

Ministry of Higher Education & Scientific Research Al-Farahidi University Idris In Iraq Description of the Academic Program



i	Name of the Academic Program	Description of the Academic Program	Tuition Fees (Iraqi Dinar)
1	Dental and Oral Surgery	The cademic program at Al-Farahidi University for Oral and Dental Surgery (B.D.S) is a comprehensive, credit-hour based curriculum that spans five years. The program's objectives include imparting a deep understanding of general medical and dental principles, fostering critical thinking, and developing problem-solving and communication skills. It aims to prepare students to provide holistic healthcare and to function as both a general practitioner and a dental specialist. Courses cover a range of topics from human anatomy, medical terminology, and computer sciences in the first year to more advanced subjects such as prosthodontics, oral medicine, and surgery in later years. The program requires a progressive accumulation of credit hours, with a significant amount of summer training. Graduates are expected to be capable of negotiation, leadership, and working independently in various healthcare settings. The B.D.S degree culminates in a comprehensive understanding of oral and maxillofacial medicine and surgery, requiring a total of 5112 credit hours over the course of study. Students are trained to be leaders in their field with a focus on personal and professional development.	8,000,000
2	Pharmacy	The college is committed to providing high-quality education and training through modern methods and diverse specializations to prepare pharmacists who possess advanced scientific and professional skills, enabling them to become leaders in their fields capable of promoting health culture. This is achieved over a period of five years, ensuring a high level of competency for graduates. The college of pharmacy aims to prepare qualified students to practice pharmacy in both the public and private sectors by developing their knowledge, laboratory skills, and enhancing their specialized and general capabilities while achieving alignment between theories and practical applications. Students also acquire familiarity with scientific concepts, medical terminology, and keep near with modern scientific developments. Teaching and learning methods in the pharmacy program include presentations, interactive discussions, brainstorning sessions, small group work, research, and field visits to relevant institutions. Evaluation methods include individual and group assignments and reports, daily assessments, practical skills assessment, midterm and final exams, and graduation projects.	7,750,000
3	Medical Physics	Description of the Academic Program Medical Physics department is a branch of applied physics, which specializes in the application of the principles of physics to the diagnosis of diseases and treatment. The tools and techniques based on physical principles have proven their effectiveness in modern medical practice. The medical physicis is not only tasked with the effective and accurate operation of existing tools, but also to continue developing new techniques and tools that better meet the medical increasing demands. The academic peoperam at he four academic levels aims with knowledge of the basic principles of physics, celemicary, balogy, and mathematics, and gives him skill in dealing with computers. Also, giving the student information about his rights as a citizen by teaching him to respect the rights of others and respect laws and regulations. The student learns more deeply about the subjects related to physics, which include optics, laser physics, electromagnetism, heat, thermodynamics, and atomic physics, and such as a scientific manner in both Arabic and English languages. The student is provided with sciences related to his specific specialization through the study of medical physics 2, medical devices 1, numerical analysis, analogue electronics and digital electronics, nuclear physics, wave physics, manotechnology, quantum mechanics, biological sensors, anatomy, and physics). The student trans about the applications of lawers in medical magics, and medical devices. The student learns about the applications of lawers in medical magics, and medical devices. The student learns about the applications of lawers in medical magics, and medical devices. The student learns about the applications of lawers in medical magics, and process medical images, nuclear medicine, radiation therapy, and neurophysics. The student studies adherence to ethics, practicing the profession efficiently and professionally, in addition to athering to external appearance and general behavior. During this level, the student learns	2,900,000
4	Medical Instrumentation Technical Engineering	The program description provides a concise summary of the program's key features and expected learning outcomes for students to achieve by establishing a close relationship between graduates of this department and the market needs. The student will receive a backelor's degree in medical instrumentation engineering type graduating students who can understand arvinous medical device components and keep up with the advancements relative technologies. Additionally, it aims to train and develop engineering and technical personnel in operating and maintaining devices by imparting scientific skills to diagnose faults in medical devices, and to produce a cardio supervising on-site execution of assigned tasks. These objectives are achieved through the use of the latest divices teaching and learning methods. The study is not intimed to the theoretical aspect but extends to providing equally between the latest divices in addition to make visual and auditory aids and conducting workshops, seminars, and scientific exhibitions. In this programs, students study a series of scientific courses distributed over four years, which are sufficient to equip students with the necessary knowledge to qualify them for the job market. The student studies as set of specialized courses in the field of electrical and electronic equipactoring, such as electrical engineering principles, components, electronic circuits, as well as medical electronic systems and power electronics. Also, the student studies a specialized course entitled Medical Instruments over three years, during which they become acquainted with several medical instruments by studying their structure, design, operation, and maintenance methods. Currently, computers have become an integral part of any device, and accordingly, the student studies Computer Applications over four years, in addition to specialized courses that expand their understanding of the device's operation from a programming perspective, such as microprocessors and courted systems and depositions.	2,900,000
5	X-ray and Sonar Techniques	The academic program description provides a concise overview of the program's key features and the expected learning outcomes for students to achieve by establishing a close relationship between graduates of this department and the job market. The student will receive a backelor's degree in radiology and sonar techniques. The main objectives of this program are to graduate (exhical personnel capable of operating radiology and sonagraphy equipment in the Ministry of Health laboratories and the private sector. Additionally, students will acquire all the necessary knowledge and skills related to human body radiography. The student will be trained in the necessary skills to deal with the skeletal structure and internal organs of the human body. The student will be and another; and so, conducting workshops, seminars, and scientific exhibitions. In this program, students study a series of scientific converse distributed over four years, which are sufficient to equip students with the necessary knowledge to qualify them for the job market. The student studies are of specialized courses in the field of anatomy, physiology, as well as diseases related to tradition and its effects on the human body. The student becomes acquainted with a variety of radiations directed at the body and the devices used for this purpose, such as magnetic resonance imaging and X-ray imaging devices. The student studies different methods of radiography and sonography for various areas of the human body, such as the chees, abdomen, and limbs.	2,900,000
6	Medical Laboratory Techniques	The academic program description provides a concise overview of the program's key features and the expected learning outcomes for students to achieve by establishing a close relationship between graduates of this department and the job market. The student will receive a backelor's degree in medical laboratory Techniques. The main objectives of this program are to graduate technical personnel capable of working in medical laboratories and de proting seeds of the diagnostic analyses in both Ministry of Health laboratories and the protings exceived, Additionally, students will caquire all the necessary, knowledge and skills in pathology, training them in the necessary skills to handle biological modes used in manlysis and the techniques employed in medical laboratories. These objectives are achieved through the use of diverse teaching and learning methods. The study is not fimited to the theoretical sapect but extends to providing equipped laboratories with the latest devices, in addition to using visual and andidry also, conducting workshops, semina, and scientific exhibitions. In this program, students study a series of scientific courses distributed over four years, which are sufficient to equip students with the necessary knowledge to qualify them for the job market. The student studies a set of specialized courses in the field of anatomy and physiology, in addition to courses on blood diseases and biological and chemical sciences related to human cells and tissues. The student becomes acquainted with the environmental causes of diseases through their study of parasites, bacteria, and viruses, and how to treat each of them to obtain the most accurate results.	2,900,000
7	Anesthesia Techniques	The academic program description provides a concise overview of the program's key features and the expected learning outcomes for students to achieve by establishing a close relationship between graduates of this department and the job market. The student will receive a backelor's degree in anesthesia techniques. The main objectives of this program are to graduate technical personnel capable of handling anesthesia and intensive care equipment in the Ministry of Health and private section hospitals. Additionally, students will acquire all the necessary knowledge and skills to handsentseia equipment in operating rooms and resuscitation when needed. The student learns bow to handle medications and solutions necessary for anesthesia provedures. The department aims to graduate students capable of monitoring patient vital signs during anesthesia. These objectives are achieved through the use of diverse teaching and hearting methods. The study is not limited to the theoretical aspect but extends to providing equipmed laboratoria, and scientific exhibitions. In this program, students study a series of scientific courses distributed over four years, which are sufficient to equip students with the necessary knowledge to qualify them for the job market. The student studies a set of specialized courses in the field of anastment, and intensive care.	2,900,000

8	Dental Manufacturing Techniques	The academic program description provides a concise overview of the program's key features and the expected learning outcomes for students to achieve by establishing a close relationship between graduates of this department and the job market. The student will receive a backdor's degree in dental technology. The main objectives of this program are to graduate technical personnel capable of working in dental centres and laboratories, both in the Ministry of Health and the private sector. Additionally, students will acquire at lithe necessary knowledge and skills related to dental technology. The student will be trained in the necessary skills to handle tecth and understand their differences. These objectives are achieved through the use of diverse teaching and learning methods. The study is not limited to the theoretical aspect but extends to providing equipped laboratories with the least devices, in addition using visual and anultory asks, and conducting workshops, seminars, and scientific exhibitions. In this programs, students student asserts of scientific courses distributed over four years, which are sufficient to equip students with the necessary knowledge to qualify them for the job market. The student studies as set of specialized courses in the flood of dental technology, including the materials used in the fabrication of dental crowns and bridges. The student becomes acquainted with a variety of modern techniques specialized in the construction and design of artificial teeth.	2,900,000
9	Refrigeration and Air Conditioning Engineering	The Refrigeration and Air Conditioning Engineering department is considered the second level of technical education, following technical institutes. Higher technical education is a crucial and important source that provides the country with qualified hands while simultaneously fulfilling the aspirations of students who who to continue their university education in applied technical fields. The department strives to create a scientific environment that adheres to academic accreditation standards in education, learning, and scientific research. It aims to prepare qualified graduates possessing scientific appailabilities in the field of refrigeration and air conditioning engineering, as well as developing and enhancing the teaching staff, encouraging them to engage in scientific research, produce outputs compatible with reality, achieve feasibility through research projects, and contribute to providing the necessary competencies to the job market. The Refrigeration and Air Conditioning Engineering branch aims to qualify graduates to be technical engineers capable of designing preliminary designs for refrigeration and air conditioning systems in general, supervising the maintenance and installation of these systems in their various types. The academic system adopted by the department for undergraduate students follows the Bologan Process system, with a student duration of four years, with the student completing these units over 15S hours according to the academic stages. Additionally, there are two months of summer training in the second and third stages, where students frain in various departments and specialized companies to enhance their scientific knowledge in the field of refrigeration and air conditioning. The department also organizes numerous scientific activities, seminary, and support students in their scientific graduation projects.	2,900,000
10	Aviation Engineering	The Aviation Engineering Department aims to prepare a competent engineering workforce well-versed in all aircraft maintenance details. It covers various study subjects that develop the student's knowledge needed in their specialization field, such as aircraft engines, aircraft design, aircraft maintenance systems, and many other important sciences that qualify the student to work in other fields and link them to other engineering disciplines, such as materials focusing on the study of air and fluid mechanics and heat transfer. The department supports students with numerous scientific activities and senimars that enhance their knowledge in their respective specialization. The academic system adopted by the department for undergraduate students is the annual system, with a study duration of four years. During this period, students are required to complete 183 units distributed over the four years, with the student completing these units wor 1134 hours according to the academic stages. Additionally, there are two months of training in the second and third stages during the summer varaction, during which students train at various sirports and aircraft workshops. The program includes various cognitive objectives, including the ability to apply knowledge in mathematics, science, and engineering, understanding the professional and ethical responsibilities of the specialization field, the ability to evaluate the outcomes of the academic material with practicing faculty members, industry professionals, and employers, as well as graduates to improve it. It also aims to teach leadership skills and the value of commitment, ethical behavior, and respect for others.	2,900,000
11	Laser and Optical Fiber Engineering	The Laser and Optical Electronics Engineering Department at Farahidi University's College of Engineering Technology aims to be a primary contributor in preparing specialized and highly qualified individuals in laser engineering and optical electronics technologies, covering a wide range of industrial, engineering, and medical fields in both the public and private sectors. The department's program aims to graduate engineers proficient in laser and optical electronics fields, capable of designing, analyzing, and finding appropriate solutions to practical problems, and adepthy handling cannot etchnology. Additionally, it prepares graduates to participate in postgraduate studies inside and outside Iraq, work in research centers, contribute to practical research in laser and optical electronics to solve real-world problems, and contribute to community service. The program also actively participates in community development, enhances conference organization, seminars, and continuous education in the field of engineering, and adopts a countribute to community service. The program abon active the program of	2,900,000
12	Architecture Engineering	The department's program focuses on preparing students for professional practice as architects by providing them with the knowledge and skills necessary to design buildings and spaces that meet the needs of clients and users, as well as the requirements of local building laws and regulations. It develops comprehensive curricula covering the theoretical and practical aspects of architecture, providing students with comprehensive education and interaction with local communities, architects, and builders to understand architectural traditions, local needs, and challenges, and design buildings and spaces that rerespond to these factors. It enhances knowledge in the field of architecture through research, experimentation, and design exploration by encouraging faculty and students to participate in research and scientific activities. It promotes sustainable hinging design and construction by encouraging faculty and students to participate in research and scientific activities. It promotes sustainable building design and construction by encouraging the use of sustainable materials and technologies and designing buildings and apaces that are energy-efficient and evin evince of the production of the producti	2,900,000
13	Forensic Evidence	Firstly: Achieving excellence in forensic sciences through modern scientific research methods to graduate students with the knowledge and skills necessary to work in relevant institutions. This includes teaching students theoretically and scientifically all fundamental scientific lessons such as biological sciences, physiology, blood diseases, immunology, molecular biology, and DNA fingerprint analysis. Students learn the basics of biology, the types of organisms, their interaction with the environment, and the study of cell theories. Later stages of the study focus on DNA analysis, genetic fingerprinting, the immune system, and the body's defense mechanisms against microbes, as well as the mechanics of immune cells. Advanced topics cover analytical sciences of toxic and drug substances, their detection, and the study of their pharmacological effects on the body. This also includes lessons in forensic chemistry, chemical detection of crime substances, and examining pre and post-crime samples. Specialists educate students on the characteristics and specifications of crime scene, criminal investigations, sample collection, and the importance of preserving evidence at the crime scene. As for the subject of forensic melicine and justice, it is taught by specialized doctors. Material foregery and in detection are essential topics covered before graduation, in addition to criminal psychology related to studying all factors affecting the behavior of addicts or criminals. Students also train in their labs and specialized labs through collaboration mechanisms and workshops with organizations concerned with this aspect. Graduation projects for forensic science students include all practical applications of the lessons covered during their study, including criminal, crime seene, drug, genetic, and statistical studies of these aspects. Secondly: Developing students' capabilities through training in forensic laboratories to keep pace with everything new in the field, with the consolidation of ties and collaboration with sci	2,750,000
14	Communication Engineering	The Department of Communication Engineering aims to prepare distinguished engineers for the most vital, diverse, and continuously evolving engineering specialization, which has been one of the fastest-growing branches of knowledge in the past century. The department aims to equip engineers who can deal with the three distinct branches of described in the past century. The department aims to equip engineers may can deal with the three distinct branches of described in the past century of the department provides students with a pethora of subjects from various curricula, including telecommunications sucknown communications networks and computers, electronic circuit design for communications networks and computers, and much more. The academic system adopted by the department for undergraduate students is the annual system, with a study duration of four years. During this period, students are required to complete 199 units distributed over the four years, with the student completing these units over 145 hours according to the academic stages. Additionally, there are two months of training in the second and third stages during the summer vacation, during which students are trained in various circuits and companies to enhance their practical knowledge. Furthermore, there are departmental scientific activities and seminars. The cognitive objectives provided by the program include the ability to apply knowledge in mathematics; exience, and engineering reabilities to comprehend the fundamental concepts of electrical and electronic circuits for computer systems; the ability to identify, formulate, and solve engineering problems; enabling students to control computer systems using various programming languages; enabling students to build and monitor computer networks, troublesboot them if necessary, and apply the porterious scientific concepts learned in real-world situation through specialized graduation project graduation project.	2,500,000
15	Accountancy	The academic program description provides a concise summary of the program's key features and the expected learning outcomes that students are expected to achieve by establishing a close relationship between the graduates of this department and the labor market. To award students a Bachelor's degree in Accounting To develop an academically distinguished program that positions the Accounting Department within the College of Business and Economics at Al-Farahidi University as a leading local and international center for teaching, research, and knowledge development in the field of accounting. To graduate generations of creative accountants who are committed to professionalism and ethics and contribute effectively to the sustainable development of institutions and societies. To provide a distinctive and stimulating learning environment that promotes critical thinking, innovation, and entrepreneurship, empowering students to excel in their academic, professional, and other becomes the professional three of the provide and advanced learning environment in the field of accounting that enables students to acquire the knowledge and skills necessary to analyze financial data and make strategic financial decisions with confidence and accuracy. To promote ethical values and social responsibility and graduate generations of accountants committed to integrity and honesty in their professional practice. To achieve eademic and professional success for our students and to achieve leadership in the field of accounting and excellence in serving society and the economy. Deep understanding of accounting principles and basic accounting concepts. Extensive knowledge of modern accounting systems and tools. Thorough knowledge of local and international financial and accounting laws and regulations. Financial data analysis skills, Skills in anyting accounting concepts to solve practical financial aproblems. The academic program for the Bachelor of Accounting degree includes a set of courses that aim to provide students with the knowled	1,900,000

16	Law	The academic program description provides a brief summary of the most important characteristics of the program and the learning outcomes that the student is expected to achieve by establishing a close relationship between graduates of this department and the labor market. The student will obtain a backelor's degree in law. The academic studies program at the College of Law aims to provide students with the knowledge and skills necessary to understand laws and legal systems. The program includes the study of multiple topics related to civil, criminal, commercial, constitutional and international law. The courses in the program vary between theoretical subjects that chanace students' understanding of legal and political concepts, and practical subjects that help them apply these concepts in solving legal problems. The program also usually includes a period of practical training in the field of law to apply the skills they have acquired during their studies. The law program aims to produce graduates qualified to work in multiple fields such as law, the judiciary, government work, diplomatic work, and academic research in the fields of law. The program may also include opportunities to participate in cultural exchange programs with other universities, workshops, and specialized conferences to increase scientific and cultural interaction with students and researchers in the field of law	1,750,000
17	English Language	The description of the English department's academic program is a necessary summary of the scientific and educational knowledge that the student acquires through the courses they have passed during the stages of study in order to qualify them to engage in work in their field of specialization. Aims of the academic program: a Striving to improve the level of educational services provided to students by graduating qualified teachers to work in programment institutions. Be daining the second in the control of course of the course of the stripe o	1,750,000
18	Business administration	The program description provides a concise overview of the program's key features and the expected learning outcomes for students, establishing a strong connection between the department's graduates and the job market Students will receive a Bachelor's degree in Business Administration, and we strive to develop a new generation of creative and innovative leaders and entrepreneurs who possess the knowledge and skills necessary to succeed in a rapidly changing business environment. We strongly believe in the power of education and learning as a tool for personal and professional development, and for promoting innovation and excellence in business administration. We strive to offer an outstanding academic program that combines theory and practical application, providing our students with unparalleled opportunities to develop their skills and acquire the knowledge needed to succeed in a competitive business environment. Provide high-quality education occurring a wide range of basic and advanced topics and concepts in business administration. Develop adulent's skills in the industry and provide training, employment, and applied learning opportunities through partnerships and knowledge exclusion programs. Encourage entrepreneurship and develop healthy to launch the industry and provide training, employment, and applied learning opportunities through partnerships and knowledge exclusions provide training, employment, and applied learning opportunities through partnerships and knowledge exclusions and exceed in the field of business. Provide training, employment, and applied learning opportunities through partnerships and knowledge exclusions administration. Exceeding the high training and the strip and the providers and encourage them to participate in service and volunter activities, Achieve academic and professional enteraction with manufacturing frequency and the providership and partnership and professional enteraction and encourage them to participate in service and volunter activities, Achieve academic and profe	1,500,000
19	Financial Banking	To be a leading program in the field of banking and finance education and research, and to prepare a new generation of graduates and professionals who are capable of excelling in the rapidly changing financial world. To provide a comprehensive academic program that combines theoretical knowledge with practical application, enabling our graduates to excel in various financial and banking fields with skill and sustainability. We aim to stimulate innovation and critical thinking, and to provide a supportive learning environment that encourages continuous learning and development of society and the economy. To provide excellent education that combines theory and practical application in the fields of banking and finance. To develop students' critical thinking and analytical skills, and to enhance their ability to make informed financial decisions To encourage students to innovate and be creative in the fields of banking and finance. To develop students' critical thinking and analytical skills, and to enhance their ability to make informed financial decisions To encourage students to innovate and be creative in the fields of banking and finance. The program in incurse system, and it is distributed over four academic stages, each of which includes two semesters. The program includes a significant amount of practical work, such as internships, case studies and projects, to ensure that graduates are prepared for the workplace. The program is research-informed, and faculty members actively engaged in research in avious areas of banking and finance. The program is research-informed, and faculty members actively engaged in research in avious areas of banking and finance in the program is studied to the program in studies a significant amount of practical work, such as internships, case studies and projects, but such as studied to the program with the equipose of the workplace. The program is research-informed, and faculty members actively engaged microament with small class sizes and prevalent activations are studied and	1,500,000

20	Physical Education and Sports Sciences	The description of the Department of Physical Education and Sports Sciences academic program is a necessary summary of the scientific and educational knowledge that the student acquires through the courses they have passed during the stages of study in order to qualify them to engage in work in their field of specialization. Aims of the academic program: a. Striving to improve the level of educational services provided to students by graduating qualified teachers to work in government institutions. b. Raising the scientific level of students and teachers by encouraging scientific research and sending them on missions abroad Iraq. Required learning outcomes and teaching, learning and assessment methods: Knowledge and understanding: a. To become familiar with the teaching methods serving in the scientific part of the educational process Teaching and learning methods: Educational approaches in the educational process. Studies groups, Research and reports, and Physical applications. Evaluation methods: Conducting theoretical and practical exam Learning and teaching methods: Thinking strategy is entering in students in shiftly, Critical thinking strategy in stranging strategy in education, and Picture's purpose strategy. Leadership: The student is able to motivate and guide others, Independence at work, and accepts responsibility for opinions and procedures and he (she) is able to move within the framework of his (her) own directives and take the initiative to solve obstacles in the field of specialization to active continuous improvement in performance. General and transferlands skills (other skills related to employability and personal development): I. Verbal communication 2. The ability to express ideas clearly and confidently in speech 3. Teamwork (working confidently within a group) 4. Analysis and investigation. Solidiscitification to activities and implement them in an effective way to practice work in educational problems and how to solve them 8. Time management: managing time effectively, prioritizing tasks	1,500,000
21	Media	The duration of the program is 4 years, and the college adopts the annual academic system. The college accepts students in this program at the beginning of the academic year and according to the percentages determined by the Ministry of Higher Education and Scientific Research. The student wishing to enroll must have a preparatory certificate in its scientific and literary branches and an industrial preparatory certificate in the technology branch, media. The number of approved study hours varies according to the academic subjects because they contain theoretical and practical subjects, and the student can complete his studies in a period of four years. The bachelor's program concludes with a graduation project and a final exam. The specializations in the college are two branches: radio and television journalism, and it includes subjects such as (digital public relations, qualitative public relations, international media, ethics legislation and ethics, etc.). Study in the college proceeds in two axes: The first axis: is studying the requirements of the college curricula, and this is done through lectures given by specialized professors. The study is theoretical and there is a daily exam at the end of the lecture. The second axis of the study relates to practical training in the speciality, and a grade is assigned to it like the rest of the subjects. The college works on two parallel axes: providing education to its students and at the same time maintaining quality standards. The student must pass the final exam at the end of the academic year in order to move to a higher stage. It also requires successfully passing the four academic stages to obtain a bachelor's degree in media.	1,250,000
22	Arabic Language	The description of the Arabic Language department's academic program is a necessary summary of the scientific and educational knowledge that the student acquires through the courses they have passed during the stages of study in order to qualify them to engage in work in their field of specialization. Aims of the academic program: a. Striving to improve the level of educational services provided to students by graduating qualified teachers to work in government institutions. Because the scientific level of students and teachers by encouraging scientific research and sending into missions abroad trans. Required teaming outcomes and teaching, learning and assessment methods: Knowledge and understanding: a. To become familiar with the concept of education, teaching and learning, b. To become familiar with the teaching methods used in the educational process. Fusching and learning methods: Educational approaches in the educational process. Studies groups, Research and reports, and Physical applications. Evaluations Conducting the exercised according to students ability. Critical thinking strategy in learning, Brainstorning strategy in learning, Problem solving strategy in education, and Pitticar because the students of the support of t	1,000,000