

Department of Home Science

Master of Arts in Home Science

Programme Mission:

Home science has a vital role to play in increasing the capacity of the family and the community. It is an interdisciplinary field that is related to both the fields of arts and science. M.A Home Science has been innovatively designed to enable students to acquire knowledge in the field of Foods and Nutrition, Family Resource Management and Interior Design, Human development, Textiles and Clothing and Home Science Extension. The curriculum has an integrated approach of combining theory, practical and field work.

Programme Objectives:

1. To develop the capabilities and knowledge of students in the areas of

- Food science, Principles of Nutrition and Food Processing
- Food service management
- Family and community science
- Family economics and financial management
- Textile design, fashion illustrations and clothing
- Extension and communication
- Human Development

2. To develop relevant skills and make students efficient in academics, research, industry and community service in the field of Home Science

3. To foster competence and excellence in students by enhancing communication and leadership skills

Programme Outcomes:

1. **Environment and sustainability:** critically evaluate impact of household and industrial practices on environment. Appreciate use of sustainable practices for improved physical, emotional, social, psychological environment at micro/macro level.
2. **Home Science and Society:** apply knowledge and competencies developed as graduates to impart knowledge, identify, analyze and address family and societal issues to improve quality of life of individual, family and societal issues to improve quality of life of individual, family and society as a whole, also covering marginalized and vulnerable groups of society.
3. **Learning and Conceptual Understanding:** have knowledge and holistic understanding of the core courses related to Home Science including Human Development, Foods and Nutrition, Clothing and Textiles, Home Management, Extension Education and Communication and basic courses associated with Social Sciences, Biological sciences, Physical sciences, Technology and Management.

4. **Life Long Learning-** ability to reason out, learn and improve oneself in the changing dynamic scenario by strengthening the strength and weakening of weakness for sustainable developmental needs, technological changes, career requirements and new avenues.

5. **Leadership Skills:** Apply leadership skills, inspiring , taking responsibility, delegating tasks while working in a team, communicating with other teams, providing guidance to lesser skilled in various settings be it family, industry or institutions or carrying out research projects.
6. **Communication-** use soft skills for clear, accurate, unambiguous effective communication using verbal and non verbal skills at inter/ intra personal and professional level.

7. **Ethics and Integrity-** apply ethical practices while data collection, conducting experiments, involving human beings as well as animals, delivering professional capabilities.

8. **Planning Skills:** apply skills in designing, implementing, monitoring and valuating programmes effectively for individuals, family, community and for vulnerable groups of society

9. **Problem Solving**- solve problems concerning home, family and society for ensured physical and mental health in the changing socio economic scenario viz. dietary problems, behavioral problems, clothing problems, social problems by applying scientific methods, through critical thinking, assessing, analyzing, finding appropriate solutions and taking decisions.
10. **Practical Work**- provides opportunity to students to get acquainted with innovative research projects and develop skills to plan and undertake intervention projects.

M.A. Home Science
Semester Based Course Framework
Semester I
HMC-101 Family Economics

M.M. 100

Internal- 25

External- 75

Learning Outcome:

- Understanding daily issues and improving aspects of life that impacts individuals, families and community such as relationship, shelter, clothing and nutrition.
- Gain knowledge of income, saving and investment management in the changing socio economic environment
- Understand the role of consumer in the economy, consumer problems, education and empowerment
- Comprehend issues related to consumer protection, legislative measures and redressal mechanisms

Objectives:

- To familiarize the students with the changing socio economic environment and consumer behavior
- To strengthen the financial management practices of the students for wise consumer behavior
- To have an overview of the consumer problems, consumer movement and consumer protection.

M.A. Home Science
Semester Based Course Framework

Semester I

HMC-102 Research Methods and Statistics

M.M. 100

Internal- 25

External- 75

Learning Outcomes:

- Develop understanding on various kinds of research, objectives of doing research, research process, research design and sampling
- Basic knowledge on qualitative research techniques and quantitative data analysis
- Basic awareness of hypothesis testing

Objectives:

- To understand the significance of statistics and research methodology in home science research.
- To understand the types, tools and methods for research and develop the ability to construct data gathering instruments appropriate to the research design.
- To understand and apply the appropriate statistics technique for the measurements scale and design.

M.A. Home Science
Semester Based Course Framework
Semester I
HMC-103 Textile Science

M.M. 100

Internal- 25

External- 75

Learning Outcome:

After studying the above course, students will have ability to:

- Explain the properties of synthetic fibers
- Describe new development in the fiber manufacture
- Discuss yarn technology and yarn finishes

Objectives:

To acquaint the students about the chemical composition, properties and uses of synthetic fibers and advanced textile technology

M.A. Home Science
Semester Based Course Framework
Semester I
HMC-104 Food Science

M.M. 100

Internal- 25

External- 75

Learning Outcome:

Knowledge and understanding of:

- Food composition in the context of food quality and safety
- Food processing and food processing equipment
- Microbiological aspects of food quality and safety

Objective:

- To provide an understanding of composition of various foodstuffs
- Familiarize students with changes occurring in various foodstuffs as a result of processing and cooking
- Enable students to use the theoretical knowledge in various applications and food preparations.

M.A. Home Science
Semester Based Course Framework
Semester II
HMC-201 Fashion Illustrations

M.M. 100

Internal- 50

External- 50

Learning Outcome

- Acquire the skill of sketching and jewellery designing
- They can work as fashion advisor
- Ability to explain fashion cycle
- Discuss anomalies of fashion
- Create design using designing elements

Objectives:

Focuses on design details, creation of styles and rendering techniques using the different media, pencils, pens, markers, charcoals, brushes, colors, papers.

M.A. Home Science

Semester Based Course Framework

Semester II

HMC-202 Community organization and Home Science Extension Education

M.M. 100

Internal- 25

External- 75

Learning Outcome:

- Students can understand
- Concepts of communication and communication process
- Use of new technologies of communication
- Tolls of communication
- The presentation using proper points

Objectives:

To enhance the understanding about the vital aspects of communication and uses of new technologies of communication

M.A. Home Science
Semester Based Course Framework
Semester II
HMC-203 Theories of Human Development

M.M. 100

Internal- 25

External- 75

Learning Outcome:

- On successful completion of the course the student will be able to:
- Describe a theory, need for theory, different perspectives and approaches
- Equipped with knowledge regarding general issues of different theories and their classification
- Design practical applications of different theories

Objective:

- Critically analyze theories in relation to various aspects of human development
- Understand the normal and abnormal conditions and gain a greater appreciation of developmental throughout life

M.A. Home Science
Semester Based Course Framework
Semester II
HMC-204 Human Physiology

M.M. 100

Internal- 25

External- 75

Learning Outcome:

- Understanding about the functioning of human biological systems
- Knowledge of interrelationship between different organs with each other
- Deep understanding about organ specific diseases and their causing elements

Objectives:

This paper will enable students to

- Advance their understanding of some of the relevant issues and topics of human physiology
- Understand the integrated function of all systems and grounding of nutritional science in physiology
- Understand the alterations of structure and function in various organs and systems in disease conditions

Semester III

HMC-301 Human Nutrition and Diet Therapy

Max Marks – 100

(Internal -25 + External-75)

Course Objectives-

It will enable students to understand the methods of assessment of nutritional status

Understand principles of diet therapy; know the methods of normal diet for therapeutic purpose and planning of diets in various disease conditions

Course outcomes – after completion of the course the student will be able to

- understand nutrients, their functions and metabolism Understand diet therapy and therapeutic modifications of normal diets
- Be familiar with different methods of assessment of nutritional status
- Understand principles of dietetic management in different disease conditions

Semester III

HMC-302 Communication Process

Max Marks – 100

(Internal -25 + External-75)

Course Objectives-

To enable students understand the concept and process of communication.

To acquaint students with different communication aids and provide them skill in the use of communication methods and media.

To provide concept and understanding of formal / non formal education and adult education

To help understand the principles of Programme planning

Course outcomes – after completion of the course the student will be able to

- Understand communication process
- Be familiar with and be able to use different communication aids
- Differentiate between projected and non projected communication aids
- Differentiate between formal and non formal education
- Understand adult education
- understand the principles of Programme planning
- be acquainted with various government sponsored programs for family welfare

Semester III

HMC-303 Apparel Designing

Max Marks – 100

(Internal -25 + External-75)

Course Objectives-

To develop skill in clothing construction

Course outcomes – after completion of the course the student will be able to

- Understand and develop skill in general construction techniques of garments
- Acquire basic skills and knowledge to make paper patterns by different methods
- Develop an understanding of pattern making techniques used in garment industry
- Create designs for apparels using construction details applying elements of arts and principles of designs

Semester III

HMC-304 Life Span Development I

Max Marks – 100

(Internal -25 + External-75)

Course Objectives-

To enable students understand growth and development during prenatal period, infancy and childhood

To develop awareness of important aspects of development during prenatal period infancy and childhood and to understand the issues faced in these stages

To develop an understanding of parent child relationships, role of family, school and community in child development

Course outcomes – after completion of the course the student will be able to

- Gain knowledge of various aspects and concerns of development with special focus from conception to middle childhood stages
- Analyze and effectively deal with developmental and adjustment issues from prenatal period to childhood stages
- Understand parent child relationships, role of family, school and community in child development
- Appreciate the needs of exceptional children

Semester IV
HMC-401 Indian Embroidery and Textile

Max Marks – 100

(Internal -50 + External-50)

Course Objectives-

To provide students the knowledge of traditional textiles of India and acquaint them with their importance

To impart the techniques of embellishing household and clothing articles for consumer utility

Course outcomes – after completion of the course the student will be able to

- Understand traditional textiles of India
- Be able to identify and develop skill in various traditional embroidery styles
- Be acquainted with traditional Indian costumes of different states
- Able to use traditional embroideries in contemporary dresses and costumes

Semester IV
HMC-402 Housing and Interior Decoration

Max Marks – 100

(Internal -25 + External-75)

Course Objectives-

To help students to gain knowledge about factors affecting the housing needs in India

Gain knowledge about interior decoration and principles of planning specific areas

Gain knowledge of furnishing and be able to choose furnishing material keeping financial considerations in mind

Course outcomes – after completion of the course the student will be able to

- Understand factors affecting the housing needs in India
- Role of government and local housing agencies in solving india's housing problem
- Be able to apply the skill of interior decoration in planning different spaces
- Choose appropriate furnishing material keeping in mind characteristics of room, family needs, style and financial considerations
- Understand furniture arrangements and styles
- Be familiar with functional and decorative accessories

Semester IV
HMC-403 Entrepreneurship Development

Max Marks – 100

(Internal -25 + External-75)

Course Objectives-

To enable students to develop entrepreneurship skills

To understand the process and procedure of setting up small enterprise

Develop management skills for entrepreneurship development

Course outcomes – after completion of the course the student will be able to

- Develop entrepreneurship skills
- Be aware of entrepreneurial qualities
- Be aware of infrastructure and industrial support agencies
- Formulate small scale project
- Develop basic skills for the management of small enterprise

Semester IV
HMC-404 Community Nutrition and Public Health

Max Marks – 100

(Internal -25 + External-75)

Course Objectives-

To impart to the students awareness of the magnitude of nutritional problems and agencies working for their amelioration

To provide understanding of Nutrition education, National nutrition programmes, objectives and functions of national and international agencies working in the field of nutrition

To develop understanding of the methods of assessment of nutritional status and the concept of food security

Course outcomes – after completion of the course the student will be able to

- Understand about community nutrition and nutrition education
- Be aware of National nutrition programmes
- Be aware of objectives and functions of national and international agencies working in the field of nutrition
- Understand the concept of health and primary health care
- Understand the concept of food security,
- Understand about infection- its sources, prevention and control