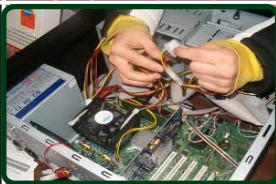
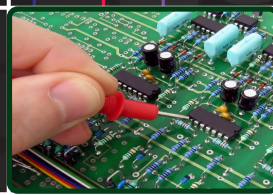


SANGAI INTERNATIONAL UNIVERSITY



Syllabus B.Sc. Home Science

Syllabus B.Sc. Home Science



PROPOSED SYLLABUS

of

B.Sc. Home Science
Choice Based Credit System

UGC, 2015

B.SC. HOME SCIENCE

Semester	Course Opted	Course Name	Credits
I	Ability Enhancement Compulsory Course - I	English Communications/ Environmental Science	2
	CC-1 Theory	Communication and Extension	4
	CC -1 Practical	Communication and Extension Practical	2
	CC -2 Theory	Resource Management	4
	CC -2 Practical	Resource Management Practical	2
	CC- 3 Theory	Fashion Studies	4
	CC- 3 Practical	Fashion Studies Practical	2
II	Ability Enhancement Compulsory Course - II	English Communications/ Environmental Science	2
	CC-4 Theory	Fundamentals of Nutrition and Food Science	4
	CC-4 Practical	Fundamentals of Nutrition and Food Science Practical	2
	CC-5 Theory	Life Span Development I	4
	CC-5 Practical	Life Span Development I Practical	2
	CC-6 Theory	Fundamentals of Textiles	4
	CC-6 Practical	Fundamentals of Textiles Practical	2
III	CC-7 Theory	Physical Sciences	4
	CC-7 Practical	Physical Sciences Practical	2
	CC-8 Theory	Life Span Development II	4
	CC-8 Practical	Life Span Development II Practical	2
	CC-9 Theory	Nutrition for the Family	4
	CC-9 Practical	Nutrition for the Family Practical	2
	SEC-1	SEC-1	2
IV	CC-10 Theory	Life Sciences	4
	CC-10 Practical	Life Sciences Practical	2
	CC-11 Theory	Personal Finance and Consumer Studies	4
	CC-11 Practical	Personal Finance and Consumer Studies Practical	2
	CC-12 Theory	Communication Systems and Social Change	4
	CC-12 Practical	Communication Systems and Social Change Practical	2
	SEC-2	SEC-2	2
V	SEC - 3	SEC - 3	2
	DSE -1 A Theory	DSE -1 A Theory	4
	DSE -1 A Practical	DSE -1 A Practical	2
	DSE -2 A Theory	DSE -2 A Theory	4
	DSE -2 A Practical	DSE -2 A Practical	2
	DSE -3 A Theory	DSE -3 A Theory	4
	DSE -3 A Practical	DSE -3 A Practical	2
VI	SEC -4	SEC - 4	2
	DSE -1 B Theory	DSE -1 B Theory	4
	DSE -1 B Practical	DSE -1 B Practical	2
	DSE -2 B Theory	DSE -2 B Theory	4
	DSE -2 B Practical	DSE -2 B Practical	2
	DSE -3 B Theory	DSE -3 B Theory	4
	DSE -3 B Practical	DSE -3 B Practical	2
		Total	120

***Any 4 DSE, 2 SEC AND 4 GE to be picked up by the student from the pool.**

Preamble

Home Science has contributed a great deal towards national development by training students to take up leadership roles in extension and community outreach programs. The students are encouraged to develop a scientific temper. Familiarizing them with the use of newer technologies, methods in family and community linkages, and sustainable use of resources for human development are the hall mark of education in Home Science. As a discipline Home Science integrates the ingredients of the sciences, social sciences and technology to facilitate the study of and enhance the quality of human life. Its approach is therefore inherently interdisciplinary. Traditionally, Home Science has adopted an ecological approach in its curriculum that engages the student through teaching, research and extension. The education process in Home Science underscores the importance of the individual's dynamic relationship with his/her family, community and society as a whole, as well as with the resources in the environment. Higher education learning in Home Science subjects provides students the opportunity to sharpen their capacities with a sense of social responsibility.

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. Keeping in view the growing aspirations of today's youth and the capacity of Home Science discipline to deliver, the present 3-year choice based credit system has been drawn up.

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, i.e. Food and Nutrition, Human Development and Childhood Studies, Resource Management and Design Application, Development Communication and Extension and Fabric and Apparel Sciences. 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. This is a major contribution of Home Science in both developed and developing societies.

The University Grants Commission's model 2001 curriculum of Home Science reflects a similar philosophy.

The objectives of the present B.Sc. Program Home Science course are:

- To understand and appreciate the role of interdisciplinary sciences in the development and well-being of individuals, families and communities
- To learn about the sciences and technologies that enhance quality the life of people

- To acquire professional and entrepreneurial skills for economic empowerment of the student in particular, and community in general
- To develop professional skills in food, nutrition, textiles, housing, product making, communication technologies and human development
- To take science from the laboratory to the people

B.SC. HOME SCIENCE

Semester No.	Core Course	Ability Enhancement Compulsory Course (AECC) (2)	Skill Enhancement Course (SEC) (4)	Elective : Discipline Specific Courses (6)
I	CC1:Communication and Extension	English/EVS		
	CC 2: Resource Management			
	CC 3: Fashion Studies			
II	CC 4: Fundamentals of Nutrition and Food Science	English/EVS		
	CC 5: Life Span Development I			
	CC 6 : Fundamentals of Textiles			
III	CC 7: Physical Sciences		SEC 1	
	CC 8: Life Span Development II			
	CC 9: Nutrition for the Family			
IV	CC 10: Life Sciences		SEC 2	
	CC 11 : Personal Finance and Consumer Studies			

	CC 12 : Communication Systems and Social Change			
V			SEC.3	DSE I (1/2/3/4/5)A
				DSE II (1/2/3/4/5) A
				DSE III (1/2/3/4/5) A
VI			SEC. 4	DSE I (1/2/3/4/5)B
				DSE II (1/2/3/4/5) B
				DSE III (1/2/3/4/5) B

CORE COURSES (12 Courses) Total Credits 72

(6 Credits each Theory 4 Credits +Practical 2 Credits =6)

CC1: Communication and Extension Theory 4 Credits +Practical 2 Credit

CC 2: Resource Management Theory 4 Credits +Practical 2 Credit

CC 3: Fashion Studies Theory 4 Credits +Practical 2 Credit

CC 4: Fundamentals of Nutrition and Food Science Theory 4 Credits +Practical 2 Credit

CC 5: Life Span Development I Theory 4 Credits +Practical 2 Credit

CC 6 : Fundamentals of Textiles Theory 4 Credits +Practical 2 Credit

CC 7: Physical Sciences Theory 4 Credits +Practical 2 Credit

CC 8: Life Span Development II Theory 4 Credits +Practical 2 Credit

CC 9: Nutrition for the Family Theory 4 Credits +Practical 2 Credit

CC 10: Life Sciences Theory 4 Credits +Practical 2 Credit

CC 11 : Personal Finance and Consumer Studies Theory 4 Credits +Practical 2 Credit

CC 12 : Communication Systems and Social Change Theory 4 Credits +Practical 2 Credit

DISCIPLINE SPECIFIC ELECTIVE (6 Courses) Total Credits -36

(6 Credits Each – Theory 4 Credits +Practical 2 Credits)

DSE 1A: Nutritional Biochemistry Theory 4 Credits +Practical 2 Credit

DSE-1B: Public Nutrition and Dietetics Theory 4 Credits +Practical 2 Credit

DSE 2A : Children with Disabilities Theory 4 Credits +Practical 2 Credit

DSE 2B : Child Rights and Gender Empowerment Theory 4 Credits +Practical 2 Credit

DSE 3A: Communication for Development Theory 4 Credits +Practical 2 Credit

DSE 3B: Extension Management Theory 4 Credits +Practical 2 Credit

DSE 4A: Processes in Apparel Design Theory 4 Credits +Practical 2 Credit

DSE 4B : Traditional Indian Textiles Theory 4 Credits +Practical 2 Credit

DSE 5A: Entrepreneurship Development Theory 4 Credits +Practical 2 Credit

DSE 5B: Basics of Design Application Theory 4 Credits +Practical 2 Credit

SKILL ENHANCEMENT COURSES (4 Courses) Total Credits – 8

(2 Credits Each Theory 2 Credits or Theory 1 + Practical 1Credit or Practical's 2 Credits)

SEC 1: Sociology of Working with Families and Communities Theory 2 Credit

SEC 2: Understanding Psychology Theory 2 Credit

SEC 3 : Overview of Indian Economy Theory 2 Credit

SEC 4: Human Physiology Theory 2 Credit

SEC 5: Bakery Science Practical 2 Credit

SEC-6: Home Based Catering Theory 2 Credit

SEC 7: Nutrition and Fitness Theory 2 Credit

SEC 8: Early Childhood Care and Education Practical 2 Credit

SEC 9: Adolescents' Relations and Well-Being Practical 2 Credit

SEC 10: Training for Development Practical 2 Credit
SEC 11: Advocacy and Behavior Change Communication Practical 2 Credit
SEC 12: Textile Design Practical 2 Credit
SEC 13: Computer Applications in Fashion Design Practical 2 Credit
SEC 14: Resource Management and Sustainable Development Practical 2 Credit
SEC 15: Autocad and Space Planning Practical 2 Credit
SEC 16: Social Media and Digital Communication Practical 2 Credit
SEC 17: Basics of Design Practical 2 Credit
SEC 18: Computer Applications in Communication and Media Design Practical 2 credits
SEC 19: Information, Education and Communication Material for Development Practical 2 credits
SEC 20: House Keeping Theory 2 credits
SEC 21: Travel and Tourism Theory 2 credits
SEC 22: Nutrition Health Communication Theory 2 credits
SEC 23: Biophysics Theory 2 credits
SEC 24: Life Skills Education Theory 2 credits
SEC 25: Activities and Resources for Child Development – I Practical 2 credits
SEC 26: Activities and Resources for Child Development II Practical 2 credits
SEC 27: Product Development in Textiles and Apparel Practical 2 credits
SEC 28: Image Styling Practical 2 credits
SEC 29: Fashion Illustration Practical 2 credits
SEC 30: NGO Management & CSR Theory 2 credits

Total Credits 72 Core + 36 DSE + 8 SEC + 4 AECC = 120 Credits