Ministry of Higher Education and Scientific Research

Supervision and Scientific Evaluation Apparatus

Department of Quality Assurance and Academic Accreditation

ACADEMIC PROGRAM DESCRIPTION

Al-Zahraa (PBUH) University for Women

College of Health and Medical Technologies

Department of Cosmetology and Laser Techniques

2026

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Program Specification form For **Department of Aesthetics and Laser Technology**

University Name : Al-Zahraa University for women

Faculty /Institute : Health and Medical Techniques

Scientific Department : Department of Aesthetics and Laser Technology

Academic or Professional program Name : Bachelora in Aesthetics and Laser Technology

Final certificate name : Bachelor in Aesthetics and Laser Technology

Academic system : Semesterly for the first ,second ,third and fourth years.

Description Preparation Date : 1/9/2025

File Completion Date :1/11/2025

Signature : H. I. Al-Iamim

Head of Department Name :

Prof. Dr. Hameed ibrahem Abod

Date : 28/02/2026

Signature : nadia

Scientific Associate Name

lec.Dr. Nadia Nayyef Hussein

Date : 28/2/2026

The file is checked by: Assis.t Lect. Raghad Ahmed Hussein
Department of Quality Assurance and University Performance
Director of the Quality Assurance and University Performance Department
Date : 28/2/2026

nadia

Dean's approval
assist prof. - Ali Jasim Mohammed Al-Khafaji
28/2/2026

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1. Vision

Leadership and excellence in the field of cosmetology and laser techniques at the local and regional levels through the provision of high-quality applied education that contributes to supporting the health and cosmetic sector with qualified and innovative competencies.

2. Program Mission

Preparing graduates who possess scientific knowledge, technical skills, and professional ethics in the field of cosmetology and laser techniques and who are capable of providing safe and effective services, while promoting scientific research and community service.

3. Program Objectives

1. Preparing specialized technical cadres capable of operating laser devices and modern cosmetic technologies.
2. Enhancing the practical and applied aspects through advanced training laboratories.
3. Consolidating the principles of occupational safety and ethics of practice in cosmetic and medical work.
4. Developing communication skills and the ability to deal with different cases according to high professional standards.
5. Supporting scientific research in the fields of dermatology, cosmetology, and non-surgical therapeutic techniques.
6. Building partnerships with medical and cosmetic centers to provide distinguished field-training opportunities.
7. Contributing to community service through awareness programs and specialized courses in skin care and prevention of risks associated with the improper use of laser devices.

4. Program Accreditation

The program does not have any accreditation.

5. External Influences

There is no sponsor for the program.

6. Program Structure

Program Structure	Number of Courses	Credit Hours	Percentage	Notes*
Institution Requirements				Core
College Requirements				Core
Department Requirements	25	170	46%	Core
Summer Training	Second and Third			
Other				

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Study Plan - Department of Cosmetology and Laser Techniques

Study Level	Course Code	Course / Curriculum Name	Theory	Teaching Method	Practical	Teaching Method	Units
Stage One - Semester One		General Chemistry	2	Lectures	4	Application	4
		Human Biology	2	Lectures	4	Application	4
		Medical Physics	2	Lectures	4	Application	4
		Medical Terminology 1	2	Lectures	-		2
		Human Rights and Democracy	2	Lectures	-		2
		Computers and Artificial Intelligence 1	1	Lectures	2	Application	2
Stage One - Semester Two		Organic Chemistry	2	Lectures	4	Application	4
		Anatomy and Histology	2	Lectures	4	Application	4
		Skin and Hair Biology	2	Lectures	4	Application	4
		Laser Physics	2	Lectures	4	Application	4
		Medical Terminology 2	2	Lectures	-		2
		Arabic Language 1	2	Lectures	-		2
Stage Two - Semester One		Physiology	2	Lectures	4	Application	4
		General Pathology	2	Lectures	4	Application	4
		Laser Physics and Its Medical Applications	2	Lectures	4	Application	4
		Crimes of the Ba'ath Regime in Iraq	2	Enhancing Core Values	-		2
		Basics and Techniques of Skin Care	2	Lectures	4	Application	4
		Pharmacology	2	Lectures	4	Application	4
		Nutrition 1	2	Lectures	2	Application	3
Stage Two - Semester Two		Skin Care Pharmacology	2	Lectures	4	Application	4
		Disorders and Diseases of the Skin, Hair and Nails	2	Lectures	4	Application	4
		Nutrition 2	2	Lectures	2	Application	3
		Systemic Diseases	2	Lectures	4	Application	4
		Laser and Light-Based Technologies in Cosmetology	2	Lectures	4	Application	4
		Microbiology	2	Lectures	4	Application	4
		First Aid	1	Lectures	2	Application	2
		Arabic Language 2	2	Lectures	-		2
		Computers and Artificial Intelligence 2	1	Lectures	2	Application	2

Total Units: 92

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1. Expected Program Learning Outcomes

Knowledge - Learning Outcomes	Assessment Methods
1. Teaching the student topics related to the radiology specialty. 2. Preparing and carrying out the various methods used in radiology. 3. Training the student on how to obtain specimens from patients/clients for laboratory use. 4. Interpreting the results obtained from the analysis and the extent to which they correspond with the diagnosis of the case.	Methods for Assessing Knowledge and Understanding 1. Weekly reports for practical experiments. 2. Periodic tests for theoretical subjects. 3. Semester examinations, theoretical and practical. 4. Final examinations, theoretical and practical.

Skills - Learning Outcomes	Assessment Methods
B. Thinking Skills - Recognizing the importance of the study subjects across the four years. - Introducing the student to how X-ray devices and sonar devices are used. - Practicing work in the field of radiation techniques and their various applications and implementing them through the study courses. - Becoming familiar with the devices and techniques used in diagnostic radiographic imaging, ultrasound, magnetic resonance imaging, nuclear medicine, computed tomography, and radiotherapy. - Educating students and informing them about the risks of radiation exposure and how to protect workers and patients from these risks. - Performing examinations related to X-rays and sonar. C. Practical and Scientific Skills - Qualifying students to work as medical technicians in the field of diagnostic radiation techniques in radiology and medical imaging departments in hospitals and health centers. - The student masters the theoretical scientific material.	Methods for Assessing Thinking Skills 1. Using logic to evaluate the answer. 2. Identifying errors to evaluate the answer. 3. Evaluating the effectiveness of the adopted methods for solving the problem. 4. Supporting opinions with evidence. Practical Skills Assessment Practical skills are assessed by considering individual differences among students and by using methods specific to each practical course.

Values - Learning Outcomes	Assessment / Evidence
1. The student masters the fundamentals of civil society. 2. The student is an active member of society. 3. The student understands the formulation of research projects. 4. The student knows the ethics of research writing and scientific integrity.	1. Student participation in community activities outside the college campus. 2. Visiting community institutions and observing the conditions of those within them. 3. Appropriate selection of serious research-project titles and innovation in presenting them. 4. Research projects successfully pass scientific plagiarism-detection tests.

2. Teaching and Learning Strategies

- Lecture.
- Dialogue and discussion.
- Cooperative learning (division into groups).
- Brainstorming.
- Reciprocal teaching.
- Publishing lectures on the college or department website for all teaching staff and all study materials.

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- Using a display screen and audiovisual equipment.
- Writing research papers and reports electronically.
- Speaking in English inside the classroom and during participation.
- Conducting research and experiments to achieve the Sustainable Development Goals.

3. Evaluation Methods

- Direct questioning and answering during the lecture.
- Expected and surprise daily examinations.
- Evaluation of research papers and assessment of their writing in terms of style, expression, and spelling.
- Asking questions to measure listening and attention in the English language.
- Student participation in evaluating the performance of their peers.
- Practical evaluative examinations related to listening, conversation, and reading.
- Monthly and semester examinations.
- Final theoretical examinations.

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Professional Development

Orientation of New Faculty Members

- Work on diversifying classroom-management methods and methods of delivering lectures.
- The new faculty member is observed through visits by the Head of Department and senior instructors during lecture delivery.
- Conducting personal interviews to determine teaching competence and teaching skills.
- Publishing research in international journals with impact factors, writing books, and participating in workshops and conferences.

Professional Development for Faculty Members

- The academic program is reviewed periodically to identify deficiencies and correct them.
- Annual evaluation of each unit by the Head of Department or the department coordinator.
- Periodic reviews by faculty members of the academic program.
- Establishing an external advisory body for the department that includes representatives of students and beneficiaries of this course.
- Periodic evaluation by the Head of Department of faculty members.
- Student evaluation of the faculty member through an electronic questionnaire.
- Self-evaluation by the faculty member.
- Student evaluation of a study stage through an electronic questionnaire.
- Coordination with the Quality Assurance Division in the college and the university to follow up on the implementation of the academic program in the department.

7. Personal Development Planning

1. Recognizing the social determinants of health in order to reduce disparities and inequalities in obtaining good care.
2. Self-awareness: examining personal knowledge, skills, capabilities, beliefs, biases, motivations, and emotions that may enhance or limit personal and professional growth, and reflecting on them.
3. Professionalism: demonstrating behaviors and values consistent with the trust placed in them by patients and by other health-care providers and the community in the profession.
4. Learner: developing, integrating, and applying knowledge from foundational sciences (e.g., dentistry and the social/behavioral/administrative and clinical sciences) to ...
5. Evaluating the scientific literature, explaining pharmacological action, solving therapeutic problems, and advancing patient-centered health care.
6. Designing prevention, intervention, and education strategies for individuals and communities to manage chronic diseases and improve health.
7. Educating all audiences by identifying the most effective and sustainable methods for communicating information and assessing understanding.

8. Admission Criteria

1. The general average for central admission shall be within the applicable limits and in accordance with the directives of the Ministry of Higher Education and Scientific Research.
2. A personal interview shall be conducted with applicants, with notation of any speech, behavioral, or personal defects.

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4. Most Important Sources of Information about the Program

The Quality Division in the college, through the Quality Division at the university, which adheres to quality requirements and to raising the scientific, cognitive, skill, and research level in accordance with the directives of the Ministry of Higher Education and Scientific Research, and which seeks - in line with global quality requirements - to improve the efficiency of academic programs.

5. Program Development Plan

- Encouraging students to use medical books.
- Developing conversation, translation, and reading skills through the use of Internet websites and other contemporary media.
- Encouraging students to become familiar with the most important medical books.

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Curriculum Skills Map

Required Program Learning Outcomes																Core or Elective	Course Name	Course Code	Year / Level
General and Transferable Skills (other skills related to employability and personal development)				Affective and Value Objectives				Program-Specific Skill Objectives				Cognitive Objectives							
d4	d3	d2	d1	c4	c3	c2	c1	b4	b3	b2	b1	a4	a3	a2	a1				
√	√	√	√	√	√	√	√	√	√	√	√			√	√		General Chemistry		Stage One Semester One
√	√	√	√	√	√	√	√	√	√	√	√			√	√		Human Biology		
√	√	√	√	√	√	√	√	√	√	√	√			√	□		Medical Physics		
□	□	√	√	□	□	√	√	□	□	□	√			√	√		Medical Terminology 1		
□	□	□	√	□	□	√	√	□	□	□	√			√	√		Human Rights and Democracy		
√	√	√	√	√	√	√	√	□	√	√	√	√	√	√	√		Computers and Artificial Intelligence 1		
				√	√	√	√	□	√	√	√	□	□	√	√		Organic Chemistry		Stage One Semester Two
□	√	□	□	□	√	√	□	□	√	√	□	□	□	√	√	√	Anatomy and Histology		
□	□	□	□	□	□	√	√	□	□	√	√	□	□	√	√		Skin and Hair Biology		
√	√	√	√	√	√	√	√	□	√	√	√	√	√	√	√		Laser Physics		
□	□	□	□	□	□	√	√	□	□	√	√	□	√	□	√		Medical Terminology 2		
□	√	√	√	√	√	√	√	□	√	√	√	√	√	√	√		Arabic Language 1		
□	√	√	√	√	√	√	√	□	√	√	√	√	□	□	□		Physiology		Stage Two Semester One
□	√	√	√	√	√	√	√	□	√	√	√	√	√	√	□		General Pathology		
□	□	□	□	□	□	√	√	□	√	√	√	□	□	√	√		Laser Physics and Its Medical Applications		
□	□	□	□	□	□	√	√	□	√	√	√	√	√	√	√		Crimes of the Ba'ath Regime in Iraq		
□	□	√	√	□	√	√	√	√	√	√	√	□	□	□	√		Basics and Techniques of Skin Care		
□	□	□	□	□	□	√	√	□	□	√	√	□	□	√	√		Pharmacology		

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□	□	√	√	□	□	√	√	□	√	√	√	√	√	√	√		Nutrition 1		
□	□	√	√	□	□	√	√	□	√	√	√	√	√	√	√		Skin Care Pharmacology		
□	□	□	√	□	□	√	√	□	√	√	√	□	□	√	√		Disorders and Diseases of the Skin, Hair and Nails		Stage Two Semester Two
√	√	√	√	□	□	√	√	□	□	√	√	□	□	√	□		Nutrition 2		
□	□	√	√	□	√	√	√	√	√	√	√	√	√	√	□		Systemic Diseases		
√	√	√	√	□	□	√	√	□	□	√	√	□	□	√	□		Laser and Light-Based Technologies in Cosmetology		
																	Microbiology		
																	First Aid		
																	Arabic Language 2		
																	Computers and Artificial Intelligence 2		