	P	Total				
1	CC-1	M24-FND-101	Advanced Human Nutrition-I	T	4	4	0	0	4	30	70	100	3
	CC-2	M24-FND-102	Advanced Nutritional Biochemistry –I	T	4	4	0	0	4	30	70	100	3
	CC-3	M24-FND-103	Food Science	T	4	4	0	0	4	30	70	100	3
	CC-4	M24-FND-104	Food Service Management	T	4	4	0	0	4	30	70	100	3
	PC-1	M24-FND-105	Advanced Human Nutrition and Advanced Nutritional Biochemistry-I	P	4	0	0	8	8	30	70	100	4
	PC-2	M24-FND-106	Food Science and Food Service Management	P	4	0	0	8	8	30	70	100	4
	Seminar	M24-FND-107	SEMINAR	S	2	0	0	0	2	0	50	50	1
2	CC-5	M24-FND-201	Advanced Human Nutrition-II	T	4	4	0	0	4	30	70	100	3
	CC-6	M24-FND-202	Advanced Nutritional Biochemistry-II	T	4	4	0	0	4	30	70	100	3
	CC-7	M24-FND-203	Clinical Nutrition and Dietetics-I	T	4	4	0	0	4	30	70	100	3
	CC-8	M24-FND-204	Public Health Nutrition-I	T	4	4	0	0	4	30	70	100	3

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PC-3	M24-FND-205	Advanced Human Nutrition and Advanced Nutritional Biochemistry-II	P	4		0	0	8	8	30	70	100	4
PC-4	M24-FND-206	Clinical Nutrition and Dietetics & Public Health Nutrition-I	P	4		0	0	8	8	30	70	100	4
CHM	M24-CHM-201	Constitutional, Human and Moral values and IPR	T	2		2	0	0	2	15	35	50	3
Internship	M24-INT-200	AN INTERNSHIP COURSE OF 4 CREDITS OF 4-6 WEEKS DURATION DURING SUMMER VACATION AFTER IIND SEMESTER IS TO BE COMPLETED BY EVERY STUDENT. INTERNSHIP CAN BE EITHER FOR ENHANCING THE EMPLOYABILITY OR FOR DEVELOPING THE RESEARCH APTITUDE.								50	50	100	
CC-9	M24-FND-301	Clinical Nutrition and Dietetics-II	T	4	26	4	0	0	4	30	70	100	3
CC-10	M24-FND-302	Public Health Nutrition-II	T	4		4	0	0	4	30	70	100	3
DEC-1 Any one from M24-FND-303/304/305/306	M24-FND-303	Sports Specific Nutrition	T	4		4	0	0	4	30	70	100	3
	M24-FND-304	Food Microbiology	T	4		4	0	0	4	30	70	100	3
	M24-FND-305	Human Physiology	T	4		4	0	0	4	30	70	100	3
	M24-FND-306	Nutrition through Life Span	T	4		4	0	0	4	30	70	100	3
DEC-2 Any one from M24-FND-307/308/309/310	M24-FND-307	Maternal and Child Nutrition	T	4		4	0	0	4	30	70	100	3
	M24-FND-308	Paediatric and Geriatric Nutrition	T	4		4	0	0	4	30	70	100	3
	M24-FND-309	Nutrition in Critical Care	T	4		4	0	0	4	30	70	100	3
	M24-FND-310	Nutritional Management	T	4		4	0	0	4	30	70	100	3

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	PC-5	M24-FND-311	Clinical Nutrition and Dietetics-II	P	4		0	0	8	8	30	70	100	4
	PC-6	M24-FND-312	Public Health Nutrition-II	P	4		0	0	8	8	30	70	100	4
	OEC	M24-OEC-322	Nutrition for Holistic Health	T	2		2	0	0	2	15	35	50	3
4	CC-11	M24-FND-401	Research Methods, Statistics and Computer Applications	T	4	26	4	0	0	4	30	70	100	3
	CC-12	M24-FND-402	Nutrigenomics	T	4		4	0	0	4	30	70	100	3
	DEC-3 Any one from M24-FND-403/404/405/406	M24-FND-403	Food Safety and Quality Control	T	4		4	0	0	4	30	70	100	3
		M24-FND-404	Food Toxicology	T	4		4	0	0	4	30	70	100	3
		M24-FND-405	Food Processing and Technology	T	4		4	0	0	4	30	70	100	3
		M24-FND-406	OR A MOOC Course from Swayam Portal of Equal Credits											
	DEC-4 Any one from M24-FND-407/408/409/410	M24-FND-407	Nutraceutical and Functional Food	T	4		4	0	0	4	30	70	100	3
		M24-FND-408	Nutrition for Fitness and Sports	T	4		4	0	0	4	30	70	100	3
		M24-FND-409	Emerging Trends in Human Nutrition	T	4		4	0	0	4	30	70	100	3
		M24-FND-410	OR A MOOC Course from Swayam Portal of Equal Credits											
	PC-7	M24-FND-411	Food Product Development	P	4		0	0	8	8	30	70	100	4
	PC-8	M24-FND-412	Development of Entrepreneurial Skills	P	4		0	0	8	8	30	70	100	4

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	EEC	M24-FND-413	Nutrition Education and Dietetic Counselling	T	2		1	0	2	3	15	35	50	3(T)+ 3(P)
4	OR DISSERTATION (NOTE: IF A CANDIDATE OFFERED DISSERTATION COURSE, THEN HE/SHE WILL ALSO STUDY CC-11, DEC-3, DEC-4 & FEC FROM ABOVE COURSES OF SEMESTER 4)													
	Dissertation/Project work	M24-FND-414	Dissertation/Project work	D		12	0	0	0	12	0	300	300	
TOTAL CREDITS					108		TOTAL MARKS					2700		


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