

## Diploma in Cosmetic Preparations and Entrepreneurship

قائمة مقررات دبلوم مستحضرات التجميل وريادة الأعمال

(دبلوم تخصصي)

قسم الصيدلانيات

(24 cr. h)

### First Semester (14 cr. h)

| No.          | Code No. | Courses  | Credit hours |     |
|--------------|----------|--|--------------|-----|
|              |          |  | L            | P   |
| 1            | 0601601  | General Aspects of Cosmetics Development<br>الجوانب العامة لتطوير مستحضرات التجميل   | 2            | --- |
| 2            | 0601602  | Skin Care Products<br>مستحضرات العناية بالبشرة   | 2            | --- |
| 3            | 0601603  | Hair Care Products<br>مستحضرات العناية بالشعر  | 2            | --- |
| 4            | 0601604  | Formulation and Extemporaneous Preparations of Cosmetic and Dermatological Products<br>صياغة وتركيب مستحضرات التجميل والمنتجات الجلدية | 2            | 2*  |
| 5            | 0601605  | Project in Cosmetic Science Applications<br>مشروع في تطبيقات علم التجميل   | ---          | 3*  |
| 6            |          | Elective Course<br>مقرر اختياري  | 1            | --- |
| <b>Total</b> |          |  | <b>14</b>    |     |

\*1 credit hour practical is 2 hours session weekly

## Second Semester (10 cr. h)

| No.          | Course code | Courses  | Credit hours |    |
|--------------|-------------|--|--------------|----|
|              |             |  | L            | P  |
| 7            | 0601606     | Entrepreneurial Finance<br>تمويل المشاريع  | 2            | -- |
| 8            | 0601607     | Event Planning and Product Launch<br>تخطيط الحدث وإطلاق المنتج   | 1            | -- |
| 9            | 0601608     | Sales and Counter Management in the Cosmetics Industry<br>ادارة المنتجات في صناعة مستحضرات التجميل       | 1            | -- |
| 10           | 0601609     | Cosmetic Marketing in the Digital World<br>تسويق مستحضرات التجميل في العالم الرقمي                       | 2            | -  |
| 11           | 0601610     | Developing Cosmetic Products Ethically and Sustainably<br>تطوير مستحضرات التجميل بطريقة اخلاقية ومستدامه | 2            | -- |
| 12           | 0601611     | Field Work<br>التدريب الميداني   | --           | 2* |
| <b>Total</b> |             |  | <b>10</b>    |    |

\*1 credit hour field training is 4 hours weekly

## Elective Courses

| No. | Course code | Courses   | Credit hours |     |
|-----|-------------|---|--------------|-----|
|     |             |   | L            | P   |
| 1   | 0601612     | Miscellaneous Cosmetic and Personal Care Products<br>مستحضرات التجميل والعناية الشخصية المتنوعة | 1            | --- |
| 2   | 0601613     | Cosmeceutical Actives<br>المواد الفعالة في مستحضرات التجميل الصيدلانية                          | 1            | --- |

وصف مقررات دبلوم مستحضرات التجميل وريادة الاعمال  
(24 cr. h)

**First Semester (14 cr. h)**

| Course Name   | Credit hours |     | Code No. |
|---|--------------|-----|----------|
|   | L            | P   |          |
| <b>General Aspects of Cosmetics Development</b><br>الجوانب العامة لتطوير مستحضرات التجميل   | 2            | --- | 0601601  |
| <p><b>Description:</b> The course introduces the student to cosmetic and personal care products. The course will include regulatory requirements for cosmetic products registration, labeling, marketing, importing and exporting and the role of the National Health Regulatory Authority. Intellectual property issues such as patents and trade secrets will be covered. Cosmetics manufacturing, facility requirements, stability, packaging, safety and testing of cosmetic products and their ingredients will be reviewed. Advanced cosmetic ingredients such as bioactive peptides, growth factors and stem cells and advanced nanotechnology-based formulations will also be covered</p> <ul style="list-style-type: none"> <li>• <a href="#">Institute of personal care Science, Australia</a></li> <li>• <a href="#">Society of cosmetics scientists (Royal Society of Chemistry UK)</a></li> <li>• <a href="#">Cosmetics management. Humber College, Toronto, Canada</a></li> </ul> |              |     |          |

| Course Name  | Credit hours |     | Code No. |
|--|--------------|-----|----------|
|  | L            | P   |          |
| <b>Skin Care Products</b><br>مستحضرات العناية بالبشرة  | 2            | --- | 0601602  |
| <p><b>Description:</b> The course relates the formulation of skin care products to the skin anatomy and physiology. Topics include skin anatomy, physiology and basic biophysical methods for evaluation of skin. The course covers formulation, testing and proper uses of sun care products, cleansing products, anti-aging products, makeup products, antiperspirants and deodorants. Natural products involved in skincare formulations are introduced. Applications of nanotechnology for skin care cosmetic formulations are also discussed</p> <ul style="list-style-type: none"> <li>• <a href="#">University of Arts London (UAL)</a></li> <li>• <a href="#">Society of cosmetics scientists (Royal Society of Chemistry UK)</a></li> </ul> |              |     |          |

| Course Name   | Credit hours |     | Code No. |
|---|--------------|-----|----------|
|   | L            | P   |          |
| <b>Hair Care Products</b><br>مستحضرات العناية بالشعر  | 2            | --- | 0601603  |
| <p><b>Description:</b> This course covers the hair and hair care products. Topics include anatomy and physiology of the hair. Formulation and testing of hair care products such as shampoos, conditioners, anti-dandruff products, hair dyes, chemical hair reshaping, depilatories and hair loss products are discussed. Natural products and nanotechnology involved in haircare formulations are also covered.</p> <ul style="list-style-type: none"> <li>• <a href="#">University of Arts London (UAL)</a></li> <li>• <a href="#">Society of cosmetics scientists (Royal Society of Chemistry UK)</a></li> </ul> |              |     |          |

| Course Name   | Teaching h/week |   | Credit hours | Code No. |
|---|-----------------|---|--------------|----------|
|   | L               | P |              |          |
| <b>Formulation and Extemporaneous Preparations of Cosmetic and Dermatological Products</b><br>صياغة وتركيب مستحضرات التجميل والمنتجات الجلدية   | 2               | 4 | 4            | 0601604  |
| <p><b>Description:</b> The course provides tutorials, assignments and practical sessions covering common materials and processes in cosmetics development. Common cosmetic ingredients including surfactants, preservatives, antioxidants, polymers, rheological additives and botanicals will be covered. The main processes in cosmetics development are discussed with emphasis on cosmetic emulsions and the application of surface and colloid science to liquid and semisolid emulsions and other formulations. It also involves application of the knowledge gained in the development course to problem solving and evaluation of selected cosmetic products. The course allows students to develop skills required for the preparation of topical and dermatological products and develop competency in extemporaneous dispensing.</p> <ul style="list-style-type: none"> <li>• <a href="#">Institute of personal care Science, Australia</a></li> <li>• <a href="#">Society of cosmetics scientists (Royal Society of Chemistry UK)</a></li> <li>• <a href="#">Cosmetics management, Humber College, Toronto, Canada</a></li> </ul> |                 |   |              |          |

| Course Name  | Teaching h/week |   | Credit hours | Code No. |
|--|-----------------|---|--------------|----------|
|  | L               | P |              |          |
| <b>Project in Cosmetic Science Applications</b><br>مشروع في تطبيقات علم التجميل  | --              | 6 | 3            | 0601605  |
| <p><b>Description:</b> Student groups undertake a research project in the form of a short dissertation, review article, market survey or development of a new cosmetic formulation</p> |                 |   |              |          |

### Second Semester (10 cr. h)

| Course Name   | Credit hours |    | Code No. |
|---|--------------|----|----------|
|   | L            | P  |          |
| <b>Entrepreneurial Finance</b><br>تمويل المشاريع  | 2            | -- | 0601606  |
| <p><b>Description:</b> The goal of Entrepreneurial finance is to help managers make better investment and financing decisions in entrepreneurial settings. The course also enables students to identify and deal with sources of finance that support new ventures</p> <p><a href="#">Cosmetics techniques and management (Ontario college, Canada)</a></p> |              |    |          |

| Course Name   | Credit hours |     | Code No. |
|---|--------------|-----|----------|
|   | L            | P   |          |
| <b>Event Planning and Product Launch</b><br>تخطيط الحدث وإطلاق المنتج   | 1            | --- | 0601607  |
| <b>Description:</b> This course focuses on strategic planning, implementation and follow up as well as business management and event co-ordination<br><a href="#">Cosmetics management. Humber College, Toronto, Canada</a> |              |     |          |

| Course Name  | Credit hours |     | Code No. |
|--|--------------|-----|----------|
|  | L            | P   |          |
| <b>Sales and Counter Management in the Cosmetics Industry</b><br>ادارة المنتجات في صناعة مستحضرات التجميل  | 1            | --- | 0601608  |
| <b>Description:</b> This part of the course aims at developing skills for students working as a counter manager and selling cosmetics in a retail environment. The elements of the businesses that contribute to the success in the marketplace are covered. These elements include the mission statement and company focus, positioning and location strategies, types of ownership, customer relationship, human resources practices, visual presentation and in-store marketing strengths. Marketing schematics, merchandising and brand development skills will also be focused on.<br><a href="#">Cosmetics management. Humber College, Toronto, Canada</a> |              |     |          |

| Course Name   | Credit hours |     | Code No. |
|---|--------------|-----|----------|
|   | L            | P   |          |
| <b>Cosmetic Marketing in the Digital World</b><br>تسويق مستحضرات التجميل في العالم الرقمي   | 2            | --- | 0601609  |
| <b>Description:</b> This course gives an overview of the fundamental principles and concepts of contemporary marketing. Students will understand these principles from a cosmetic industry perspective. Specifically, this course examines the strategic marketing planning process, consumer behavior, branding, pricing, distribution, promotions, stakeholder partnership and various other marketing concepts.<br><a href="#">Digital marketing with a proven framework. Harvard University</a> |              |     |          |

| Course Name  | Credit hours |     | Code No. |
|--|--------------|-----|----------|
|  | L            | P   |          |
| <b>Developing Cosmetic Products Ethically and Sustainably</b><br>تطوير مستحضرات التجميل بطريقة اخلاقية ومستدامة  | 2            | --- | 0601610  |
| <b>Description:</b> The goal of this course is to introduce the students to the different activities needed for new product creation; these include idea generation, identifying a product concept, analyzing resources needs for creating the product, evaluating and selecting a production technology, branding the new product and costing and pricing among other activities. The course addresses the development of innovative products while respecting ethics, safety and sustainability concerns. A number of tools will be presented including idea management tools, business model canvas, and collaborative product creation tools among others<br><a href="#">Cosmetics management. Humber College, Toronto, Canada</a> |              |     |          |

| Course Name   | Teaching h/week |   | Credit hours | Code No. |
|---|-----------------|---|--------------|----------|
|   | L               | P |              |          |
| <b>Field Work</b><br>التدريب الميداني   | ---             | 8 | 2            | 0601611  |
| <p><b>Description:</b> This course provides students with the opportunity to plan and execute, under supervision, the practical and business aspects of a cosmetic business of their choice. Students will have the opportunity to apply their learned skills and capabilities during their field work by performing, planning and executing special events; performing client services; and budgeting, working on product creation projects, realizing marketing campaigns, etc.</p> |                 |   |              |          |

### Elective Courses

| Course Name   | Credit hours |    | Code No. |
|---|--------------|----|----------|
|   | L            | P  |          |
| <b>Miscellaneous Cosmetic and Personal Care Products</b><br>مستحضرات التجميل والعناية الشخصية المتنوعة  | 1            | -- | 0601612  |
| <p><b>Description:</b> This course will expand the students' knowledge of cosmetic and personal care products other than skin care and hair care products. These include mainly colored cosmetics, nail care, shaving and oral health products. Colored cosmetics include lip cosmetics like lipsticks, lip balms and glosses as well as eye cosmetics such as mascara, eyeliner and eye shadow in addition to nail polishes. Nail care products include mainly nail straighteners, nail polish removers, cuticle softeners and removers as well as plastic fingernails and elongators. Shaving products include mainly shaving (wet and dry shaving) and after-shave products. Oral health products include mainly dentifrices, denture cleansers, and mouthwashes. The course will cover the formulation, manufacturing technologies, quality control and appropriate use of these products. The regulatory aspects of use of coloring pigments in the formulation of colored cosmetic products will be also covered.</p> <p>• <a href="#">University of Arts London (UAL)</a><br/> <a href="#">Society of cosmetics scientists (Royal Society of Chemistry UK)</a></p> |              |    |          |

| Course Name  | Credit hours |    | Code No. |
|--|--------------|----|----------|
|  | L            | P  |          |
| <b>Cosmeceutical Actives</b><br>المواد الفعالة في مستحضرات التجميل الصيدلانية  | 1            | -- | 0601613  |
| <p><b>Description:</b> The course introduces students to various types of cosmeceutical actives. Properties and criteria supporting their selection for specific formulations are reviewed. Advanced cosmetic ingredients such as bioactive peptides, growth factors and stem cells are covered. The concept of nutricosmetics is also discussed</p> <p>• <a href="#">University of Arts London (UAL)</a><br/> <a href="#">Society of cosmetics scientists (Royal Society of Chemistry UK)</a></p> |              |    |          |