

A Charutar Vidya Mandal's

S. M. PATEL COLLEGE OF HOME SCIENCE

(An Autonomous Institution Affiliated with Sardar Patel University)
Vallabh Vidyanagar-388120, Dist. Anand, Gujarat, India

Post Graduate Programme- Self Finance M.Sc. in Public Health Nutrition

(M.Sc. PHN Two years / Four semester course) Master of Science (Home Science) Public Health Nutrition (M.Sc. PHN) is a four-semester professional programme in the field of Public Health Nutrition

Course Overview:

The Master's Program in Public Health Nutrition at S.M. Patel College of Home Science offers a comprehensive exploration of public health nutrition challenges, encouraging students to collectively address health responsibilities.

Program Objectives:

- Develop a deep understanding of public health nutrition concepts, spanning prevention, protection, and promotion strategies.
- Integrate nutritional science, consultancy, and innovation to broaden perspectives beyond conventional public health nutrition methods.
- Evaluate community nutritional statuses and formulate appropriate interventions.
- Apply evidence-based knowledge, principles, and skills in public health nutrition to address real-world challenges effectively.

Programme specific outcomes:

- Students will apply their knowledge of health, including its determinants, indicators, and the healthcare delivery system within the country, along with understanding public policies and sectors relevant to nutrition and health.
- They will articulate the concept of food and nutrition security within both national and global contexts.
- Students will demonstrate proficiency in various methodologies and tools used to assess nutritional status across different life stages, including related indicators and determinants.
- They will elaborate on the etiology, prevalence, clinical manifestations, and both preventive and therapeutic measures for major nutritional issues prevalent in the country.
- Students will outline national food, nutrition, and health policies and programs.
- They will describe different approaches and strategies aimed at improving the nutritional status and health conditions of the country's population, with an emphasis on programmatic options and food-based interventions.

- Students will explain the economic aspects of health and malnutrition, along with its impact on national development.

Duration:

The M.Sc. PHN programme shall be of duration of four semesters including Internship for a minimum of 4 weeks and Project/research dissertation.

Students shall be permitted to complete the programme requirements of the two-year programme.

The semester break should be used for the research and field-based activities.

The minimum attendance of students shall be 80% for theory courses and Practical and 90% for Field Attachment.

Eligibility Criteria:

The Current eligibility is as follows:

A candidate who has degree of Bachelor of Science (Home Science) in Foods and Nutrition/Clinical Nutrition &Dietetics/B.Sc. in Home Science (General)/B. A. Home Science/B. R. S. Home Science/B. Sc in Food safety and quality Control/BSW/MBBS/BAMS /BHMS/DPT/MLT of this university or of any other university recognised thereto or B.Sc. (Honors) with special papers in Foods and Nutrition or any other examination recognised under 10+2+3 system as equivalent thereto eligible for the admission in said course.

The admission will be given on first cum first basis. In self-finance course 70% of the seats will be filled by Home Science students and 30% from other fields. Final decision will be at the discretion of the management.

Mode of Instruction:

Language: English only

Method of Teaching Theory Papers & practical:

The mode of instruction for the theory papers is regular face to face interaction and teaching through lectures and interactive participatory modes. Workshops and seminars for the selected points from each theory course will be carried out. The practicum/assignment will be assigned under each theory paper.

The weightage for the internal assessment (internal theory and practical) is 30% i.e. 30 marks for each paper of 100 marks. Out of 30 marks for internal assessment, 20 marks for internal theory and 10 marks for Assignment/Seminar are allotted.

Research:

Conducting research in the form of a dissertation or project is a mandatory component of the course. Each student will be assigned a research guide to oversee their research within the specified timeframe. The research course carries a weightage of 8 credits and is evaluated out of 200 marks.

Students who achieve over 70% marks at the end of the second semester will be eligible to undertake a dissertation, while those scoring below that threshold will undertake a project.

During the third semester, alongside external viva voce assessments, students enrolled in the M.Sc. PHN course will receive guidance on research and be allocated a research guide.

Standard of Passing Examination & Evaluation Criteria:

To pass the M. Sc PHN Semester Examination candidate must

(a) Obtain at least 40% of marks in each course in the internal assessment as well as at the external examination.

(b) Obtain at least 40% of marks in dissertation in the internal assessment as well as at the external examination.

(c) The performance of a student in a course is evaluated based on-

(i) Continuous assessment of theory and/or /practical work and

(ii) End-semester theory and/or /practical examinations.

(d) The end- semester theory examination in a course has a weightage of 70 percent of theory marks. The remaining 30 percent of theory marks will be awarded through continuous assessment, internal theory examination carried out during the semester.

(e) A student who remains absent or fail in any of the internal/ external semester end examinations shall be awarded with zero marks in the respective mid semester examination.

(iv) No student shall be allowed to appear in the end semester examination of a course unless he/she has scored at least 30% marks in mid semester examination and will be considered in "NOT PERMITTED TO APPEAR (NPTA)" status for the respective course and letter grade "NA" will be awarded. Obtaining 40% marks in each paper is must.

(g) A student obtaining Grade F shall be considered failed and will be required to reappear in the examination.

CRITERION FOR AWARDED GRADING SYSTEM CRITERION FOR AWARDED SGPA AND CGPA:

The criterion for awarding the Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA) for M.Sc. PHN. programme shall be as follows:

a) The criterion for passing in a subject is that a student should secure minimum 40% marks in individual paper.

b) A student obtaining less than passing marks as specified above, in each subject (sum of internal and End-Term examinations) s/he will be declared fail in that subject and will have to reappear in an End-Term examination of the course in subsequent odd / even semester end term examination, subject to maximum permissible period of 8 semesters to complete the course.

c) The University has adopted Absolute Grading System for converting marks into grades.

d) The formula of 10- point grading system for conversion of marks obtained into Letter Grades and converting Letter Grades to Grade Point is given below:

Marks, Letter Grades and Grade Points

Letter Grade

91 – 100	O (Outstanding)	10
81 – 90	A+ (Excellent)	9
71 – 80	A (Very Good)	8
61 – 70	B+ (Good)	7
51 – 60	B (Above-Average)	6
46 – 50	C (Average)	5
40 – 45	P (Pass) *	6
40 -39	F (Fail)	0

Note: Candidates having less than 40% internal marks in each theory paper, practicum and practice teaching will not be permitted to appear in the external theory examination.

FEES: 20000/- per term