

1. CLOTHING AND TEXTILES

M.Sc. Clothing & Textiles

Core Courses (13 credits)

HCT-528	Fibre Science	3(3-0-0)
HCT-529	Advanced Pattern Making	3(0-0-3)
HCT-530	Advanced Textile Designing	3(1-0-2)
HCT-531	Textile Quality Analysis	3(2-0-1)
HCT-600	Master's Seminar	1

Basic Supporting Courses (8 credits)

BPS-561	Statistical Methods	3(2-0-1)
HEX-580	Research Methods in Human Ecology	2(1-0-1)
BPC-614	Spectroscopic and Chromatographic Techniques	3(2-0-1)

Optional/ Minor Courses (9 credits)

9

Thesis Research (20 credits)

HCT-690	Master's Thesis Research	20
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Total 50

Ph.D. Clothing & Textiles

Core Courses (11 credits)

HCT-724	Functional Clothing	3(2-0-1)
HCT-725	Technical Textiles	3(3-0-0)
HCT-726	Textile Ecology	3(3-0-0)
HCT-788	Doctoral Seminar-I	1
HCT-789	Doctoral Seminar-II	1

Basic Supporting Courses (4 credits)

BPS-661	Experimental Statistics	4(3-0-1)
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Optional Courses (5 credits)

5

Minor Courses (10 credits)

10

Thesis Research (45 credits)

HCT-790	Ph.D. Thesis Research	45
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Total 75

Compulsory Courses for Minor for Other Disciplines

HCT-528	Fibre Science	3(3-0-0)
HCT-531	Textile Quality Analysis	3(2-0-1)

*Minor Package may be from the Department of Agricultural Communication, Computers, Environmental Sciences, Agricultural Economics, Family Resource Management, Human Development and Family Studies and Chemistry.

Remedial* Courses for the PG students who did graduation with three year degree programme

HCT-406	Retailing and Merchandising-Textiles and Apparel	3(3-0-0)
HCT-407	Computer Aided Designing-I	4(0-0-4)
HCT-408	Garment Manufacturing-Flat pattern	5(1-0-4)

HCT-409	Fashion Illustrations	5(1-0-4)
HCT-410	Apparel Manufacturing Technology	3(3-0-0)
HCT-411	Computer Aided Designing-II	5(0-0-5)
HCT-412	Garment Manufacturing-Draping	5(1-0-4)
HCT-414	Apparel Industrial Management	3(3-0-0)

***24 credit hours have to be taken as remedial courses from above courses.**

List of Post graduate Courses of the department

HCT-528	Fibre Science	3(3-0-0)
HCT-529	Advance Pattern Making	3(0-0-3)
HCT-530	Advanced Textile Designing	3(1-0-2)
HCT-531	Textile Quality Analysis	3(2-0-1)
HCT-532	Textile Industry and Trade	2(2-0-0)
HCT-533	Historic Textiles and Costumes	3(2-0-1)
HCT-534	Textile Finishes	2(1-0-1)
HCT-535	Home Textiles	3(1-0-2)
HCT-536	Advanced Dyeing and Printing	2(1-0-1)
HCT-600	Master's Seminar	1
HCT-601	Special Problem	2
HCT-623	Textile Auxiliaries	2(2-0-0)
HCT-626	Recent Advances in Textile and Apparel Designing	2(2-0-0)
HCT-690	Master's Thesis Research	20
HCT-724	Functional Clothing	3(2-0-1)
HCT-725	Technical Textiles	3(3-0-0)
HCT-726	Textile Ecology	3(3-0-0)
HCT-788	Doctoral Seminar-I	1
HCT-789	Doctoral Seminar-II	1
HCT-790	Ph.D. Thesis Research	45

2. FAMILY RESOURCE MANAGEMENT

M. Sc. (Family Resource Management)

Core Courses (16 credits)

HRM/AEC-564	Consumption Economics	3(2-0-1)
HRM-571	Approaches to Resource Management	3(3-0-0)
HRM-572	Consumer Ergonomics	3(2-0-1)
HRM-573	Advanced Housing	3(2-0-1)
HRM-574	Retail Management	3 (2-0-1)
HRM-600	Master's Seminar	1

Basic Supporting Courses (5 credits)

HEX-580	Research Methods in Human Ecology	2 (1-0-1)
BPS-561	Statistical Methods	3(2-0-1)

Optional Courses (9 credits)

9

Thesis Research (20 credits)

HRM-690	Master's Thesis Research	20
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Total 50

Compulsory Courses for Minor for other Disciplines for Masters Students

HRM-571	Approaches to Resource Management	3(3-0-0)
HRM-572	Consumer Ergonomics	3(2-0-1)

Ph. D. Family Resource Management

Core Courses (13 credits)

HRM- 761	Occupational Ergonomics	2(1-0-1)
HRM- 763	Development Issues and Gender	3(2-0-1)
HRM -764	Resource Management Conceptualization and Testing	3(3-0-0)
HRM -765	Globalization and Consumer Economics	3(2-0-1)
HRM -788	Doctoral Seminar-I	1
HRM -789	Doctoral Seminar-II	1

Basic Supporting Courses (3 credits)

AAC -730	Advance Design and Techniques in Social Science Research	3(2-0-1)
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Minor Courses (10 credits)

10

Thesis Research (45 credits)

HRM-790	Ph.D. Thesis Research	45
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Total 75

Compulsory Courses for Minor for other Disciplines for Ph.D. Students

HRM-761	Occupational Ergonomics	2(1-0-1)
HRM-765	Globalization and Consumer Economics	3(2-0-1)

Minor package may be from the Department of Agricultural Communication, Computers, Public Health, Environmental Sciences, Agricultural Economics, Clothing and Textiles, Human Development and Family Studies.

Remedial*Courses for the PG students who did graduation with three year degree programme

Course No.	Course Title	Credit Hours
HRM-421	Traditional and Contemporary Interior	4(2-0-2)
HRM-422	Applied Crafts	4(0-0-4)
HRM-423	Furniture and Furniture Arrangement	4(2-0-2)
HRM-424	Interior Views and Design	4(0-0-4)
HRM-425	Functional Interiors and Space Management for the People with Special Needs	4(2-0-2)
HRM-426	Management of Floor and Floor Coverings	4(1-0-3)
HRM-427	Computer Aided Interior Designing	4(0-0-4)
HRM-428	Interior Design Project Management	3(0-0-3)
HRM-429	Scale and Perspective Drawing	4(1-0-3)
HRM-430	Wall and Window Treatments	4(0-0-4)
HRM-431	Fitting and Fixtures	3(2-0-1)
HRM-432	Ornamental Plants and Special Effects	4(1-0-3)
HRM-433	Professional Practices	3(2-0-1)
HRM/ AEC-496	Entrepreneurship	4(2-0-2)

***24 credit hours have to be taken as remedial courses from above courses.**

List of Post graduate Courses of the department

HRM/ AEC-564	Consumption Economics	3(2-0-1)
HRM-571	Approaches to Resource Management	3(3-0-0)
HRM-572	Consumer Ergonomics	3(2-0-1)
HRM-573	Advanced Housing	3(2-0-1)
HRM-574	Retail Management	3(2-0-1)
HRM-575	Human Resource Management	2(2-0-0)
HRM-577	Consumer Communication Media	3(1-0-2)
HRM-578	Energy Conservation in Building Design	3(2-0-1)
HRM-600	Master's Seminar	1
HRM-601	Special Problem	2
HRM-624	Measurement Techniques in Social Sciences	3(2-0-1)
HRM-690	Master's Thesis Research	20
HRM-731	Environmental Issues and Challenges	3(3-0-0)
HRM-732	Managerial Dimensions for Special Groups	3(2-0-1)
HRM-761*	Occupational Ergonomics	2(2-0-1)
HRM-763	Developmental Issues and Gender	3(2-0-1)
HRM-764	Resource Management Conceptualization and Testing	3(3-0-0)
HRM-765	Globalization and Consumer Economics	3(2-0-1)
HRM-766	Consumer Product Design	3(1-0-2)
HRM-788	Doctoral Seminar-I	1
HRM-789	Doctoral Seminar-II	1
HRM-790	Ph.D. Thesis Research	45

*** Prerequisite HRM-572 Consumer Ergonomics**

3. FOODS AND NUTRITION

M.Sc. Foods and Nutrition

Core Courses (13 credits)

HFN-545	Substitute Foods and Evaluation	2 (1-0-1)
HFN-551	Advanced Nutrition	3 (3-0-0)
HFN-552	Advances in Community Nutrition	3 (1-0-2)
HFN-553	Analysis and Quality Assessment of Foods	4 (1-0-3)
HFN-600	Master' Seminar	1

Basic Supporting Courses (8 credits)

HEX-580	Research Methods in Human Ecology	2 (1-0-1)
BPS-561	Statistical Methods	3 (2-0-1)
BBC-501	General Biochemistry	3(3-0-0)

Optional/ Minor Courses (9 credits)

9

Thesis Research (20 credits)

HFN-690	Master's Thesis Research	20
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Total 50

Ph.D. Human Nutrition

Core Courses (12 credits)

HFN-740	Advanced Metabolic Aspects of Nutrition	3 (3-0-0)
HFN-741	Nutritional Epidemiology	3 (2-0-1)
HFN-742	Nutrition and Policy Planning	2 (2-0-0)
HFN-748	Advances in Vitamins and Hormones	2 (2-0-0)
HFN-788	Doctoral Seminar-I	1
HFN-789	Doctoral Seminar-II	1

Basic Supporting Courses (4 credits)

BPS-661	Experimental Statistics	4 (3-0-1)
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Optional Courses (4 credits)

4

Minor Courses (10 credits)

10

Thesis Research (45 credits)

HFN-790	Ph.D. Thesis Research	45
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Total 75

Note: Compulsory courses for Ph.D. students from other than Foods and Nutrition stream or for those who have not studied the following courses in their M.Sc. Programme.

BPS-561	Statistical Methods	3 (2-0-1)
HFN-553	Analysis and Quality Assessment of Foods	4 (1-0-3)

Compulsory Courses for Minor for other Disciplines

HFN-551	Advanced Nutrition	3 (3-0-0)
HFN-552	Advances in Community Nutrition	3 (1-0-2)

Remedial* Courses for M. Sc. students with B.Sc. (H.Sc.) of three year degree programme and B.Sc. (Food Technology) of three years degree programme.

HFN-441	Human Nutrition	4 (4-0-0)
HFN-442	Public Health Nutrition	4 (3-0-1)
HFN-444	Introduction to Clinical Nutrition	4 (3-0-1)
HFN-447	Food Chemistry	4 (3-0-1)
HFN-448	Food hygiene and Sanitation	4 (2-0-2)
HFN-449	Food Analysis	4 (2-0-2)
HFN-450	Food Preservation	4 (2-0-2)
HFN-454	Food Standards and Quality Control	4 (2-0-2)

***24 credit hours have to be taken as remedial courses from above courses.**

2. Remedial Courses for students of B.Sc. (H.Sc.) of four years degree programme who have studied vocational other than Foods and Nutrition.

HFN-445	Diet therapy and Nutrition Counselling	5 (2-0-3)
HFN-449	Food Analysis	4 (2-0-2)

List of Post graduate Courses of the department

HFN-545	Substitute Foods and Evaluation	2 (1-0-1)
HFN-547	Food Service Management	2 (1-0-1)
HFN-551	Advanced Nutrition	3 (3-0-0)
HFN-552	Advances in Community Nutrition	3 (1-0-2)
HFN-553	Analysis and Quality Assessment of Foods	4 (1-0-3)
HFN-554	Advanced Food Science	3 (2-0-1)
HFN-600	Master' Seminar	1
HFN-601	Special Problem	1
HFN-642	Practical Nutritional Care in Disease	1 (0-0-1)
HFN-647	Nutrition During Life Cycle	3 (3-0-0)
HFN-648	Advanced Diet Therapy	3 (3-0-0)
HFN-649	Nutrition Research Techniques	3 (2-0-1)
HFN-650	Nutraceuticals and Functional Foods	3 (2-0-1)
HFN-690	Master's Thesis Research	20
HFN-740	Advanced Metabolic Aspects of Nutrition	3 (3-0-0)
HFN-741	Nutritional Epidemiology	3 (2-0-1)
HFN-742	Nutrition and Policy Planning	2 (2-0-0)
HFN-747	Advances in Carbohydrates, Proteins and Lipids	4 (3-0-1)
HFN-748	Advances in Vitamins and Hormones	2 (2-0-0)
HFN-749	Minerals in Human Nutrition	3 (2-0-1)
HFN-788	Doctoral Seminar-I	1
HFN-789	Doctoral Seminar-II	1
HFN-790	Ph.D. Thesis Research	45

4. HUMAN DEVELOPMENT & FAMILY STUDIES

M.Sc. (Human Development and Family Studies)

Core Courses (15 credits)

HHD-510	Theories of Human Development and Behaviour	3(3-0-0)
HHD-511	Advances in Life Span Development	3(2-0-1)
HHD-512	Management of Innovative Programme in Early Childhood and School Years	3(1-0-2)
HHD-513	Interventions for Children with Development Challenges	3(1-0-2)
HHD-514	Cross Cultural Perspective in Family Studies	2(2-0-0)
HHD-600	Master's Seminar	1

Basic Supporting Courses (7 credits)

MAM-500	Management functions and Organizational Behaviour	2(2-0-0)
BPS-561	Statistical Methods	3(2-0-1)
HEX-580	Research Methods in Human Ecology	2(1-0-1)

Optional/ Minor Courses (8 credits)

8

Thesis Research (20 credits)

HHD-690	Master's Thesis Research	20
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Total 50

Compulsory Courses for Minor for Other Disciplines

HHD-511	Advances in Life Span Development	3(2-0-1)
HHD-518	Appraisal of Child and Family Welfare Institutions	2(1-0-1)

Remedial* Courses for students of B.Sc. (H.Sc.) of three year degree programme and B.Sc. (Food Technology) of three years degree programme.

HHD-461	Curriculum for Young Children	3(3-0-0)
HHD-462	Family and Child Welfare	3(3-0-0)
HHD-463	Methods and Materials for Teaching Young Children-I	4(3-0-1)
HHD-464	Methods and Materials for Teaching Young Children-II	2 (1-0-1)
HHD-465	Child Psychology	5 (4-0-1)
HHD-467	Early Childhood Education and Management	4 (3-0-1)
HHD-468	Developmental Assessment of Young Children	4 (3-0-1)
HHD-470	Children with Special Needs	5 (3-0-2)
HHD-471	Guiding Young Child's Growth, Behaviour and Development	2 (2-0-0)

***24 credit hours have to be taken as remedial courses from above courses.**

List of Post graduate Courses of the department

HHD-510	Theories of Human Development and Behaviour	3(3-0-0)
HHD-511	Advances in Life Span Development	3(2-0-1)
HHD-512	Management of Innovative Programme in Early Childhood and School Years	3(1-0-2)

HHD-513	Interventions for Children with Development Challenges	3(1-0-2)
HHD-514	Cross Cultural Perspective in Family Studies	2(2-0-0)
HHD-515	Guidance and Counseling	3(1-0-2)
HHD-516	Adolescent Development and Challenges	2(1-0-1)
HHD-517	Planning and Managing Parenting Education	3(1-0-2)
HHD-518	Appraisal of Child and Family Welfare Institutions	2(1-0-1)
HHD-519	Development of Print Materials and Children's Literature	3(1-0-2)
HHD-520	Family Support Services and Therapy	3(1-0-2)
HHD-600	Master's Seminar	1
HHD-601	Special Problem	2
HHD-602	Environmental Factors and Cognition	1(1-0-0)
HHD-603	Programme Development for Vulnerable Families	3(2-0-1)
HHD-604	Principles and Strategies in Developmental Interventions	3(2-0-1)
HHD-690	Master's Thesis Research	20