



## Master Degree in Fashion & Textile Design

### First: General Courses

Course Code	Course Title	Credits	Prerequisite
2601601-2	Readings and Research in the Field of Specialization	2	-
Course Description	Reading articles in the field of specialization in English from multiple sources and translated and discussed and extract scientific terminology in the field of clothing and textiles, to punctuate terms of English in the area of specialization. And how to summarize the topics and formulated and presented at the panel discussion (seminar).		

Course Code	Course Title	Credits	Prerequisite
2601602-2	Scientific Research Methods	2	-
Course Description	The course aims to introduce the importance of student research methods. And learn methods and techniques of scientific research and writing stages of research and raise the level of thought and expression and the development of the ability to analyze and give the student the skills to organize ideas, formulation and information gathering and using them, and prepare a list of sources and references		

Course Code	Course Title	Credits	Prerequisite
2601616-2	Seminar	2	2601601-2
Course Description	This course aims to preparing and presenting of a research plan in the field of specialization, taking into account the foundations of scientific research in order to help the researcher for the points and the difficulties which was be faced through the scientific points, methods and solution.		





Course Code	Course Title	Credits	Prerequisite
2601617-3	Applied Statistics	3	-
Course Description	<p>This statistical course assists in processing the required data in the field of specialization to get approved results through different applications. It aims to collect statistical data, classification and tabulation of statistical data, statistical meta metrics, functions of random variables, statistical distributions, sampling and distribution of the samples, the possibilities and probability distributions, confidence limits and hypothesis testing, correlation and analysis of variance for some programs (statistical packages), " Empirical Study" in the field Specialization.</p>		





## Second: Mandatory specialization courses

### 1. Fashion Design Pathway

Course Code	Course Title	Credits	Prerequisite
2601603-4	Graphical fashion design	4	
<b>Course Description</b>	<p>This course aims to achieve the aesthetics of fashion design with different graphical methods (imaginary – classic – brutal – stripped– optical illusion) and gain of new skills in fashion design through their expression in different ways.</p>		

Course Code	Course Title	Credits	Prerequisite
2601604-4	Tourist souvenirs	4	
<b>Course Description</b>	<p>This course is designed to recognize the importance of tourist souvenirs and their history and origins. It concerns also about the definition of the different types and forms of them, from the two sides: official delegations and individuals. Also the definition of handicrafts in Saudi Arabia and the application of models of tourist souvenirs and developing suggestions for the marketing ways. In addition to a general study on museums historically and functionally at the world level and study the role of museums in documenting social history and analysis of exhibits and rules of the presentation of the museum of collectibles clothing.</p>		

Course Code	Course Title	Credits	Prerequisite
2601618-3	Fabric Surface design	3	
<b>Course Description</b>	<p>This course aims to create different designs for the surface of textile materials using modern methods in designing and printing and produce them in a professional method in the form of digital files.</p>		





Course Code	Course Title	Credits	Prerequisite
2601619-3	Fashion design of world heritage	3	
Course Description	This course aims to study the design lines of the world heritage clothing. Design of a collection of costumes inspired by the design lines of the world heritage clothing in innovative ways and design lines with various features of the age		





## 2. Garment Manufacturing Pathway

Course Code	Course Title	Credits	Prerequisite
2601605-4	Applied Methods for Pattern Technology	4	-
Course Description	<p>This course aims to learn about the history of models industry (Patterns) and different ways to construct patterns and make a comparison between them to select the suitable one for different body styles. Also students learn how to implement some designs, which demand to follow the scientific methods in executing process.</p>		

Course Code	Course Title	Credits	Prerequisite
2601606-2	Clothing Marketing	2	-
Course Description	<p>The main points in this course are:</p> <ul style="list-style-type: none"> <li>- Understanding the concept of marketing and brand and their positions of the clothing industry.</li> <li>- Study of the marketing strategies and the ability to make the marketing maps to raise the competitiveness ability in the industry sector.</li> <li>- Understanding the differences between direct marketing and E-marketing (Electronic marketing) through internet.</li> <li>- Study of the importance of e-commerce and Internet use by businesses within the Arab markets</li> </ul>		

Course Code	Course Title	Credits	Prerequisite
2601607-2	Recent developments in the textile industry	2	-
Course Description	<p>Identify the developments in the apparel industry and its manufacture technology. The basic requirements and machinery and the latest methods and ways to sew different types of fabrics with different stitches and seams types. Analysis of sewing defects, causes and ways to avoid them. The most prominent developments of modern textile technology.</p>		





Course Code	Course Title	Credits	Prerequisite
2601620-4	Pattern Design on mannequin	3	-
Course Description	<p>This course aims to give students the skills to form and drape composite designs on a mannequin and identify the techniques types which used in the art of draping on mannequin. Setting a free design on a mannequin in three dimensional innovative styles, mixing of many raw materials within the same design and use the suitable lining for the design characteristics. In the end students should implement a project in the field of design on mannequin.</p>		

Course Code	Course Title	Credits	Prerequisite
2601621-2	Clothing Projects Management	2	-
Course Description	<p>This course contains of:</p> <ul style="list-style-type: none"> <li>- Understanding the meaning of management, its importance and concepts.</li> <li>- Determining the types of projects.</li> <li>- Identifying the advantages and disadvantages of small projects.</li> <li>- Training on the economic feasibility study for small projects.</li> <li>- Evaluating some models of small projects in the specialization filed.</li> <li>- Establishing an idea for special project in the specialization filed.</li> </ul>		





### 3. History of Clothing and Embroidery Pathway

Course Code	Course Title	Credits	Prerequisite
2601608-4	Manual and automatic knitting	4	
<b>Course Description</b>	This course aims to study the basic principles of the art of crochet and knitting (manual and automatic). Identify and learn the different styles of hand crocheted. Study the important basic stitches and raw materials and tools used in making them.		

Course Code	Course Title	Credits	Prerequisite
2601609-4	Computer application in embroidered designs	4	
<b>Course Description</b>	In this course students learn design software programs for embroidery. They will train to use one of these programs. Also study the knowhow to prepare and draw different motifs with design programs for automated embroidery and create contemporary decorative motifs suitable for different purpose.		

Course Code	Course Title	Credits	Prerequisite
2601622-3	Innovative methods in the embroidery	3	
<b>Course Description</b>	Study hand embroidery techniques (Patchwork style – Applique –lace – Corded style – English style – Richelieu style – Ajour style – Filtre style). And apply these technique styles manually and automatically with embroidery machine.		

Course Code	Course Title	Credits	Prerequisite
2601623-3	Traditional Costumes in Arab Countries	3	
<b>Course Description</b>	The course concerns with study of traditional clothing in world of Arab countries for women and men. Executing some of them and creating a contemporary fashion, which has an original characterization.		





#### 4. Textile Pathway

Course Code	Course Title	Credits	Prerequisite
2601610-4	Studies in Fibers and Textiles	4	---
<b>Course Description</b>	In this course, students will study the characteristics of the new textile fibers and its application, which including Micro fibers, CoolMax fibers, Thermolite fibers, Thermo Cool fibers, PCM fibers, Carbon fibers, Aramid fibers, Kevlar fibers, Electronic fibers, Optical fibers.		

Course Code	Course Title	Credits	Prerequisite
2601611-4	Textile Fabrics Design and Execution	4	---
<b>Course Description</b>	This course concerns with designing and executing Striped and Caro fabrics using the basic weave structures (Plain, Twill and Satin) – Colour effect produced from warps and wefts order – Setting decorative designs using intersection guides – The Repeat definition, types and distribution – Technical analysis and structure design. Design elements and development of the operation specification.		

Course Code	Course Title	Credits	Prerequisite
2601624-3	Advanced Textile Weave Structures	3	---
<b>Course Description</b>	This course presents some of the advanced textile weave structures that depends on merging textile structures together to form a new textile effects yarns. It includes also the based on color ranking order of warp and weft methods of decorative shafting system for regular twill, shading and compound twill weaves and satin (ATLAS weaves), extra weft weaves, honey comb weaves – gauze and leno – Bedford cord weaves, crêpe weaves.		







Course Code	Course Title	Credits	Prerequisite
2601625-3	Textile Inspection and Analysis	3	2601610-4
Course Description	<p>This course aims to give Students training to analyze samples of textiles fabrics according to scientific methods and put the correct specification sheet of these textile fabrics.</p> <p>The ability to determine the fiber contents, Warp- and Weft direction, the weight per unit are, Fabric density, and putting the production specification sheet of the Fabric.</p>		





**Third: Elective Courses (A course is chosen for each semester at a rate of 2 credit hours)**

Course Code	Course Title	Credits	Prerequisite
2601612-2	Educational and artistic theories and their application in fashion design	2	
Course Description	<p>This course aims to introduce the educational and artistic theories that can be used in the field of fashion design (the theory of Gilford – probability theory – Albawhouse – Gestalt – Postmodernism – Morphologic) and acquiring student skill of making the link between the scientific side and applied side in the field of fashion design.</p>		

Course Code	Course Title	Credits	Prerequisite
2601626-2	Design of Fashion supplements	2	
Course Description	<p>Student identify in this course the scientific rules and artistic principles of designing the fashion supplements and applying in creation of modern and innovative designs and executing of some designed pieces using suitable materials and tools. Also producing them with high-quality technology and globally marketing.</p>		

Course Code	Course Title	Credits	Prerequisite
2601613-2	Total Quality Management (T. Q. M)	2	–
Course Description	<p>The course aims to provide students with modern scientific methods and concepts in the field of quality management, which is one of the most important elements of successful installations locally and internationally. The total quality management (T. Q. M) contains the modern systems such as ISO 9000, which may be considered one of the pillars of modern management in many organizations. This course contains of the definitions and developments of the concept of quality management, measurement, development and control. The role of the quality in the planning and control of the production of goods and services provision. As well as the costs associated with the quality and its improvement and the knowhow to apply the total quality.</p>		





Course Code	Course Title	Credits	Prerequisite
2601627-2	Packing and Packaging	2	-
<b>Course Description</b>	This course contains of studying the criteria and conditions for all activities related to the design and production of the product containers and covers, which required to transport, storage, sale and use for appropriating protection and promotion of attracting the consumer.		

Course Code	Course Title	Credits	Prerequisite
2601614-2	Printing with Eco Friendly Dying	2	
<b>Course Description</b>	This course concerns with dyeing and manual printing on fabrics using eco-friendly dyes from natural sources with the application of different methods and techniques of hand-printing.		

Course Code	Course Title	Credits	Prerequisite
2601628-2	Alkhiamia Art (Appliqué)	2	
<b>Course Description</b>	Alkhiamia art (Appliqué art) is one of handicrafts arts, which has an oriental genuine character. This art has a big interest. Women interest to know all of the requirements for this art and knowhow to implement it perfectly. This course aims to give the student all the information and basic knowledge and methods of application of this art.		

Course Code	Course Title	Credits	Prerequisite
2601615-2	Development of the Holy Kaaba's Kiswa	2	---
<b>Course Description</b>	This course concerns with studying the history of the holy Kaaba's Kiswa. The raw materials which they are made from before Islam and even the age of the Saudi state. It includes also a precise description of the Egyptian's Kiswa and Saudi's Kiswa, the difference between them, the used decorations and the manufacture stages of Kaaba's Kiswa: dyeing of silk yarns, weaving preparations, weaving process, printing, embroidery and sewing. It will identify also the required testing devices in order to maintain the stable quality of the holy Kaaba's Kiswa fabric.		





Course Code	Course Title	Credits	Prerequisite
2601629-2	Technology of Floor Covering Industry	2	
Course Description	<p>This course presents the mechanical techniques to produce floor covering (Wire Wilton – face to face – Chenille axminster floor covering – tuft –knitted carpets – non woven covering).</p> <p>The precautions to be considered during designing floor covering.</p>		

