

Ministry of Higher Education and Scientific Research

Warith Al-Anbiya University

College of Science

Strategic Plan

2027-2023

College of Science ...

A distinguished scientific edifice in the fields of medical physics and information technology

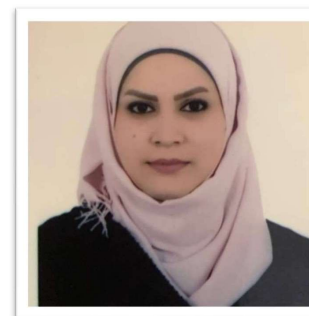
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A word from the respected Dean of the Faculty of Science

In the name of God, the Most Gracious, the Most Merciful.

Praise be to God, Lord of the Worlds, Prophet, sent as a mercy to the worlds, and upon his pure and immaculate family.



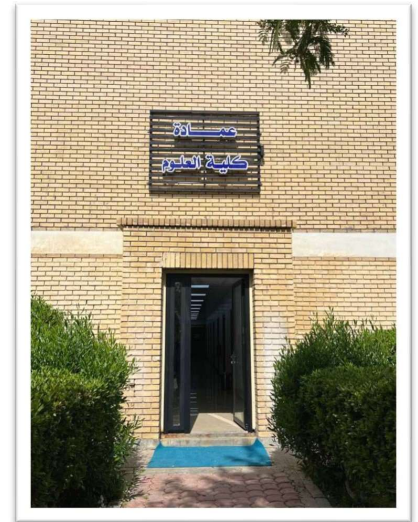
The Deanship of the College is honored to extend its warmest congratulations on the occasion of the establishment of the College of Science, wishing our esteemed colleagues and dear students a scientific career full of success and academic excellence. In this noble context, the Deanship and the teaching staff hope to achieve high levels of quality and excellence in various academic and research fields. We trust in the ability of our dear students to achieve their academic and professional goals, while emphasizing the importance of student activity and active participation in cultural and research activities. The college strives with determination to strengthen relations with scientific institutions and develop community service programs, in order to achieve positive interaction with the scientific and social environment. The college intends to develop the infrastructure to provide a modern and advanced educational environment. With humility and respect, I address our dear students with words that express the spirit of responsibility and dedication in the path of education, as you constitute the vital point of influence in building the future. I call upon you to patiently and persevere in the requirements of scientific and cognitive achievement, imbued with the high morals that befit you as university students. I hope that you will facilitate the task of your professors and administrators who work hard to ensure your highest success is excellence and superiority, and to provide a good example for future generations. Academic. I would like to point out that success is not a goal in itself, but the goal must be I also address the entire college team, including professors, technicians and administrators, stressing their great responsibilities before God and the country. I call on them to combine efforts in order to raise the level of the college and develop it Successfully in the national, regional and international educational arena. In conclusion, the great hope lies in all of you to continue to achieve real qualitative development in our dear college, both on the two levels, and to bless our country with goodness, peace and prosperity. He is the

Grantor of success. Scientific and social. We ask God Almighty to protect you and your families, and grant you health and wellness.

1- Features of the Faculty of Science

1.1 About the College

The College of Science at Warith al-Anbiya University is a modern and innovative pillar in the academic environment during the current academic year. By establishing this college, we aspire to prepare a generation of inspired and qualified graduates in Medical Physics and Information Technology Fields They will be leaders in their fields and active contributors to Society progress. The establishment of the college reflects our



commitment to providing high quality education in line with With the latest scientific and technological developments. Our students have unique opportunities to gain the necessary skills. And deep knowledge in their specializations, whether in the field of medical physics or information technology.

1.2 College Departments

- Department of Information Technology:

The Department of Information Technology is distinguished by providing study programs that respect the rapid developments in this advanced field.

The department is concerned with qualifying students with the skills of designing and developing software, and managing the infrastructure of information technology

Able to interact with modern challenges. Information, and solve complex technical problems. The department aims to create experts in the field of information technology

- Department of Medical Physics:

The Department of Medical Physics adopts an integrated approach that combines a deep understanding of physics and its application in the medical field.

The department is concerned with training students to use physical techniques in the diagnosis and treatment of diseases. The program includes.

Study of medical principles, medical imaging techniques and medical devices. The department aims to prepare graduates who combine medical knowledge with a deep understanding of physics to improve patient care.

1.3 College students:

The College of Science enjoys general acceptance among student circles and a definite desire to join it due to its good reputation in the academic community at the country level. The college includes (500) students for the first stage from all governorates of Iraq. In general, this student diversity helps to create a college with multiple cultures that allows its students a high degree of cultural diversity that enriches the educational process and sharing experiences.

1.4 Faculty members

The total number of faculty members during the academic year 2023-2024

The tables below show the numbers of faculty members.

NO	Instructor's name	Academic title
1	Shaima Hussein Nofal	Assistant Professor Dr.
2	Haider Mohammed Ali Al-Ghanimi	Assistant Professor Dr.
3	Muhannad Kamel Hamid	Assistant Professor Dr.
4	Mohsen Hassan Hussein	Assistant Professor Dr.
5	Ahmed Musa Jafar	Assistant Dr.
6	Ahmed Yahya Awad	Assistant Dr.

7	Asad Abbas Khalaf	Assistant Dr.
8	Mohammed Jamal Al-Tayef	Assistant Dr.
9	Karrar Sadiq Mohsen	Assistant Professor
10	Abbas Rashid	Assistant Professor
11	Dhargham Adel Obaid	Assistant Professor
12	Sajjad Ahmed Kazim	Assistant Professor
13	Nabil Sadiq Al-Sharifi	Assistant Professor
14	Mustafa Abbas Kazim	Assistant Professor
15	Bandar Abdul Abbas Faddish	Assistant Professor
16	Ayman Mohammed Jabr	Assistant Professor
17	Muntather Idris Ali	Bachelor's
18	Laith Thabet Abdul Rasool	Bachelor's
19	Sabreen Mohammed Sharif	Bachelor's
20	Adhara Amer Musa	Bachelor's

1.5 The College's Infrastructure

The College of Science has a newly established infrastructure that supports the educational process, including offices, lecture halls, and advanced scientific laboratories that are compatible with the requirements of the educational process. These can be summarized as follows:

Scientific Laboratories

1. Medical Physics Laboratories: The Medical Physics Department has four laboratories that serve the first stage. The laboratories are modern and within the conditions of the laboratory quality system of the Ministry of Higher Education. Each laboratory can accommodate 20 students and is equipped with electronic educational technologies, modern means of clarification, and multiple educational analogies. It meets the training on most of the required physical skills and experiences. The teaching method is modern, based on

checklists and the professor's practice, then feedback and documentation in the laboratory's log.

The laboratories are:

A- Analytical Chemistry Laboratory.

B- General Biology Laboratory.

C- Mechanics Laboratory.

D- Computer Laboratory.

2. Information Technology Laboratories: The Information Technology Department has one computer laboratory serving the first phase. The laboratory is modern and within the requirements of the Ministry of Higher Education's quality system for laboratories. The laboratory accommodates 20 students and is equipped with electronic educational technologies, modern means of clarification, and multiple educational simulations.

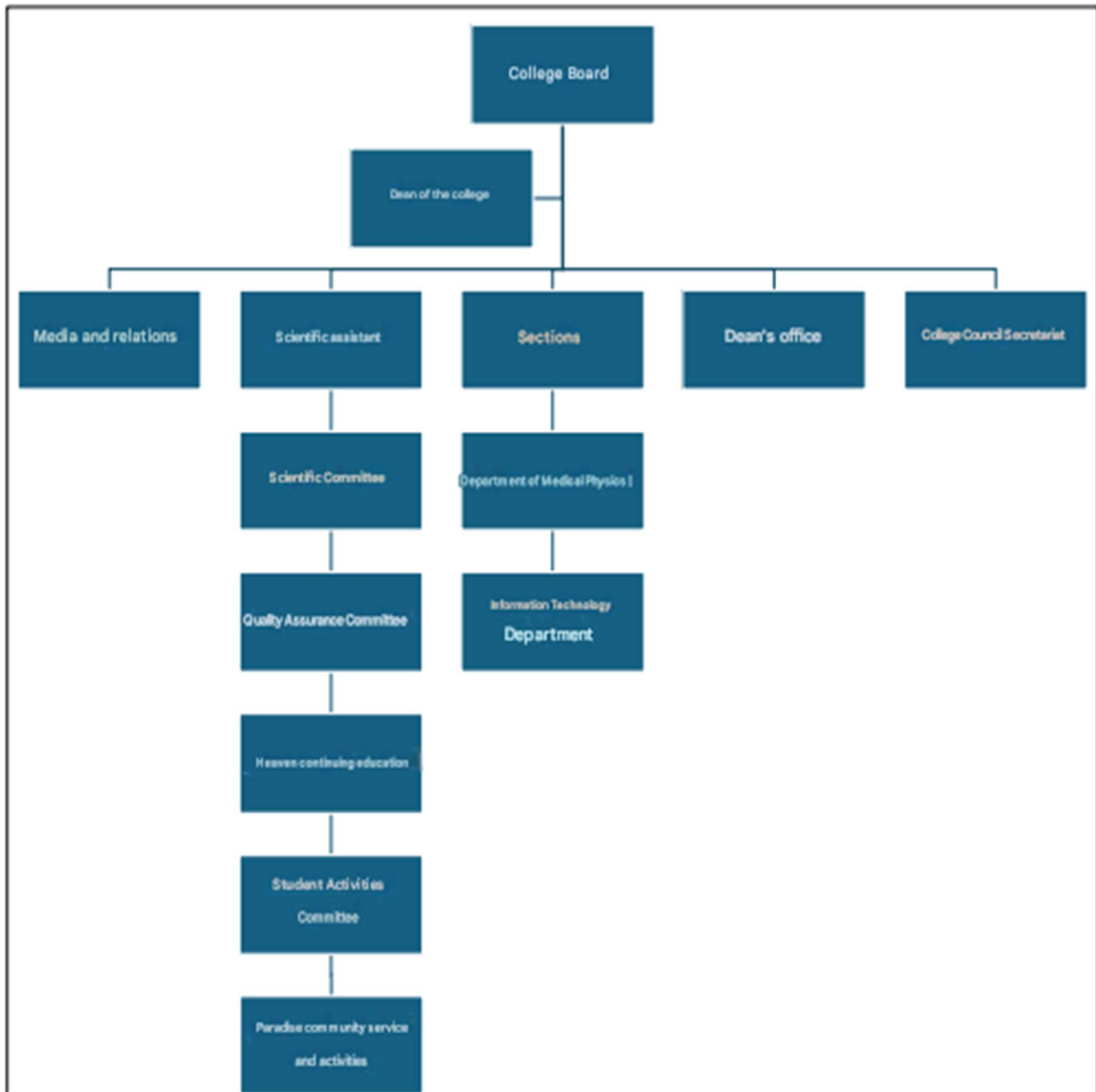
By training on most of the required nursing skills and experiences. The teaching method is contemporary based on checklists and the professor's practice, then feedback and documentation in the laboratory log. The laboratories are:

A- Computer laboratory.

1.6 Learning Outcomes

Department of Medical Physics: Job Description for Graduates of the Department Medical Physicist Assistant with academic qualifications and qualifications to work in all health institutions and provide high-quality health services. Department of Information Technology: Job Description for Graduates of the Department Programmer Assistant with academic qualifications and qualifications to work in all institutions and provide high-quality technical services.

2- The organizational structure of the college



3- Main Strategic Elements

1- Vision

The College of Science aspires to be a pioneer in the field of scientific education and scientific research at the regional level.

We look forward to achieving excellence in the specializations of medical physics and information technology, and to be a catalyst for innovation and scientific progress.

2- Mission

The College of Science is committed to providing high-quality scientific education that focuses on developing students' knowledge and skills in the fields of modern medical physics and information technology. We aim to graduate qualified graduates who possess deep knowledge and the ability to contribute to scientific and technological development.

3- Objectives

- Providing an educational environment that encourages critical thinking and creativity in the fields of medical physics and information technology.
- Providing students with the practical and technical skills necessary to excel in the fields of science.
- Promoting scientific research and innovation in the fields of medical physics and information technology.
- Developing educational programs that are updated in accordance with developments in science and technology.
- Enhancing interaction and partnership with health institutions and technology companies to enhance employment and training opportunities for students.

By achieving this vision and mission and achieving the specified goals, we seek to qualify our students to be pioneers in their fields and active contributors to the progress of society and scientific development.

4- Strategic Objectives

1. Raising the efficiency of institutional performance to improve the college's competitive position

2. Supporting the building of academic communication bridges inside and outside the country
3. Building effective partnerships with community institutions
4. Creating an attractive and stimulating educational environment for creativity and excellence
5. Providing pioneering academic programs according to comprehensive quality standards.

5- Implementation and follow-up plan

1. Raising the efficiency of institutional performance to improve the competitive position of the college.

Dean of the Faculty of Science					Concerned party	
Time horizon					Priorities	The strategic issue is to raise the efficiency of institutional performance to improve the competitive position of the .college
27	26	25	24	23		
contin uous	contin uous	contin uous	contin uous	%10	4	
Obstacles and limitations						
1-Weak financial allocations for developing human resources efficiency 2-Lack of creative development programs 3-Lack of training systems for employees in departments and committees affiliated with the . college 4-Lack of incentive systems . 5-Lack of training programs for administrative leaders . 6-Lack of implementation of the coexistence system with lateral university leaders in similar . colleges						
Trained administrative staff, units and committees to prepare advanced training packages					Option	
procedures					Programs	
By preparing advanced training packages and living with university .leaders in foreign universities					Leadership development	
Scheduling training courses to participate in, each according to his/her specialization. Identifying the relevant training bodies. Developing an effective system to review the performance and achievements of the deanship, departments, and relevant committees. Raising the level of					Staff development	

.coordination and cooperation between the academic departments		
Organizing courses in coordination with relevant authorities Preparing scientific material Scheduling courses throughout the year		Developing speaking skills in living languages for teachers
Forming an appointments committee to determine the appointment controls in accordance with the applicable instructions Determine needs according to controls and with complete transparency		Effective and fair appointments
Forming a committee specialized in developing students' skills and abilities and preparing them for the labor market Through various programs and foreign language courses to improve the graduate's skills that the labor market needs and the graduate can compete with his peers from other university graduates Creating a student database for the purpose of forming a complete profile for all college students and organizing annual meetings with graduates		Graduate Efficiency Monitoring
Success indicators	For follow-up	Implementing entity
Implementing approximately - 10% of the incentive system for teachers in the fields of scientific .research and teaching Completing a twinning - agreement with the University of Karbala, College of Applied Sciences, Department of Physics, Medical Sciences and College of .Information Technology Forming quality committees - and achieving their requirements	Assistant to the President for Academic Affairs	College Deanship and Department Heads

2. Supporting the building of academic communication bridges inside and outside the country.

Vice President for Academic Affairs					Concerned party		
Time horizon					Priorities		The strategic issue is to support building bridges of academic communication inside and .outside the country
27	26	25	24	23			
continuos	continuos	continuos	continuos	%10	4		
Obstacles and limitations							
1-Weak financial allocations for developing twinning programs . 2-Weak coordination with relevant parties in local and foreign universities . 3-The college is new and its infrastructure is not complete . 4-The absence of training programs for administrative leaders on the mechanism of . communication with universities with international rankings 5-The absence of the application of the coexistence system with foreign university leaders in . similar colleges							
Trained administrative staff, units and committees to communicate with local and international universities					Option		
procedures					Programs		
Holding workshops and periodic meetings to encourage academic communication. Issuing a procedural guide to establish appropriate mechanisms for local and international academic communication .and coordination					Encouraging departments to communicate and coordinate academically with higher education .institutions		
Support and assist departments in concluding academic agreements .and memoranda of cooperation					Strengthening twinning programs with distinguished international academic institutions		
Success indicators			For follow-up		Implementing entity		
Completion of the college's twinning guide. Concluding cooperation agreements with .local universities			Assistant to the President for Academic Affairs		Deanship of the College		

3- Building effective partnerships with community institutions.

Vice President for Academic Affairs					Concerned party	
Time horizon					Priorities	
27	26	25	24	23	7-3	
continuos	continuos	continuos	continuos	%10	4	
Obstacles and limitations						
1-Weakness in the aspect of developing community service within the college 2-Lack of graduate follow-up programs aimed at employing graduates 3-Weakness in the aspect of concluding agreements with relevant parties to employ graduates- 4-Weakness in financial support						
Training and development units, units and committees to communicate with community institutions, especially those with a .technical medical aspect					Option	
procedures					Programs	
Holding workshops and periodic meetings to encourage effective communication. - Issuing a procedural guide to establish appropriate .mechanisms for communication and local and global coordination					Encouraging departments to communicate and coordinate academically with community .institutions	
-Supporting and assisting departments in concluding agreements and memoranda with community institutions. - Providing short and distinguished academic programs and various advisory, educational and awareness services that meet the needs of .community members					Developing and supporting the services provided by the college .to the community	
-Establishing a database for graduates and updating it continuously .and using it to follow up on graduates and communicate with them -Organizing periodic meetings with graduates such as an annua conference for graduates -Encouraging continuous communication with community institutions with the aim of finding job opportunities for graduates					Develop and strengthen relationships with alumni	
Success indicators			For follow-up		Implementing entity	
Achievement of setting 10% controls and procedures to organize and activate the services provided by the college to students and start coordinating to prepare a plan to train instructors on modern educational ..techniques			Assistant to the President for Academic Affairs Assistant to the President for Administrative Affairs		Deanship of the College	

4- Providing an attractive and stimulating educational environment for creativity and excellence.

Vice President for Academic Affairs					Concerned party	
Time horizon					Priorities	
27	26	25	24	23	7-3	
continuos	continuos	continuos	continuos	%10	4	
Providing an attractive and stimulating educational environment for creativity and .excellence						
Obstacles and limitations						
1-Lack of an incentive system linked to achievement and excellence for faculty members 2-Lack of adoption of standards for supporting departments with faculty members from all specializations 3-Lack of improvement in the level of student services 4-Failure to provide all the college's infrastructure needs						
Attracting distinguished faculty members, and using the university's Distinguished Recruitment Unit for this purpose, while developing a .strategy to retain distinguished faculty members					Option	
procedures					Programs	
Strengthening an incentive system linked to achievement and - .excellence for faculty members Adopting standards to support departments with distinguished faculty - members in all specializations Developing a system for evaluation and accountability for the - .educational process for faculty members					Developing and enhancing the teaching staff to meet the needs .of academic programs	
Providing smart halls that suit the modern educational process to - achieve the goals of academic programs - Training faculty members to use modern educational technologies					Providing teaching and learning resources and means that are consistent with modern technological .developments	
-Developing guidance programs to help academically struggling - .students -.Creating support programs to support students with special needs- .Creating enrichment programs for outstanding and creative students - Developing and improving the level of services and extracurricular - .activities					Improving the level of student services	
Success indicators			For follow-up		Implementing entity	
Achievement of setting 10% controls and procedures to organize and activate the services provided by the college to the community. Beginning coordination to prepare a plan to prepare for graduate meetings starting from the fourth year of .the plan			Assistant to the President for Academic Affairs Assistant to the President for Administrative Affairs		Deanship of the College	

5- Providing pioneering academic programs according to comprehensive quality standards.

Vice President for Academic Affairs					Concerned party	
Time horizon					Priorities	
27	26	25	24	23	7-3	
continuos	continuos	continuos	continuos	%10	4	
Providing pioneering academic programs according to comprehensive quality standards						
Obstacles and limitations						
1-Failure to develop academic programs in line with current community needs - 2-Lack of compatibility between academic accreditation standards and community and labor market needs 3-Weak mechanism for measuring the level of performance of graduate students and the level of employer satisfaction						
Comprehensive development of study plans for all programs according to academic and international accreditation standards, activation of the quality assurance unit in the college					Option	
procedures					Programs	
Determine a clear mechanism to measure the extent of achieving the - expected educational goals and outcomes of academic programs. - Emphasize the role of the public and private sectors in developing academic programs					Developing educational programs to keep pace with developments in a manner that is consistent with the current and future needs of society	
Determine a mechanism to measure the level of performance of - graduate students and the level of satisfaction of employers .Set criteria to evaluate the performance of departments annually -					Ensuring the application of quality standards and academic accreditation in all academic programs	
.Offering creative academic programs - Viewing the programs of similar colleges -					Proposing innovative academic programs in the college	
Success indicators			For follow-up		Implementing entity	
Developing 20% of the college's academic programs to keep pace with societal needs in the second year of the plan. Forming a committee to monitor employers' satisfaction with graduates annually. Forming a quality assurance unit			Assistant to the President for Academic Affairs		College Deanship Quality Assurance Unit	