

## B.Sc(Home Science) – Syllabus 2011

### SEMESTER WISE DISTRIBUTION OF COURSES

#### I Year I Semester

Sl.No	Course No	Course Title	Credit Hours	Page No
1	ENG 101	English for Effective Communication	0+1	11
2	MAT 111	Applied Mathematics	1+1	12
3	COM 111	Fundamentals of Information Technology	1+1	14
4	SAC 101	Principles of Analytical Chemistry	1+1	17
5	FSN 101	Fundamentals of Nutrition	2+1	20
6	FRT 101	Fundamentals of Art and Design	2+1	23
7	AGR 121	Production Technology of Field Crops	1+1	25
8	NSS/ NCC 101	NSS/NCC	0+1	27
9	PED 101	Physical Education	0+1	32
<b>Total</b>			<b>8+9 = 17</b>	

#### I Year II Semester

Sl.No	Course No	Course Title	Credit Hours	Page No
1	HOR 111	Fundamentals of Horticulture	1+1	37
2	ENS 101	Principles of Environmental Sciences	1+1	39
3	AFT 101	Processing of Fiber to Fabric	2+1	42
4	HDT 101	Life Span Development	2+1	45
5	AEC 101	Principles of Agricultural Economics	1+1	47
6	PBG 141	Crop Systematics and Plant Genetics	2+1	50
7	HEX 101	Rural Sociology & Educational Psychology	2+1	53
8	BIC 101	Fundamentals of Biochemistry	2+1	56
<b>Total</b>			<b>13+8 =21</b>	

#### II year III semester

Sl.No	Course No	Course Title	Credit Hours	Page No
1	AMP 201	Live Stock and Poultry Production Technology	2+1	61
2	AGM 221	General Microbiology	2+1	64
3	BIC 252	Biochemistry of Food Processing and Preservation	2+1	68
4	FSN 201	Principles of Food Science	2+1	70
5	HDT 201	Developmental Psychology	2+1	73
6	AFT 201	Garment Construction	2+1	76
7	FRT 201	Principles of Family Resource Management	2+1	78
<b>Total</b>			<b>14+7=21</b>	

II year IV semester

Sl.No	Course No	Course Title	Credit Hours	Page No
1	ARM 201	Fundamentals of Agri Business Management	1+1	84
2	ABT 201	Principles of Biotechnology	1+1	86
3	ERG 211	Renewable Energy	1+0	88
4	STA 211	Applied Statistics	1+1	91
5	AFT 202	Fashion Designing	2+1	94
6	FSN 202	Therapeutic Nutrition	2+1	97
7	HEX 201	Communication & Instructional Technology	2+1	99
8	HEX 202	Short Tour - I	0+1	102
9	FRT 202	Housing and Space Management	2+1	102
10	HDT 202	Management of Child Care Institutions	2+1	105
<b>Total</b>			<b>14+9=23</b>	

III year V semester

Sl.No	Course No	Course Title	Credit Hours	Page No
1	NST 301	Fundamentals and Applications of Nanotechnology	1+0	111
2	HEX 301	Short Tour -II	0+1	112
3	FPE 301	Post Harvest and Food Engineering	1+1	112
4	AEN 301	Economic Entomology	2+1	115
5	AGM 301	Biotechnology in Food Fermentation	2+1	115
6	ENS 341	Environmental Microbiology and Occupational Health Hazard	2+1	118
7	HPY 301	Human Physiology	2+1	121
8	FSN 301	Processing of Animal Foods	2+1	124
9	AFT 301	Fashion Merchandising	2+1	126
<b>Total</b>			<b>14+8=22</b>	

III year VI semester

Sl.No	Course No	Course Title	Credit Hours	Page No
1	ENG 301	Soft skills for Employability	0+1	135
2	HOR 312	Production Technology of Flowers, Medicinal & Aromatic Plants	2+1	138
3	AEC 302	Agricultural Marketing, Trade and Price	1+1	142
4	FSN 302	Food Processing Technology	2+1	145
5	HEX 302	Extension Management and Programme Planning	2+1	148
6	HDT 301	Family Guidance and Counseling	2+1	151
7	FRT 301	Introduction to Ergonomics	2+1	154
8	EXP 301	Experiential Learning - I	0+5	156
<b>Total</b>			<b>11+12=23</b>	

IV year VII semester

Sl. No.	Course No	Course Title	Credit Hours	Page No
1	HEX 401	Rural Home Science Work Experience	0+6	175
2	HPW 401	Project Work	0+4	176
3	HEX 402	All India Tour	0+1	176
<b>Total</b>			<b>0+11</b>	

IV Year VIII Semester

Sl. No.	Course No	Course Title	Credit Hours	Page No
1	TAM/ ENG 401	jkpH; ,yf;fpaj;jpy; kidapaYk; mwptpay; jkpH; gad;ghLk; Development Education for Non Tamil Students	0+1	179
2	AEC 401	Agricultural Finance, Banking and Cooperation	1+1	182
3	ENS 451	Pollution Control in Food Industries	2+1	185
4	FSN 401	Food Quality Control	2+1	188
5	AFT 401	Apparel Industry Management	2+1	191
6	AFT 402	Textile Finishes	2+0	193
7.	HEX 403	Mass Communication and Journalism	2+1	195
8	EXP 401	Experiential Learning - II	0+5	198
<b>Total</b>			<b>11+11=22</b>	

**ABSTRACT - 2011**

**SEMESTER WISE DISTRIBUTION OF COURSES AND CREDITS**

Semester No	No of Courses	Credit hours		Total
		Theory	Practical	
I	9	8	9	17
II	8	13	8	21
III	7	14	7	21
IV	10	14	9	23
V	9	14	8	22
VI	8	11	12	23
VII	3	0	11	11
VIII	8	11	11	22
Total	62	85	75	160

**Core Courses**

Courses	Credits
Main	69
Experiential learning	10
RHWEP, Project, tour	13
<b>Total</b>	<b>92</b>

**Abstract**

Courses	Credits	Percentage
Common	19	42.5
Supporting	49	
Core	92	57.5
<b>Total</b>	<b>160</b>	<b>100</b>