

**Bundelkhand University, Jhansi**  
**Department of Home Science**  
**Master of Arts in Home Science Programme**  
**Regulations -2020**

**Applicability**

These Regulations shall apply to the Master in Arts in Home Science Programme from the session 2022-23

**Minimum Eligibility for Admission:**

Any graduate with Home Science, B.A./B.Sc./B.Hsc. (with minimum 45% marks for General category and minimum 40% marks for SC/ST) or without Home Science (Subject (Education, Economics, Psychology, Anthropology and B.Sc. (Bio-Group) with minimum 55% marks) shall be eligible for admission in the Course.

**Programme Objectives:**

The objective of the Course is to develop responsive and responsible home-makers and skillful, talented, productive citizens of the nation with high potential and professionalism by imparting knowledge in various areas of Home Science and creating suitable attitude for the same. The major objectives are:

- Women empowerment
- Skill development and enhancement
- Capacity building
- Entrepreneurial development
- Student centric and job oriented courses

**Program Outcomes:**

The Program trains students to:

- Understand basic and advanced theoretical and practical knowledge in 05 branches of Home Science.
- Develop advanced skill in one of the five branches of Home Science.
- Convert knowledge and skill into entrepreneurship models.
- Become responsible citizens with professional attitude.

**Specific Programme Outcomes:**

The courses focus on skill development and capacity building to empower women to initiate their own enterprise

- Courses aim at equipping the students with necessary proficiencies for a wide variety of career with entrepreneurial skills and placement.
- Practical training/exposure through internship, field visit, project work, expert lectures, demonstration, workshops and seminars
- Specialised courses in sync with industry academic needs.
- Focus on updating with National & Global issues and concerns.

- Emphasis on capacity building and sensitization to help individual, family, society and nation to understand needs, their development, challenges, issues of concern and possible remedies or steps for different stages of life cycle.
- Encouraging innovative and creative ideas for initiating entrepreneurship.
- Curriculum based capacity building through subject wise research methods and scientific writing.

### DISCIPLINE 1: Child Development

Course	Outcomes
MHSCC-101: <b>Advance Human Development</b> (Core)	<ul style="list-style-type: none"> <li>• To undertake an advanced study of the stages in human development with special focus on stages from prenatal development to adulthood.</li> <li>• To understand the need for theory of Human Development.</li> </ul>
MHSEL301A/B/C: <b>Early Childhood Care and Education</b> (DEC)	<ul style="list-style-type: none"> <li>• To realize the importance of early years</li> </ul>
MHSEL302A/B/C: <b>Methods and Materials for Early Childhood Care and Education</b> (DEC)	<ul style="list-style-type: none"> <li>• To study different methods and techniques of understanding Human Development.</li> <li>• To apply the various methods in a practical context</li> </ul>
MHSEL401A/B/C: <b>Children with Special Needs</b> (DEC)	<ul style="list-style-type: none"> <li>• To develop competence in understanding the well being of children with special needs</li> </ul>
MHSEL402A/B/C: <b>Human Development- Theories and Current Trends</b> (DEC)	<ul style="list-style-type: none"> <li>• To understand and demonstrate the basics of knowledge relating to human development</li> </ul>
MHSCC-204: <b>Methods and Techniques of Assessment in Human Development</b>	<ul style="list-style-type: none"> <li>• To understand various techniques for studying human development</li> <li>• To make students aware about scientific methods for analysis of human development</li> </ul>

### DISCIPLINE II: Food and Nutrition

Course	Outcomes
MHSCC-102: <b>Food Science</b> (Core)	<ul style="list-style-type: none"> <li>• To provide an understanding of composition of various food stuffs.</li> <li>• To familiarize the students with changes occurring during processing and cooking.</li> </ul>
MHSCC-201: <b>Advance Nutrition</b> (Core)	<ul style="list-style-type: none"> <li>• To get an insight into interrelationships between various metabolic pathways.</li> <li>• To understand the mechanisms adopted by the human body</li> </ul>
MHSIER-301: <b>Dietetics and Therapeutic Nutrition</b>	<ul style="list-style-type: none"> <li>• To know the principles of diet therapy</li> <li>• To understand the modification of normal diet for</li> </ul>

(Interdepartmental Course)	therapeutic purposes
MHSEL301A/B/C: <b>Clinical and Therapeutic Nutrition</b> (DEC)	<ul style="list-style-type: none"> <li>To make the students understand the etiology and prevention of various diseases</li> </ul>
MHSEL302A/B/C: <b>Community Nutrition</b> (DEC)	<ul style="list-style-type: none"> <li>To be familiar with the common nutritional problems of the community.</li> <li>To get exposure of the schemes to combat malnutrition.</li> <li>To be aware of the health hazards related to food and water</li> </ul>
MHSEL401A/B/C: <b>Food Processing and Technology</b> (DEC)	<ul style="list-style-type: none"> <li>Enabling students to various methods for evaluating variety of foods.</li> <li>To understand and use various methods of preservation of food</li> </ul>
MHSEL402A/B/C: <b>Institutional Food Administration</b> (DEC)	<ul style="list-style-type: none"> <li>To understand the special characteristics of food service establishment.</li> <li>To learn manpower management techniques.</li> </ul>

### DISCIPLINE 3: Extension and Communication

Course	Outcomes
MHSCC-103: <b>Extension and Communication Concepts in Community Development</b> (Core)	<ul style="list-style-type: none"> <li>To be aware of the approaches to development.</li> <li>To understand the existing support structure for development efforts.</li> <li>To understand the process of communication in development work</li> </ul>
MHSCC-301: <b>Extension Programmes: Design &amp; Evaluation</b> (Core)	<ul style="list-style-type: none"> <li>To understand the process of programme planning in extension.</li> <li>To learn the principles and procedures involved in programme planning, implementation and evaluation.</li> </ul>
MHSEL301A/B/C: <b>Communication Technologies in Extension</b> (DEC)	<ul style="list-style-type: none"> <li>To impart knowledge and understanding of various communication systems.</li> <li>To enhance the versatility of the students in the selection and use of media in different socio-cultural environments.</li> <li>To impart skill in preparation of Computer Aided Media messages</li> </ul>
MHSEL302A/B/C: <b>Training and Development</b> (DEC)	<ul style="list-style-type: none"> <li>To understand the educational process in development</li> </ul>
MHSEL401A/B/C: <b>Gender in Extension and</b>	<ul style="list-style-type: none"> <li>To understand the concept, need, relevance and dimensions of gender empowerment.</li> <li>To get sensitized to gender disparities and problems</li> </ul>

<b>Development (DEC)</b>	<p>of women.</p> <ul style="list-style-type: none"> <li>To understand the efforts at different levels for empowering women</li> </ul>
MHSEL402A/B/C: <b>Community Health Management (DEC)</b>	<ul style="list-style-type: none"> <li>To understand the concept of health and health indices popularly used.</li> <li>To realize the health problems of the community and the scientific intervention</li> </ul>

#### **DISCIPLINE 4: Textiles and Clothing**

<b>Course</b>	<b>Outcomes</b>
MHSCC-203: <b>Textile Science (Core)</b>	<ul style="list-style-type: none"> <li>To understand the basics of textile with relation of material and techniques</li> </ul>
MHSEL301A/B/C: <b>Textiles Testing and Quality Control (DEC)</b>	<ul style="list-style-type: none"> <li>To understand the quality of textile and procedures involved in quality control</li> </ul>
MHSEL302A/B/C: <b>Fabric Ornamentation (DEC)</b>	<ul style="list-style-type: none"> <li>To understand the various techniques and procedures of fabric ornamentation</li> </ul>
MHSEL401A/B/C: <b>Advance Apparel Construction (DEC)</b>	<ul style="list-style-type: none"> <li>To study the protocols of selecting suitable fabrics for apparel construction</li> </ul>
MHSEL402A/B/C: <b>Textile Management (DEC)</b>	<ul style="list-style-type: none"> <li>To have an insight of current marketing needs in textile industry</li> </ul>

#### **DISCIPLINE 5: Family Resource Management**

<b>Course</b>	<b>Outcomes</b>
MHSCC-202: <b>Theory of Management (Core)</b>	<ul style="list-style-type: none"> <li>To understand the basic concepts of resource management</li> </ul>
MHSCC-302: <b>Ergonomics for Home Science (Core)</b>	<ul style="list-style-type: none"> <li>To study the principles of designing in terms of work efficiency</li> </ul>
MHSCC-401: <b>Entrepreneurship Management (Core)</b>	<ul style="list-style-type: none"> <li>To study basics of managing business related to Home Science</li> </ul>
MHSEL301A/B/C: <b>Management of Energy and House Hold Equipment (DEC)</b>	<ul style="list-style-type: none"> <li>To understand the concepts of managing energy and house hold equipments for better output</li> </ul>
MHSEL302A/B/C: <b>Resource Management (DEC)</b>	<ul style="list-style-type: none"> <li>To comprehend the necessity of sustainable usage of natural resources</li> </ul>
MHSEL401A/B/C: <b>Residential Interior Design (DEC)</b>	<ul style="list-style-type: none"> <li>To understand the needs of managing space with relation to needs and efficiency</li> </ul>

MHSEL402A/B/C: <b>Consumer Economics</b> (DEC)	<ul style="list-style-type: none"> <li>To comprehend the needs and demands in the local and international markets</li> </ul>
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**OTHERS: SEC, Practical, Dissertation etc**

Course	Outcomes
MHSCC-104: <b>Research Methodology</b> (Core)	<ul style="list-style-type: none"> <li>To understand the research methods specific to Home Science</li> </ul>
MHSCC-205: <b>Statistics and Computer Applications</b> (Core)	<ul style="list-style-type: none"> <li>To understand the significance of statistics and research methodology in Home Science</li> </ul>
MHSVC-101: <b>Fashion Designing- I</b> (VAC Credited)	<ul style="list-style-type: none"> <li>To understand the basics of fashion and designing through skill enhancement and garment components</li> </ul>
MHSVNC-201: <b>Garbh Sanskar</b> (VAC Non-credited)	<ul style="list-style-type: none"> <li>To understand the role of Pre-natal Care</li> <li>To aware students about all stages of pregnancy and related health issues</li> </ul>
MHSIN-301: <b>Summer Internship</b>	<ul style="list-style-type: none"> <li>To gain experience through technical training in the field conditions</li> </ul>
MHSMT-401: <b>Dissertation</b>	<ul style="list-style-type: none"> <li>To develop analytical understanding and writing skills</li> </ul>
MHSCC-105: <b>Practical</b> (Core) MHSCC-206: <b>Practical</b> (Core) MHSIRA-401: <b>Intradepartmental Course</b> (Practical)	<ul style="list-style-type: none"> <li>To learn laboratory based and scientific techniques</li> </ul>

- The department track how many of the students who successfully complete the course seek employment or go in for higher studies.
- Continuous assessment provides feedback on the efficacy of the teaching-learning process and learning outcomes of each course. This is in the form of assignments which are a part of the internal assessment as well as additional quizzes, tests and assignments which are periodically given to students.
- As part of the course outcomes of the various papers taught to students during the Masters' program, there is substantial scope of evaluation of opportunities for skill building, enhancement of conceptual understanding, training in research methodology, and experiential and fieldwork learning.
- All students undertake internship in organizations involved in development related activities like in social service, schools, industries and hospitals. They are evaluated

on this by the organization where they went for internship as well as a committee of teachers for their application of learning from across courses.

- Successful completion of courses like seminars and dissertation is also evaluated in a department committee. Every student prepares a research design, carries out fieldwork and writes a dissertation or thesis that is evaluated by external examiners.

## **LEARNING OUTCOMES:**

In contemporary times, Home Scientists promote capacity building of individuals and communities for social and economic empowerment. They train community women and youth from various strata of society for entrepreneurship. Many Home Scientists have done exceptionally well as entrepreneurs themselves. They do not remain job seekers but have also become job creators. They gain and provide employment in research organizations, food and textile industries, dietetic practice, education and child development domains, accreditation of green buildings, strategic planning and communication technologies.

Years of national and international experience in the field has contributed to the wisdom that all the five windows of opportunity that Home Science offers be opened for i.e. Food and Nutrition, Human Development, Resource Management, Extension and Communication and Fabric and Clothing and Textile. In this course, the students will learn the fundamental principles and foundations of all the five areas. They are expected to internalize the principle of a Home Scientist, that is, to give back to the community from which they draw, for sustainable development.

- Understand and appreciate the role of interdisciplinary sciences in the development and well-being of individuals, families and communities
- Understand the sciences and technologies that enhance the quality of life of people
- Acquire professional and entrepreneurial skills for economic empowerment of self in particular, and community in general
- Develop professional skills in food, nutrition, textiles, housing, product making, communication technologies and human development
- Take science from the laboratory to community.