

B. Sc. HOME SCIENCE

PROGRAMME SPECIFIC OUTCOMES

(Session 2020-2021)

Upon successful completion of this Programme, students will be able to:

PSO (1) - To develop holistic understanding about various fields of Home Science including Family Resource Management, Foods and Nutrition, Human Development and Family Relations, Clothing and Textiles

PSO (2) - To understand the fundamentals of house planning, kitchens, laws and terminology used in building of house, kitchen equipments and their applications.

PSO (3) - To develop understanding about developmental stages from infancy to old age and insight into different areas of human development including physical, motor, cognitive, social and emotional development.

PSO (4) - To gain knowledge about different diseases, therapeutic nutrition, food preservation and safety, role of dietician in feeding of patients.

PSO (5) - To develop deep understanding of conversion of textiles fibres into fabric undergoing various spinning, weaving, and finishing techniques.

PSO (6) – To demonstrate skill in using various surface ornamentation techniques as such as dyeing , printing and embroidery as well as garment design and construction.

PSO (7) – To develop Capacity to serve as dietician , child and family counsellors, designers, food therapies, and in many more community services.

PSO (8) – To make the students capable of oral and written communication.

Bachelor of Science (Home Science) (Semester-I)
(Session 2020-2021)
INTRODUCTION TO HUMAN DEVELOPMENT
(Theory)
COURSE CODE: BHSL-1283

COURSE OUTCOMES

Upon Completion of this Course the student should be able to

CO (1) – To develop knowledge about the history and scope of human development.

CO (2) – To gain understanding about the principles of development.

CO (3) – To understand the factors affecting growth and development, learning and maturation.

CO (4) – To understand the importance of fertilization.

CO (5) – To gain knowledge about the symptoms, care and complication of pregnancy.

CO (6) – To identify the factors affecting prenatal development.

CO (7) - To gain knowledge about the care of new born.

Bachelor of Science (Home Science) (Semester-I)
(Session 2020-2021)
HYGIENE
(Theory)
COURSE CODE: BHSL-1284

COURSE OUTCOMES

- CO (1) – To develop the knowledge about health hygiene, personal hygiene and immunity with its type.
- CO (2) – To understand the knowledge about disease caused by Typhoid, Jaundice, Cholera, Diarrhoea, Measles and mumps.
- CO (3) – To understand the knowledge about disease caused by vectors malaria, dengue, modes of spread, incubation periods with its symptoms and prevention.
- CO (4) – To develop the knowledge about disease caused by sexual contact HIV-AIDS and Eczema.

Bachelor of Science (Home Science) (Semester-I)
(Session 2020-2021)
BASIC FOOD AND NUTRITION
(Theory)
COURSE CODE: BHSM-1285

COURSE OUTCOMES

CO (1) – To develop the knowledge about introduction to nutrition and storage methods of cereals, pulses, eggs, poultry, vegetables and fruit.

CO (2) – To distinguish between the different types of cooking methods- dry heat, moist heat, frying and microwave cooking.

CO (3) – to understand the knowledge about classification, functions and food sources, requirement, deficiencies of carbohydrates.

CO (4) – To develop the knowledge about classification. Food sources, functions and deficiencies of proteins, fats and oils.

CO (5) – To understand the knowledge about energy, food as a source of energy, the body need of energy.

Bachelor of Science (Home Science) (Semester-I)
(Session 2020-2021)
BASIC FOOD AND NUTRITION
(Practical)
COURSE CODE: BHSM-1285

COURSE OUTCOMES

Co (1) – To identify the different food stuff, weight and measures and cooking.

CO (2) – To distinguish between different types of cooking methods.

CO (3) – To develop the knowledge about cleaning of kitchen equipments, utensils, floor and cupboard.

Bachelor of Science (Home Science) (Semester-I)
(Session 2020-2021)
APPLIED ART
(Theory)
COURSE CODE: BHSM-1286

COURSE OUTCOMES

CO (1) - To understand the importance of art, its tools and techniques.

CO (2) - To gain knowledge about the types of elements of art- line, form, texture.

CO (3) – To understand the characteristics of colours.

CO (4) – To gain knowledge about the principles of design.

CO (5) - To identify the objectives of art , beauty, functionalism and expressiveness.

CO (6) – To gain knowledge about the materials used for Rangoli.

Bachelor of Science (Home Science) (Semester-I)
(Session 2020-2021)
APPLIED ART
(Practical)
COURSE CODE: BHSM-1286

COURSE OUTCOMES

CO (1) - To enable them to draw rangoli designs for different occasions – Diwali, Exhibition Hall, Child's birthday.

CO (2) – To gain knowledge about different colour schemes and use them in design.

CO (3) – To enable them to make articles of fabric painting, glass painting, greeting card.

Bachelor of Science (Home Science) (Semester-II)
(Session 2020-2021)
FAMILY AND SOCIAL WELFARE
COURSE CODE: BHSL-2283
(Theory)

COURSE OUTCOMES

Upon completion of this course the students will be able to

CO (1) - To develop awareness about family and social welfare

CO (2) - To develop understanding about meaning and types of adjustments. Problems in adjustments and to overcome them.

CO (3) – To recognize the needs and importance of family plan

CO (5) - TO distinguish between the various types of parenting techniques.

CO (6) - To understand the role of family in socialization

CO (7)- To develop knowledge of family and child welfare programme

Bachelor of Science (Home Science) (Semester-II)
(Session 2020-2021)
ELEMENTARY PHYSIOLOGY
COURSE CODE: BHSL-2284
(Theory)

COURSE OUTCOMES

CO (1) – To develop h knowledge of human cell, their functions and different organs like skin, tissues.

CO (2) – To develop the elementary knowledge of functions of cardiovascular system.

CO (3) – To develop the elementary knowledge of structure and functions of urinary system.

CO (4) – TO understand the elementary Knowledge of structure and functions of male andfemale reproductive organs.

CO (5) – To develop the elementary knowledge of location and functions of endocrine glands and structure and functioning of brain.

Bachelor of Science (Home Science) (Semester-II)
(Session 2020-2021)
INTRODUCTION TO FAMILY RESOURCE MANAGEMENT
COURSE CODE: BHSM-2285
(Theory)

COURSE OUTCOMES

CO (1) - To know about Resources and there types and to understand how to manage these resources in our daily life.

CO (2) - Understands the basic steps in decision making process and how to resolve the conflicts in family.

CO (3) - The students will be Capable of managing any resource with its process and to know the role of communication in effective management.

CO (4) - Understand the basic management of specific resource and work simplification.

Bachelor of Science (Home Science) (Semester-II)
(Session 2020-2021)
INTRODUCTION TO FAMILY RESOURCE MANAGEMENT
COURSE CODE: BHSM – 2285
(Practical)

COURSE OUTCOMES

CO (1):- To develop the knowledge to classify different functions and requirements of fat soluble vitamin and water soluble vitamin.

CO (2):- To identify the bio-availability, requirement and deficiency of different vitamins.

CO (3):- To develop the knowledge of food preservation, food spoilage and principle of food preservation.

CO (4):- To develop the knowledge of food adulteration and standards, toxic effects of food adulteration.

CO (5):- To develop the knowledge of food hygiene in purchasing, preparation, cooking and serving of food.

Bachelor of Science (Home Science) (Semester-II)
(Session 2020-2021)

ADVANCE FOOD AND NUTRITION

COURSE CODE: BHSM – 2286

(Theory)

COURSE OUTCOMES

CO (1):- To develop the knowledge to classify different functions and requirements of fat soluble vitamin and water soluble vitamin.

CO (2):- To identify the bio-availability, requirement and deficiency of different vitamins.

CO (3):- To develop the knowledge of food preservation, food spoilage and principle of food preservation.

CO (4):- To develop the knowledge of food adulteration and standards, toxic effects of food adulteration.

CO (5):- To develop the knowledge of food hygiene in purchasing, preparation, cooking and serving of food.

Bachelor of Science (Home Science) (Semester-II)
(Session 2020-2021)

ADVANCE FOOD AND NUTRITION

COURSE CODE: BHSM – 2286

(Practical)

COURSE OUTCOMES OF

CO1:- To develop knowledge about different nutrients.

CO2:- To develop knowledge about therapeutic diets.

CO3:- To enhance the cooking skills with absorbing more nutrients.

CO4:- To develop knowledge about different food groups.

SEMESTER-III

Bachelor of Science (Home Science) (Semester-III)
(Session 2020-2021)
DEVELOPMENTAL STAGES UPTO CHILDHOOD
(Theory)
COURSE CODE: BHSL-3281

COURSE OUTCOME

CO (1): To Understand developmental tasks from infancy to childhood

CO (2): To understand developmental stages from infancy to childhood

CO (3): To get insight into the different areas of development across the life span i.e. physical, motor, cognitive, language, social & emotional.

CO (4): To discuss the factors affecting development till childhood.

CO (5): To get insight into the concept of early childhood care and education.

Bachelor of Science (Home Science) (Semester-III)
(Session 2020-2021)
HOUSING
(Theory)
COURSE CODE: BHSM-3285

COURSE OUTCOME

CO (1): To Understand house related concept.

CO (2): To discuss the selection and principles of house planning.

CO (3): To get insight into the building material used in construction of house.

CO (4): To discuss different housing financing agencies.

CO (5): To get insight into the concept of building by laws used for house construction and terminologies used in house construction

Bachelor of Science (Home Science) (Semester-III)
(Session 2020-2021)
HOUSING
(Practical)
COURSE CODE: BHSM-3285

COURSE OUTCOME:

CO 1: To introduce house planning: symbols and terms.

CO 2: To draw different types of floor plans.

CO 3: To draw different type of house plans according to principles of planning.

Bachelor of Science (Home Science) (Semester-III)
(Session 2020-2021)
MEAL MANAGEMENT
(Theory)
COURSE CODE: BHSM-3286

COURSE OUTCOMES:-

CO (1): To understand the concept of recommended dietary allowances, food groups, exchange list and balanced diet.

CO (2): To discuss principal of meal planning and nutritional requirements of men and women with different conditions

CO (3): To get the insight of the concept growth and development of preschooler, school going children and adolescent boys and girls.

CO (4): To understand the nutritional requirement during infancy.

Bachelor of Science (Home Science) (Semester-III)
(Session 2020-2021)
MEAL MANAGEMENT
(Practical)
COURSE CODE: BHSM-3286

COURSE OUTCOME:

CO (1): To understand the concept of Standardize Proportion Size.

CO (2): To discuss meal planning and nutritional requirements of men and women with different conditions

CO (3): To get the insight of the concept growth and development of preschooler, school going children and adolescent boys and girls.

CO (4): To understand the nutritional requirement during infancy with their Calculations.

Bachelor of Science (Home Science) (Semester-III)
(Session 2020-2021)
TEXTILE SCIENCE
(Theory)
COURSE CODE: BHSM-3287

COURSE OUTCOME:-

- CO (1). To get the concept of textile fibres and their classification and their properties.
- CO (2). To discuss about origin, production and properties of different fibres.
- CO (3). To get the insight of concept yarn and its classification.
- CO (4). To understand different fabric construction techniques and their method.
- CO (5) .To discuss different bleaches, finishes, dyeing and printing.
- CO (6).To get the insight of concept laundering and care of textile fabrics

Bachelor of Science (Home Science) (Semester-III)
(Session 2020-2021)
TEXTILE SCIENCE
(Practical)
COURSE CODE: BHSM-3287

COURSE OUTCOMES

CO 1: To make the students familiar with Fiber Identification art- Physical, burning, microscopic test.

CO 2 : To experiment with surface ornamentation techniques such as tie & dye , Block , screen
and Stencil Printing

CO 3: To learn basic stain removal techniques used in daily life.

CO 4: To learn about informative labels on garments.

Bachelor of Science (Home Science) (Semester-IV)
(Session 2020-2021)
DEVELOPMENTAL STAGES TILL OLD AGE
(Theory)
COURSE CODE: BHSL-4281

COURSE OUTCOMES

CO (1): To understand developmental stages till old age.

CO (2): To discuss the factors affecting development till old age.

CO (3): To get insight into developmental task of different stage.

CO (4): To understand the roles of society and parents in developmental stages.

Bachelor of Science (Home Science) (Semester-IV)
(Session 2020-2021)
KITCHEN DESIGN AND ITS EQUIPMENTS
(Theory)
COURSE CODE: BHSL-4283

COURSE OUTCOMES

CO (1). To understand about different type of kitchen, kitchen geometry and efficient kitchen planning.

CO (2). To discuss about selection and efficient use of different equipment, selection and care of household equipment.

CO (3). To understand the characteristics and care of different material example iron, steel, tin, copper etc

CO (4). To understand different finishes of household equipments.

Bachelor of Science (Home Science) (Semester-IV)

SESSION: 2020-21

**KITCHEN DESIGN & ITS EQUIPMENT
(PRACTICAL)**

COURSE CODE: BHSM-4283

COURSE OUTCOME:

CO 1: To draw different type of kitchens with colour scheme.

CO 2: To study the method and material used for cleaning of different utensils.

CO 3: To study the method and material used for cleaning of electrical equipments used in home.

Bachelor of Science (Home Science) (Semester-IV)

SESSION: 2020-21

QUANTITY FOOD PRODUCTION & SERVICE

(Theory)

COURSE CODE: BHSM-4284

COURSE OUTCOME:

CO (1). To understand about different food services.

CO (2). To get the concept of menu planning and importance of personal hygiene of food handlers.

CO (3). To discuss about food management, food purchasing and preparation of different foods.

CO (4). To understand the effective use of leftover food, food production system and effect of cooking method on nutritional quality of food.

Bachelor of Science (Home Science) (Semester-IV)
SESSION: 2020-21
QUANTITY FOOD PRODUCTION & SERVICE (PRACTICAL)
COURSE CODE: BHSM-4284

COURSE OUTCOME:

CO 1: To prepare them for event management.

CO 2: To give hands on training for commercial cooking

CO 3: To make them clear about the nutritive calculations of various recipes.

Bachelor of Science (Home Science) (Semester-IV)
SESSION: 2020-21

TRADITIONAL EMBROIDERIES, TEXTILES AND COSTUMES OF INDIA
(Theory)
COURSE CODE: BHSM-4285

COURSE OUTCOME:-

CO (1). To get the insight of different embroideries of various state of India.

CO (2). To discuss about various traditional fabrics of different states.

CO (3). To understand about different dye and printed fabrics.

CO (4). To understand traditional costumes of different state of India.

Bachelor of Science (Home Science) (Semester-IV)
SESSION: 2020-21

TRADITIONAL EMBROIDERIES, TEXTILES AND COSTUMES OF INDIA
(Practical)
COURSE CODE: BHSM-4285

COURSE OUTCOME:

CO 1: To study and develop designs for basic embroidery stitches.

CO 2: To study and develop designs for Traditional embroideries.

CO 3: To make use of any traditional embroidery on an article.

SEMESTER-V

**Bachelor of Science (Home Science) (Semester-V)
(Session 2020-2021)**

**CHILD PSYCHOLOGY
(Theory)**

COURSE CODE: BHSL-5281

COURSE OUTCOMES

1. To introduce the concept of psychology and Child psychology.
2. To study the development of aspects such as attention, memory and learning.
3. To study the development phases in childhood with respect to these aspects.
4. To link the study of development with the discipline of psychology in accordance to different theories.
5. To provide systematic knowledge of the foundation of human behaviour.

Bachelor of Science (Home Science) (Semester-V)
(Session 2020-2021)
INTRODUCTION TO EXTENSION EDUCATION AND COMMUNITY DEVELOPMENT
(Theory)
COURSE CODE: BHSL-5282

COURSE OUTCOMES:

CO 1 To understand about the concept of education and its different forms.

CO 2 To gain the knowledge about extension services provided by agricultural universities.

CO 3 To make the students familiar about roles of extension and home science education in rural development.

CO 5 To learn the concept of community development.

CO 6 To gain the knowledge about different rural development programs.

CO 7 To get the insight into Panchayati Raj System and its functions

Bachelor of Science (Home Science) (Semester-V)
(Session 2020-2021)
INTERIOR SPACE DESIGNING
(Theory)
COURSE CODE: BHSM-5284

COURSE OUTCOMES:

1. To study the objectives and importance of Home Interior Designing.
2. To study and orient the students towards present and future trends in furnishing material, flooring and curtains etc.
3. To plan furniture and color schemes for different rooms, age groups and gender.
4. To build the ability to apply various elements and principles of design in interiors.

Bachelor of Science (Home Science) (Semester-V)
(Session 2020-2021)
INTERIOR SPACE DESIGNING
(Practical)
COURSE CODE: BHSM-5284

Course outcomes :

1. To acquaint the students with standard measurements of furniture.
2. To enable them to make templates of different furniture items.
3. To plan and execute various color schemes.
- 4 To develop color scheme samples of drawing room, bedroom, children room etc.
5. To study and collect various furnishing material and develop a scrap book.

Bachelor of Science (Home Science) (Semester-V)
(Session 2020-2021)
THERAPEUTIC NUTRITION
(Theory)
COURSE CODE: BHSM-5285

Course outcomes:

- 1.To gain insight into objectives and concept of therapeutic diet.
- 2.To develop adaptations of normal diets into therapeutic diets.
3. To understand the concept of therapeutic nutrition in different diseases infections and fevers.
4. To gain knowledge of dietary modifications and management techniques

Bachelor of Science (Home Science) (Semester-V)
(Session 2020-2021)
THERAPEUTIC NUTRITION
(Practical)
COURSE CODE: BHSM-5285

Course outcomes

1. To develop therapeutic diets according to special requirements of nutrients.
2. To calculate the nutritive value of diets.
3. To study the nutritive value of diets given in different diseases.
4. To develop entrepreneurship skills in students.
5. To encourage the students to set up a diet clinic.

Bachelor of Science (Home Science) (Semester-V)
(Session 2020-2021)
BASIC CONCEPTS OF SEWING AND FASHION
(Theory)
COURSE CODE: BHSM-5286

Course outcomes:

1. To impart knowledge about sewing, it's equipment's and supplies.
2. To develop an understanding of basic sewing techniques.
3. To study various concepts of fashion, theories and terminology.
4. To study the cycle of fashion and importance to consumer.
5. To develop an understanding of fashion merchandising and its process.

Bachelor of Science (Home Science) (Semester-V)
(Session 2020-2021)
BASIC CONCEPTS OF SEWING AND FASHION
(Practical)
COURSE CODE: BHSM-5286

COURSE OUTCOMES

1. To enable the students make basic hand and machine samples
2. To incorporate design features. Trimmings and other notions in designing
3. To enable the students in stitching of various collars and sleeves
4. To make the students familiar with the stitching of children garments

Bachelor of Science (Home Science) (Semester-VI)
(Session 2020-2021)
BEHAVIOURAL PSYCHOLOGY (Theory)
COURSE CODE: BHSM-6281

COURSE OUTCOMES

1. To study the concept of intelligence and its measurement.
2. To gain knowledge about personality, its social factors and assessment.
3. To identify the behaviour disorders, its factors and ways of preventing.
4. To study the concept of disability.
5. To classify various impairments and their causes, prevention, education and rehabilitation.

Bachelor of Science (Home Science) (Semester-VI)
(Session 2020-2021)
BEHAVIOURAL PSYCHOLOGY (Practical)
COURSE CODE: BHSM-6281

COURSE OUTCOMES

1. To conduct a case study on a child to study socio-psychological dimension.
2. To assess personality using two different techniques.
3. To assess intelligence using two different techniques.
4. A visit to guidance/counselling cell.

Bachelor of Science (Home Science) (Semester-VI)
(Session 2020-2021)
INTERIOR DECORATION (Theory)
COURSE CODE: BHSM-6282

COURSE OUTCOMES

1. To understand the concept of Decorative and false ceiling.
2. To gain knowledge about good lighting and lighting needs for various activities and rooms.
3. To study different types of windows.
4. To study different types of curtains and draperies and their suitability.
5. To understand the importance of flower arrangement and its types.
6. To gain knowledge about equipments and accessories needed for flower arrangement.
7. To study the importance, types and selection of accessories used in rooms.

Bachelor of Science (Home Science) (Semester-VI)
(Session 2020-2021)
INTERIOR DECORATION (Practical)
COURSE CODE: BHSM-6282

COURSE OUTCOMES

1. To make elevation on walls, show lighting, windows and accessories in rooms.
2. To make fresh flower arrangement.
3. To make any furnishing article.

Bachelor of Science (Home Science) (Semester-VI)
(Session 2020-2021)
COMMUNITY NUTRITION (Theory)
COURSE CODE: BHSM-6283

COURSE OUTCOMES

1. To understand the concept of community, health and related terms.
2. To gain knowledge about methods of enhancing nutritive value of food.
3. To assess the nutrition status using different methods.
4. To study the channels of nutrition education in the community.
5. To understand the concept of planning and implementation of nutrition education programme.
6. To study different national nutrition programme and policies.
7. To gain knowledge about role of national and international agencies in community nutrition.

Bachelor of Science (Home Science) (Semester-VI)
(Session 2020-2021)
COMMUNITY NUTRITION (Practical)
COURSE CODE: BHSM-6283

COURSE OUTCOMES

1. To cook recipes and calculate their cost and nutritive values.
2. To assess the nutritional status of different vulnerable groups.
3. To develop different audio-visual aids for imparting knowledge.
4. To plan, implement and evaluate the nutrition education for target groups.
5. To visit school to see the functioning of mid day meal programme.

Bachelor of Science (Home Science) (SEMESTER-VI)
SESSION 2020-21

GARMENT DESIGNING & CONSTRUCTION
Course Code: BHSM-6284
(Theory)

COURSE OUTCOMES

1. To identify different types of fabrics.
2. To understand the importance of labels.
3. To study the factors affecting selection of clothes for different age groups.
4. To study the use of lines in improving human figure.
5. To provide knowledge about anthropometry.
6. To gain knowledge about common fitting problems and methods of correcting them.
7. To get insight into pattern manipulation and its principles.

Bachelor of Science (Home Science) (SEMESTER-VI)
SESSION 2020-21

GARMENT DESIGNING & CONSTRUCTION
Course Code: BHSM-6284
(Practical)

COURSE OUTCOMES

1. To introduce basic sketching techniques.
2. To draft and stitch different dresses like frock, ladies blouse, ladies shirt, ladies salwar, ladies kurta, ladies nighty etc.

Bachelor of Science (Home Science) (SEMESTER-VI)
SESSION 2020-21

COMMUNICATION AND AUDIO VISUALS IN EXTENSION WORK
Course Code: BHSM-6285
(Theory)

COURSE OUTCOMES

1. To understand the concept of communication, its importance, scope, functions and problems.
2. To study the selection of channel and teaching tools.
3. To get insight into audio-visual aids.
4. To study different audio-visual aids.
5. To gain knowledge about programme planning.
6. To develop and plan of work, its importance and selection of subject matter.

Bachelor of Science (Home Science) (SEMESTER-VI)
SESSION 2020-21
COMMUNICATION AND AUDIO VISUALS IN EXTENSION WORK
Course Code: BHSM-6285
(Practical)

COURSE OUTCOMES

1. To prepare different audio-visual aids like charts, posters, flash cards, pamphlet etc.
2. To prepare lesson plan.
3. A visit to impart extension education.