DEPARTMENT OF HUMAN ECOLOGY

TAS Course Descriptions
(Textiles and Apparel Studies)

HMEC-100 INTRODUCTION TO HUMAN SCIENCES  2:1:1
A survey of Human Sciences as a field of study. The course is designed to acquaint students with the history, philosophy, organizational framework, growth, expansion and present status of Human Sciences. The course involves evaluation and interpretation of the historic human experience and the analysis of current human activities in relation to clothing, fashion, housing, food and nutrition. Two lectures per week and the successful completion of supervised field experiences. **Two credits**

HMEC-101 PERSONAL AND FAMILY RELATIONS  3:3:0
A study of personal problems and relationships in families. Periods of adjustment throughout the life cycle will be considered as will the functions of courtship and dating as the basis for mate selection. Consideration of traditional and alternative forms of marriage. Recognition and evaluation of personal and social conditions placing stress on the family. Three lectures per week. **Three credits**

HMEC-103 APPAREL CONSTRUCTION  3:1:3
Emphasis would be placed on selection of attractive clothing and patterns, comparative shopping, alterations, fitting and basic sewing techniques. Open to students in other disciplines. One lecture and three laboratory periods per week. **Three credits**

HMEC-202 HISTORIC COSTUME AND DESIGN  3:3:0
This is a study of the development of costumes from primitive to modern times with emphasis on the historic and cultural settings. It looks at how fashion repeats itself and inspires today’s designers. Open to students in other disciplines. Prerequisite: Art 101. Three lectures per week. **Three credits**

HMEC-204 APPAREL PRODUCTION AND EVALUATION  3:1:3
Emphasis will be placed on understanding the clothing needs of the family and of individuals with special clothing needs. It will include a study of buying principles, wardrobe planning and clothing care. The students will construct garments for family members and/or individuals with special clothing needs. One lecture and three laboratory periods per week. Open to students of other disciplines. **Three credits**

HMEC-205 FLAT PATTERN DESIGN AND DRAFTING  3:1:2
This course is a study of the fundamentals of flat pattern making through the drafting of patterns with emphasis on designing and fitting for the individual. One lecture and two laboratory periods per week. **Three credits**

HMEC-207 INTRODUCTION TO THE FASHION INDUSTRY  3:3:0
In this course the student examines the principles of fashion, the fashion industry, fashion merchandising and buying, and visual merchandising. Three lectures per week. Open to students in other disciplines. **Three credits**

HMEC-209 SOCIAL PSYCHOLOGY OF CLOTHING  3:3:0
The course is a study of clothing as a social, psychological, economic force including cultural patterns, behavioral variations, changing needs, technical development and acquisition of clothing. Three lectures per week. Open to students of other disciplines. **Three credits**
HMEC-210 INTRODUCTION TO TEXTILES 3:2:1
A basic study of the production and utilization of the natural and the man-made fibers as they relate to end use performance of consumer textile products. Concentration will be on the fiber, yarn structure and fabric construction methods (weaves). Two lectures and one laboratory period per week. Open to students of other disciplines. Three credits

HMEC-213 AGRICULTURE AND THE FASHION INDUSTRY 4:4:1
The course provides adequate exposure of students to all facets of the fashion industry raw materials and environmental consequences of raw materials production – cotton grading and sales – manufacturing – the clothing retailers- the consumers. The entire cycle of the fashion industry will be discussed through field trips to cotton farms, textile production and merchandising facilities to get hand-on experiences. Four lectures and one laboratory period per week. Four credits

HMEC-307 QUANTITATIVE MERCHANDISING INVENTORY ANALYSIS 3:3:0
Introduction to basic merchandising mathematic principles used in the retailing of apparel and other fashion products. Three lectures per week. Open to students in other disciplines. Three credits

HMEC-309 CONSUMER ECONOMICS 3:3:0
Study experimentation and discussion of problems, issues, and trends in consumerism, consumer behavior, rights and responsibilities. Students will investigate consumer concerns and engage in comparative shopping for family goods and services. Consideration is also given to financial planning as it relates to the individual and the family. Three lectures per week. Three credits

HMEC-311 COMPUTER APPLICATIONS IN APPAREL DESIGN & PRODUCTION 3:3:0
Emphasis on rendering clothing character, fabrics, and fashion details using various media, Introduce a flat sketching via computer. Focused on advanced pattern making techniques using Computer-Aided Design Method. Three lectures per week. Prerequisites: HMEC-103, HMEC-204, & HMEC-205. Three credits

HMEC-312 DESIGNING BY DRAPING 3:1:2
This course is a study of the fundamentals of draping with emphasis on the creation and construction of original garment designs. One lecture and two laboratory periods per week. Prerequisites: HMEC-103, HMEC-204 and HMEC-205. Three credits

HMEC-320 ADVANCED TEXTILES 3:1:2
A study of the physical properties of textile fibers, yarns, fabrics and finishes with emphasis on recent scientific and technological developments in textile testing and analysis. Attention is given to fabric testing for end uses and quality control. ASTM and AATCC standard testing methods are used. One lecture and two laboratory periods per week. Prerequisites: HMEC-210, CHEM-100. Three credits

HMEC-332 VISUAL MERCHANDISING 3:3:0
A study of the components and theories of visual merchandising. Students will learn to analyze a store’s image and layout as it relates to merchandise techniques. The emphasis will be on the practical application of planning, execution, and evaluation of merchandise displays and store presentation. Three lectures per week. Prerequisite: HMEC-207. Three credits

Credit Hours:Lecture Hours:Lab Hours