

# WHAT CAN I DO WITH MY MAJOR?

A Comprehensive Guide to AIU Majors,  
Program Descriptions, and Career Applications









## **American International University: Shaping Leaders, Inspiring Futures**

American International University, AIU, represents a forward-thinking model of higher education that blends academic excellence with a global outlook. Guided by experienced American educators, AIU empowers students to become innovators and leaders, equipping them with the intellectual and professional skills needed to succeed both locally and internationally.

What sets AIU apart is its vibrant learning environment—where education extends beyond the classroom through cultural events, student-led initiatives, and collaborative projects that foster creativity, leadership, and social responsibility. The university's vision is to redefine higher education in the region by fostering innovation, critical thinking, and global awareness.

Located in Kuwait—a country at the crossroads of cultural heritage and rapid economic growth—AIU plays a vital role in shaping the next generation of professionals and leaders who will drive the nation's progress. With Kuwait's evolving job market demanding innovation, adaptability, and global competence, AIU ensures its graduates are well-prepared to contribute meaningfully to key sectors such as business, technology, design, and engineering. The university's commitment to cultivating young leaders aligns with Kuwait's vision for a knowledge-driven, sustainable future.

AIU offers diverse academic programs that merge theory with practical experience, ensuring graduates are prepared to thrive in today's competitive job market. Students gain not only academic knowledge but also personal growth, professional competence, and a strong sense of community—preparing them for success across industries.

Career Services at AIU serve as a bridge between education and employment, offering career counseling, internships, workshops, and employer engagement opportunities. These initiatives help students explore career options, develop essential skills, and transition confidently into the workforce—ensuring they graduate both academically strong and career ready.

**Discover career pathways, real-world opportunities, and the essential skills you'll gain through each program.**



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# SCHOOL OF BUSINESS

[aiu.edu.kw/schools/business](http://aiu.edu.kw/schools/business)



# SCHOOL OF BUSINESS

The School of Business is committed to cultivating future leaders who drive meaningful impact across industries and communities. In alignment with Kuwait Vision 2035, the school focuses on developing a new generation of business professionals equipped with practical experience and grounded in the values of trust, respect, lifelong learning, and excellence.

## CMI Accreditation

The School of Business at AIU is a CMI (Chartered Management Institute) Accredited School. This accreditation ensures that our programs meet rigorous standards of excellence, preparing our students for successful careers in management, finance, and accounting.



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# Accounting

The **Bachelor of Science in Business Administration - Accounting** equips students with the expertise to analyze, manage, and report financial information in a global business environment. The program integrates core business fundamentals with specialized coursework in financial accounting, managerial accounting, auditing, taxation, and financial analysis.

Students develop strong analytical and problem-solving skills while gaining proficiency in industry-standard accounting tools and software. Through internships and hands-on projects with local firms, students acquire real-world experience in financial reporting, budgeting, auditing, and strategic decision-making.

Graduates are prepared for diverse roles in both the public and private sectors, locally and across the GCC, with a strong foundation for careers as accountants, auditors, financial analysts, tax consultants, and finance managers.



Students specializing in Accounting will earn a CMI Certificate, showcasing their knowledge in financial reporting, auditing, and managerial accounting practices.



Accounting degree is accredited by the Association of Chartered Certified Accountants, a globally recognized professional qualification dictating the quality of education of our School.

## Examples of future careers:

Industries	Professions	Companies
Public Accounting & Audit	Auditor, External Auditor, Tax Advisor, Accounting Associate	PwC, Deloitte, EY, KPMG, Protiviti (regional offices in Kuwait & GCC)
Corporate Accounting	Financial Accountant, Cost Accountant, Payroll Specialist, Internal Auditor	Agility, Alghanim Industries, Zain, Ooredoo, family conglomerates in Kuwait
Government & Public Sector	Government Accountant, Budget Officer, Internal Auditor, Compliance Specialist	Ministry of Finance, Central Bank of Kuwait, Audit Bureau, regional ministries
Banking & Financial Services	Bank Accountant, Loan Officer, Risk & Compliance Accountant	NBK, KFH, Gulf Bank, Burgan Bank, Boubyan Bank, Emirates NBD, QNB
Oil, Gas & Energy	Cost Accountant, Joint Venture Accountant, Financial Reporting Specialist	KOC, KNPC, KIPIC, Saudi Aramco, ADNOC, QatarEnergy
Insurance	Insurance Accountant, Claims Specialist, Risk Reporting Analyst	Gulf Insurance Group, Warba Insurance, AXA Gulf, Tawuniya
Real Estate & Construction	Project Accountant, Budget Analyst, Financial Controller	United Real Estate, Tamdeen Group, Emaar, Dar Al Arkan
Stock & Capital Markets	Accounting Analyst, Compliance Specialist, Equity Reporting Accountant	Boursa Kuwait, Tadawul, Dubai Financial Market, Egyptian Exchange
Consulting & Advisory	Management Accountant, Financial Consultant, Tax & Advisory Specialist	PwC, Deloitte, EY, KPMG, Grant Thornton
SMEs & Entrepreneurship	General Accountant, Bookkeeper, Finance Officer	Local SMEs, startups, and accounting offices in Kuwait and the wider Arab region

*The information provided is for illustrative purposes only.*



# Finance

## The **Bachelor of Science in Business Administration**

- **Finance** prepares students to manage and optimize financial resources in a dynamic global economy. The program covers key areas such as corporate finance, investment analysis, financial markets, banking, risk management, and international finance.

Students develop advanced analytical and quantitative skills, gaining the ability to evaluate investments, manage portfolios, and make strategic financial decisions. Training in financial modeling and industry-standard software enhances both technical competence and practical understanding. Through internships with banks, investment firms, and leading businesses in Kuwait, students gain valuable hands-on experience in financial planning, market research, and risk assessment.

Graduates emerge ready for careers as financial analysts, investment advisors, bankers, portfolio managers, or consultants—equipped to excel in both local and international markets.



### **CMI Accreditation**

Students pursuing a Finance major will be awarded a CMI Certificate, demonstrating their proficiency in financial analysis, investment strategies, and risk management.

### **Examples of future careers:**

Industries	Professions	Companies
Banking	Financial Analyst, Credit Analyst, Relationship Manager, Risk Manager	NBK, KFH, Gulf Bank, Al Ahli Bank, Emirates NBD, QNB . KIB
Investment & Asset Management	Portfolio Manager, Equity Analyst, Investment Banker	Kuwait Investment Authority (KIA), Kuwait Finance & Investment Co., Saudi PIF, Qatar Investment Authority
Corporate Finance	Corporate Treasurer, Financial Controller, CFO	Agility, Alghanim Industries, Zain, Ooredoo, large family businesses
Insurance	Actuary, Underwriter, Claims Analyst, Risk Consultant	Gulf Insurance Group, Warba Insurance, AXA Gulf, Tawuniya
Oil, Gas & Energy	Financial Planner, Cost Analyst, Budgeting Specialist	KOC, KNPC, KIPIC, Saudi Aramco, ADNOC, QatarEnergy
Government & Public Sector	Public Finance Analyst, Budget Specialist, Policy Advisor	Ministry of Finance, Central Bank of Kuwait, regional finance ministries
Real Estate & Construction	Real Estate Financial Analyst, Project Finance Specialist	United Real Estate, Tamdeen Group, Emaar, Dar Al Arkan
Stock & Capital Markets	Trader, Equity Research Analyst, Compliance Officer	Boursa Kuwait, Tadawul, Dubai Financial Market, Egyptian Exchange
Consulting & Audit	Financial Consultant, Auditor, Tax Advisor	PwC, Deloitte, EY, KPMG, Protiviti
FinTech & Digital Banking	FinTech Analyst, Digital Banking Specialist, Blockchain Finance Specialist	Boubyan Bank, Tamara, Tabby, PayTabs, regional startups

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# Management

The **Bachelor of Science in Business Administration - Management** program provides students with a strong foundation in organizational behavior, human resources, entrepreneurship, and project management, while covering essential business principles. Through case-based learning, hands-on projects, and internships, students develop critical skills in leadership, decision-making, communication, and problem-solving.

The program emphasizes practical experience and strategic thinking, preparing graduates to manage teams, drive business growth, and lead effectively across industries. Students are equipped to pursue

careers in management, consulting, human resources, operations, and entrepreneurship—both within Kuwait and throughout the Arab region.



## CMI Accreditation

Students in the Management major will receive a prestigious CMI Diploma upon successful completion of their program. This diploma signifies their expertise in leadership, organizational management, and strategic planning.

## Examples of future careers:

Industries	Professions	Companies
Banking & Financial Services	Branch Manager, Operations Manager, Customer Relations Manager, Business Development Officer	NBK, KFH, Gulf Bank, Burgan Bank, Emirates NBD, QNB
Telecom & Technology	Project Manager, Operations Supervisor, Strategy Analyst, Customer Experience Manager	Zain, Ooredoo, STC Kuwait, Etisalat (UAE), Mobily (Saudi)
Logistics & Supply Chain	Operations Manager, Procurement Specialist, Supply Chain Coordinator, Warehouse Manager	Agility, Aramex, DHL, Kuwait Ports Authority
Retail & Consumer Goods	Store Manager, Regional Sales Manager, HR Manager, Training & Development Officer	Alshaya Group, Alghanim Industries, Carrefour, Sultan Center, Apple Inc.
Oil, Gas & Energy	HR Business Partner, Training Manager, Organizational Development Specialist, Operations Planner	KOC, KNPC, KIPIC, Saudi Aramco, ADNOC, QatarEnergy
Government & Public Sector	Policy Advisor, Public Administration Manager, HR & Recruitment Officer, Project Coordinator	Civil Service Commission, Ministry of Finance, Municipality, GCC ministries
Healthcare & Hospitals	Healthcare Administrator, HR Manager, Quality Assurance Manager, Operations Supervisor	Ministry of Health, Dar Al Shifa, Saudi German Hospital, Cleveland Clinic Abu Dhabi
Education & Training	Academic Program Coordinator, Student Affairs Manager, HR & Recruitment Specialist	Kuwait University, AIU, AUM, Gulf University for Science & Technology, Arab Open University
Real Estate & Construction	Project Manager, Contract Administrator, Operations Manager, Facility Manager	United Real Estate, Tamdeen Group, Emaar, Dar Al Arkan
Hospitality & Tourism	Hotel Manager, HR & Training Officer, Guest Relations Manager, Operations Manager	Jumeirah Messilah, Hilton, Marriott, Rotana, Jumeirah Group

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# SCHOOL OF ARCHITECTURE & DESIGN



[aiu.edu.kw/schools/architecture-design](http://aiu.edu.kw/schools/architecture-design)



# SCHOOL OF ARCHITECTURE & DESIGN

The School of Architecture and Design at AIU plays a key role in nurturing creative thinkers and preparing future architects and designers to make meaningful contributions to society. Its mission is to educate students and the public in the creation and appreciation of art and design while fostering critical thinking, innovation, and cultural awareness.

Recognizing that design shapes how people experience spaces, products, and ideas, the school integrates creativity with purpose. Through visionary programs that balance theory and practical application, students develop the skills to design impactful, sustainable, and human-centered solutions that inspire and serve communities both locally and globally.

**i**

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# Graphic Design

The **Bachelor of Fine Arts in Graphic Design** program equips students with the creative, technical, and professional expertise required for today's dynamic visual communication industries. Blending art, design principles, and digital media, the curriculum covers typography, branding, interactive design, motion graphics, and advertising.

Students gain hands-on experience through coursework and internships that include real-world collaborations with local companies and organizations. From developing brand identities to producing digital campaigns and multimedia content, students refine their creativity and problem-solving abilities while mastering industry tools such as Adobe Creative Suite.

By graduation, students possess strong portfolios, professional experience, and the confidence to pursue careers as graphic designers, art directors, multimedia specialists, or creative entrepreneurs—ready to thrive in Kuwait and across global creative markets.



## CMI Accreditation

Students specializing in Graphic Design will earn a CMI Certificate, showcasing their knowledge in creative direction, project management, and strategic visual communication practices that align with leadership and management standards in the design industry.

## Examples of future careers:

Industries	Professions	Companies
Advertising & Marketing	Graphic Designer, Art Director, Branding Specialist	Impact BBDO, JWT, Gulf Consult, AL-Mulla Media, Horizon FCB
Media & Publishing	Layout Designer, Illustrator, Editorial Designer	Al-Qabas Newspaper, Arab Times, regional publishing houses, MBC Group
Digital & Social Media	Social Media Designer, Content Creator, Motion Graphics Designer	Boutikaat, Talabat, Noon, regional digital agencies
Corporate Branding	Brand Identity Designer, Visual Communication Specialist	Kuwait Finance House, NBK, Zain, Ooredoo, Gulf Bank
Entertainment & Gaming	Game Artist, Multimedia Designer, 2D/3D Illustrator	Gaming startups, indie designers, Rotana Media, The Walt Disney Company
Education & E-Learning	Instructional Designer, Infographics Designer, Multimedia Specialist	Kuwait University, PAAET, EdTech startups
Events & Exhibitions	Exhibition Graphics Designer, Stage Visual Designer	Kuwait International Fair, Expo legacy projects, regional cultural centers
Cultural & Fine Arts	Illustrator, Visual Artist, Printmaking Designer	NCCAL, regional galleries, art studios
E-Commerce & Retail	UI/UX Designer, Packaging Designer, Visual Merchandiser	X-cite, IKEA, Noon, Amazon MENA
Film & Animation	Motion Graphics Artist, Storyboard Artist, Visual FX Designer	Kuwait TV, Arab cinema production houses, twofour54 (Abu Dhabi), animation studios in Egypt

*The information provided is for illustrative purposes only.*



# Interior Design

The **Bachelor of Fine Arts in Interior Design** prepares students to create functional, safe, and visually engaging interior environments. The program combines creativity with technical expertise, covering design fundamentals, architectural drawing, space planning, sustainable design, lighting, and materials.

Students develop strong visualization and problem-solving skills while gaining proficiency in industry-standard software such as AutoCAD, Revit, and 3D modeling tools. Through internships and real-world collaborations, they acquire hands-on experience designing residential, commercial, and cultural spaces that meet client needs.

Graduates leave with a professional portfolio, practical training, and the ability to pursue careers as interior designers, space planners, furniture designers, or consultants in Kuwait and across the region.



**CMI Accreditation**

Students specializing in Interior Design will earn a CMI Certificate, showcasing their knowledge in design project coordination, client management, and innovative space planning strategies rooted in professional leadership principles.

**Examples of future careers:**

Industries	Professions	Companies
Residential & Housing	Interior Designer, Space Planner, Furniture Designer	Dar Al-Handasah, KEO International Consultants, Alghanim International, private design studios in Kuwait
Commercial & Offices	Corporate Interior Designer, Workspace Planner, Fit-Out Specialist	Agility (HQ projects), KPF (regional), local design firms in Kuwait City
Hospitality & Tourism	Hotel Interior Designer, Resort Design Specialist, Luxury Space Designer	Jumeirah Hotels, Hilton Kuwait Resort, Kempinski, Marriott Middle East
Retail & Malls	Retail Space Designer, Visual Merchandiser, Lighting Designer	The Avenues Mall, Majid Al Futtaim, Landmark Group
Healthcare & Hospitals	Healthcare Interior Designer, Ergonomics Specialist	Ministry of Health (Kuwait), Dasman Diabetes Institute, hospital projects in KSA & UAE
Education & Public Facilities	Educational Facility Designer, Public Space Interior Designer	Kuwait University projects, PAAET, Ministries' building projects
Exhibitions & Events	Exhibition Designer, Stage & Set Designer, Event Space Planner	Kuwait International Fairground, Expo 2020 legacy (Dubai), cultural centers
Furniture & Product Design	Furniture Designer, Product & Materials Specialist	IKEA Kuwait, Midas Furniture, local custom furniture workshops
Luxury & High-End Design	Luxury Interior Designer, Villa Designer, Yacht & Private Jet Designer	Private clients in Kuwait, design firms in UAE & Saudi (luxury market)
Urban & Smart Cities	Smart Home Interior Designer, Sustainable Interiors Specialist	Kuwait Vision 2035 projects (Silk City), NEOM (Saudi), Lusail City (Qatar)

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# SCHOOL OF ENGINEERING & COMPUTING



[aiu.edu.kw/schools/engineering-computing](http://aiu.edu.kw/schools/engineering-computing)



# SCHOOL OF ENGINEERING & COMPUTING

The School of Engineering and Computing provides students with opportunities to work alongside forward-thinking faculty to develop technologies that enhance lives, expand knowledge, and create new possibilities.

Success in engineering stems from innovation and adaptability. With programs ranging from Biomedical Engineering to cutting-edge technological fields, the school emphasizes both theoretical foundations and practical applications. Students gain knowledge while actively contributing to the advancement of modern infrastructure and technology in Kuwait and beyond.

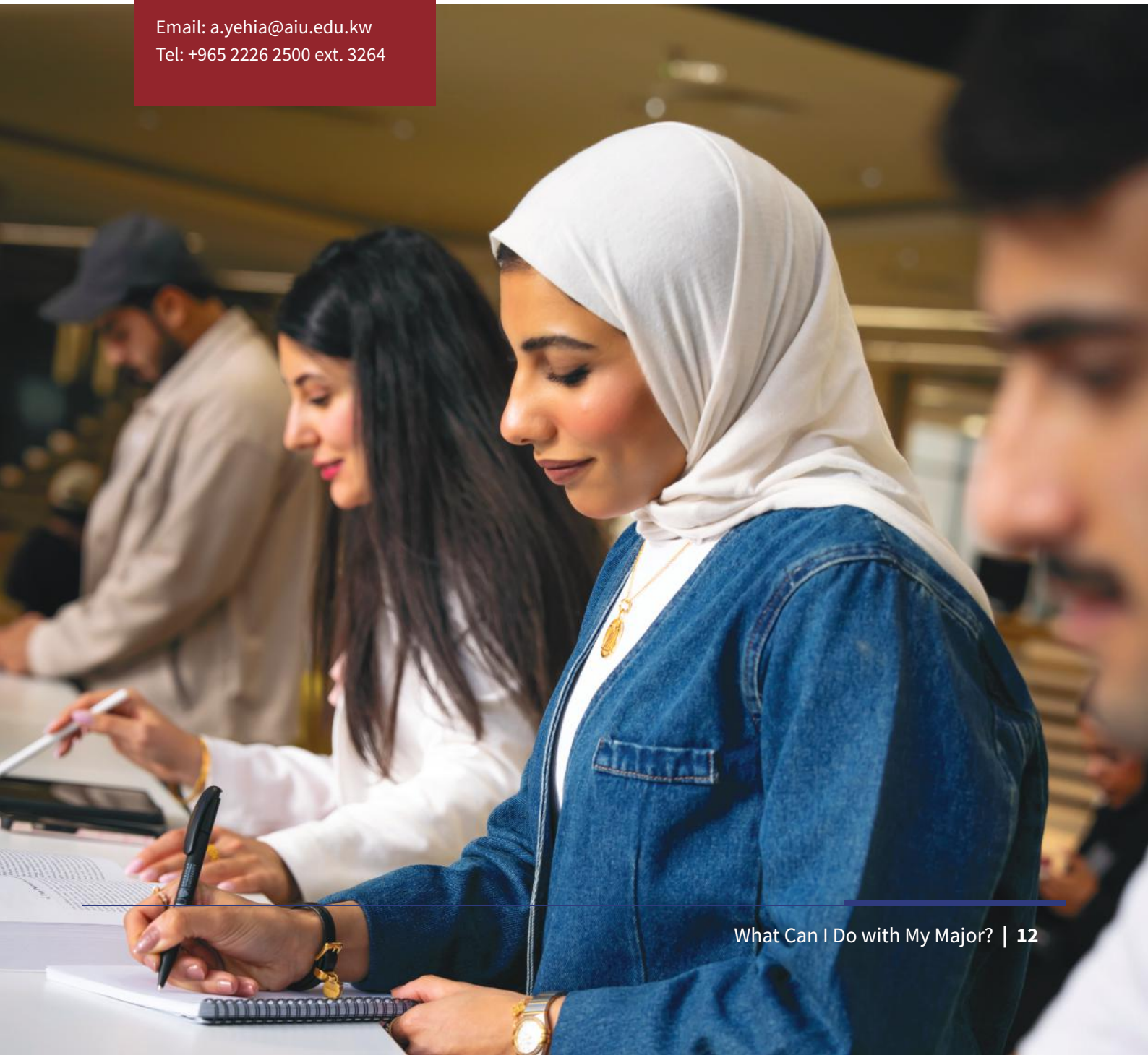
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# Biomedical Engineering

The **Bachelor of Science in Biomedical Engineering** integrates engineering, biology, and medicine to design technologies that improve healthcare and human well-being. The curriculum includes biomechanics, biomaterials, medical imaging, tissue engineering, and biomedical instrumentation.

Students build strong analytical and problem-solving skills while mastering advanced tools, software, and laboratory techniques. The program emphasizes innovation, safety, and applying engineering solutions

to real medical challenges. Internship projects and collaborations with hospitals, clinics, and research centers in Kuwait provide hands-on experience in medical device development, healthcare system analysis, and clinical research.

Graduates are prepared for careers as biomedical engineers, medical device specialists, research associates, or consultants in healthcare, medical technology, and biotechnology—both locally and internationally.

## Examples of future careers:

Industries	Professions	Companies
Hospitals & Healthcare	Clinical Engineer, Biomedical Equipment Specialist, Medical Devices Maintenance Engineer	Ministry of Health (Kuwait), Dasman Diabetes Institute, Jaber Hospital, Cleveland Clinic Abu Dhabi, King Faisal Specialist Hospital (Saudi)
Medical Devices & Equipment	Medical Device Design Engineer, Calibration Engineer, Service Engineer	Agility Kuwait, Gulf Medical, Philips Healthcare, Siemens Healthineers, Medtronic
Rehabilitation & Prosthetics	Prosthetics & Orthotics Engineer, Rehabilitation Technology Specialist	Kuwait Center for Prosthetics, specialized clinics, Ottobock, UAE rehabilitation centers
Biotechnology & Pharmaceuticals	Biomedical R&D Engineer, Biotech Product Developer, Quality Assurance Engineer	Kuwait Saudi Pharmaceutical Industries, Hikma (Jordan), Julphar (UAE), Eva Pharma (Egypt)
Research & Development	Biomedical Researcher, Tissue Engineering Specialist, Biomaterials Engineer	Kuwait Institute for Scientific Research (KISR), Kuwait University, KAUST (Saudi), Qatar Biomedical Research Institute
Health IT & Digital Health	Biomedical Software Engineer, Health Informatics Specialist, Medical Imaging Engineer	CAIT Kuwait, Vezeeta, Altibbi, telemedicine startups
Education & Training	University Lecturer, Biomedical Lab Instructor, Research Assistant	Kuwait University, PAAET, universities in UAE, Saudi Arabia, Egypt
Regulation & Quality	Medical Device Regulatory Specialist, Safety & Standards Engineer	Kuwait Drug & Food Control, Gulf Health Councils, SFDA (Saudi Food & Drug Authority)
E-Commerce & Retail	UI/UX Designer, Packaging Designer, Visual Merchandiser	X-cite, IKEA, Noon, Amazon MENA
Film & Animation	Motion Graphics Artist, Storyboard Artist, Visual FX Designer	Kuwait TV, Arab cinema production houses, twofour54 (Abu Dhabi), animation studios in Egypt

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# Chemical Engineering

The **Bachelor of Science in Chemical Engineering** prepares students to apply principles of chemistry, physics, mathematics, and engineering to develop processes that transform raw materials into valuable products. The program covers thermodynamics, fluid mechanics, reaction engineering, process control, and environmental engineering.

Students develop strong analytical, technical, and problem-solving skills while learning to design and optimize chemical processes that are safe, efficient, and

sustainable. Training in industry-standard software and laboratory practices ensures a balance of theoretical knowledge and practical expertise. Internship projects and collaborations with local industries provide hands-on experience in refining, petrochemicals, materials development, and environmental solutions.

Graduates are prepared for careers as chemical engineers, process engineers, safety engineers, or consultants across energy, manufacturing, and environmental sectors—both locally and globally.

## Examples of future careers:

Industries	Professions	Companies
Oil & Gas	Process Engineer, Production Engineer, Refinery Engineer, HSE Engineer	KOC, KNPC, KIPIC (Kuwait), Saudi Aramco, ADNOC (UAE), QatarEnergy
Petrochemicals & Polymers	Petrochemical Engineer, Polymer Engineer, Plant Engineer	PIC (Kuwait), SABIC (Saudi), Borouge (UAE), QAPCO (Qatar), Shell
Fertilizers & Chemicals	Fertilizer Production Engineer, Chemical Plant Engineer, R&D ChemEng	PIC (Kuwait), Misr Fertilizers (Egypt), GPIC (Bahrain)
Water & Desalination	Water Treatment Engineer, Desalination Plant Engineer, Membrane Specialist	MEW (Kuwait), KISR, ACWA Power (Saudi), Veolia
Pharmaceuticals & Healthcare	Pharmaceutical Process Engineer, Quality Control Engineer, Validation Engineer	Kuwait Saudi Pharmaceutical Industries, Hikma (Jordan), Julphar (UAE), Eva Pharma (Egypt)
Energy & Renewables	Hydrogen Engineer, Carbon Capture Engineer, Biofuel Engineer	Shagaya Renewable Energy Project (Kuwait), Masdar (UAE), NEOM Hydrogen Project (Saudi)
Food & Beverage	Food Process Engineer, Quality Assurance Engineer, Production Engineer	Americana Foods (Kuwait), Almarai (Saudi), Savola Group
Environmental & Sustainability	Environmental Engineer, Waste Management Engineer, Emissions Specialist	KISR, Environment Public Authority (Kuwait), Bee'ah (UAE)
Research & Development	R&D Engineer, Materials Engineer, Nanotechnology Engineer	KISR (Kuwait), KAUST (Saudi), Qatar Foundation, universities & labs
Construction Materials & Chemicals	Cement Process Engineer, Paints & Coatings Engineer, Chemical Safety Engineer	Kuwait Cement Company, Jotun Paints, Lafarge (Egypt/UAE)

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# Civil Engineering

The **Bachelor of Science in Civil Engineering** trains students to design, construct, and maintain the infrastructure that supports modern society. The program covers structural analysis and design, geotechnical engineering, transportation systems, water resources, construction management, and sustainable engineering practices.

Students develop strong problem-solving, analytical, and technical skills while gaining proficiency in industry-standard software and laboratory techniques. Internship projects and collaborations with engineering firms and government agencies provide

hands-on experience in real-world projects such as building design, road and bridge construction, and environmental systems.

Graduates are prepared for careers as civil engineers, project managers, construction consultants, or infrastructure specialists, contributing to the development of Kuwait and the wider region.

## Degree Specializations:

- Smart Cities,
- Building Information Modeling,
- Sustainable Design and Green Construction.

## Examples of future careers:

Industries	Professions	Companies
Construction & Infrastructure	Structural Engineer, Site engineer, Construction Manager, project Engineer/ Manager	Ministries of Kuwait, KECI International Consultants, Arab Engineering Bureau, Gulf Consultant, SSH Design
Transportation & Urban Planning	Transportation Engineer, Highway Engineer, Traffic Planner, Urban Development Specialist	Public Authority for Roads & Transportation, Kuwait Municipality, Parsons, AECOM Dar Al-Handasah
Water & Environmental Engineering	Environmental Engineer, Water Resources Engineer, Wastewater Treatment Engineer	Ministry of Electricity, Water & Renewable Energy, Kuwait Institute of Scientific Research, SUEZ, Weolia, WSP Global
Geotechnical Engineering	Geotechnical Engineer, Soil Testing Engineer, Foundation Specialist, Geology Project Manager	SoilTech Kuwait, Furgo Middle East, GES (Gulf Engineering Services), Alghanim Industries
Construction Management & Supervision	Structural Design Engineer, Civil CAD Designer, BIM Designer	AtkinsRealis, Pace, Pan Arab-Consulting, Engineering Land, Alghanim Engineering
Research & Development	Building Code Specialist, Safety & Standards Engineer, Research Specialist, Lab Coordinator, Quality Control Engineer	Kuwait University, Public Authority for Housing Welfare, Ministries, KISR, University, Research Centers
Healthcare & Hospitals	Healthcare Administrator, HR Manager, Quality Assurance Manager, Operations Supervisor	Ministry of Health, Dar Al Shifa, Saudi German Hospital, Cleveland Clinic Abu Dhabi
Education & Training	Academic Program Coordinator, Student Affairs Manager, HR & Recruitment Specialist	Kuwait University, AIU, AUM, Gulf University for Science & Technology, Arab Open University
Real Estate & Construction	Project Manager, Contract Administrator, Operations Manager, Facility Manager	United Real Estate, Tamdeen Group, Emaar, Dar Al Arkan
Hospitality & Tourism	Hotel Manager, HR & Training Officer, Guest Relations Manager, Operations Manager	Jumeirah Messilah, Hilton, Marriott, Rotana, Jumeirah Group

*The information provided is for illustrative purposes only.*



# Computer Science

The **Bachelor of Science in Computer Science** equips students with the skills to design, develop, and implement computational systems that drive innovation in today’s digital landscape. The program covers programming, data structures, algorithms, software engineering, databases, artificial intelligence, cybersecurity, and emerging technologies.

Students develop strong analytical and problem-solving skills while mastering multiple programming languages and industry-standard tools. Internships with technology companies and organizations in Kuwait provide practical experience, allowing students

to apply their knowledge to real-world challenges such as app development, data analysis, and IT solutions.

Graduates are prepared for careers as software developers, systems analysts, data scientists, cybersecurity specialists, or IT consultants, contributing to both local and global technology industries.

**Degree Specializations:**

- Blockchain Technology,
- Artificial Intelligence,
- Cybersecurity,
- Data Science.

**Examples of future careers:**

Industries	Professions	Companies
Information Technology & Software	Software Engineer, Systems Analyst, Cloud Engineer, IT Support	Zain, Ooredoo, Huawei, Microsoft Gulf, local startups
Banking & FinTech	Cybersecurity Specialist, Data Scientist, Blockchain Developer, IT Auditor	NBK, KFH, Gulf Bank, regional FinTech startups
Oil, Gas & Energy	Data Analyst, Automation Engineer, SCADA Systems Developer, AI Specialist	KOC, KNPC, KIPIC, Saudi Aramco, QatarEnergy
Telecommunications	Network Engineer, Security Engineer, AI/ML Developer	Zain, STC Kuwait, Ooredoo, Etisalat, du
Healthcare & Medical Tech	Health Informatics Specialist, Bioinformatics Engineer, AI in Healthcare, Data Security	Ministry of Health, Dasman Diabetes Institute, regional hospitals & healthtech startups
Government & Smart Cities	IT Consultant, Cybersecurity Officer, Smart Systems Developer	Kuwait Authority for Smart Cities, CAIT, Vision 2035 projects
Education & E-Learning	E-learning Platform Developer, Database Administrator, AI in Education	Kuwait University, PAAET, EdTech startups in UAE & Saudi Arabia
Retail & E-Commerce	Web Developer, App Developer, Data Scientist, Digital Marketing Analyst	X-cite, Carriage, Talabat, Noon, Amazon MENA
Transportation & Logistics	Systems Engineer, IoT Developer, AI for Traffic Control, GIS Specialist	Kuwait Ports Authority, Kuwait Airways, DP World (UAE), Riyadh Metro project
Cybersecurity	Ethical Hacker, SOC Analyst, Security Consultant	National Cybersecurity Center (Saudi), CAIT Kuwait, private cybersecurity firms
Gaming & Entertainment	Game Developer, AR/VR Engineer, Multimedia Specialist	Gaming startups in UAE & Saudi, indie developers in Kuwait
Research & Development	AI Researcher, Robotics Engineer, Big Data Analyst	KISR, Qatar Computing Research Institute, KAUST (Saudi)

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# Electrical and Computer Engineering

The **Bachelor of Science in Electrical and Computer Engineering** degree blends electrical engineering and computer science to prepare students for careers in energy, communications, automation, smart systems, and emerging technologies. Students gain expertise in circuits, electronics, digital systems, power and renewable energy, embedded systems, IoT, and artificial intelligence.

The program emphasizes design, programming, data analysis, and simulation tools, with hands-on

projects and industry internships providing practical experience. Collaborations with organizations such as KOC, Zain, and the Ministry of Electricity and Water equip graduates with the skills and innovative mindset needed to succeed in today’s technological world.

**Degree Specializations:**

- Automation and Robotics,
- Renewable Energy,
- Smart Electronics and the Internet of Things.

**Examples of future careers:**

Industries	Professions	Companies
Energy & Power Systems	Power Engineer, Electrical Engineer, Renewable Energy Specialist	MEW, KOC, KAHRAMAA (Qatar), Saudi Aramco
Telecommunications	Network Engineer, Communication Systems Engineer, RF Engineer	Zain, Ooredoo, STC, Etisalat (UAE)
Information Technology & IoT	IoT Developer, Embedded Systems Engineer, Automation Engineer	Huawei, Ericsson, Agility, local tech startups
Smart Systems & Automation	Control Engineer, Robotics Engineer, Automation Specialist	Siemens, ABB, Schlumberger, Kuwait University Research Centers
Electronics & Hardware	Electronics Design Engineer, Chip/PCB Designer, Hardware Engineer	Panasonic (regional offices), Gulf Electronics, local manufacturing firms, Intel
Artificial Intelligence & Data	AI Engineer, Machine Learning Specialist, Data Analyst	IBM Middle East, Microsoft Kuwait, startups in AI & FinTech
Oil & Gas	Instrumentation Engineer, Control Systems Engineer, Electrical Maintenance Engineer	KOC, KNPC, QP (Qatar Petroleum), ADNOC (UAE)
Aerospace & Defense	Avionics Engineer, Systems Engineer, Electrical Design Engineer	Kuwait Airways, Qatar Airways, Saudi Aerospace, defense ministries
Healthcare Technology	Biomedical Systems Engineer, Medical Device Developer	GE Healthcare, Siemens Healthineers, Ministry of Health Kuwait
Education & Research	University Lecturer, Research Engineer, Lab Instructor	AIU Kuwait, Kuwait University, KAUST (Saudi Arabia)

*The information provided is for illustrative purposes only.*

# Industrial Engineering

The **Bachelor of Science in Industrial Engineering** degree equips students to design and optimize systems that enhance efficiency and productivity. The curriculum includes operations research, production systems, supply chain management, quality control, lean Six Sigma, and data analytics.

Students develop skills in process optimization, decision-making, and simulation tools, gaining practical experience through projects and internships in manufacturing, oil & gas, healthcare, and service industries. Graduates are prepared for careers that improve organizational performance across diverse sectors in Kuwait and the wider region.

## Degree Specializations:

- Industrial Digitalization and Future Factories,
- Engineering Management,
- Sustainable Design in Engineering.



## CMI Accreditation

Students in Industrial Engineering specializing in Engineering Management will earn a CMI Certificate, showcasing their expertise in leadership, project management, and operational excellence.

## Examples of future careers:

Industries	Professions	Companies
Manufacturing & Production	Production Engineer, Process Engineer, Industrial Engineer	EQUATE Petrochemicals (Kuwait), SABIC (Saudi), Jazeera Paints
Oil & Gas / Energy	Operations Engineer, HSE Engineer, Reliability Engineer	KOC, KNPC, ADNOC (UAE), Qatar Petroleum
Supply Chain & Logistics	Supply Chain Analyst, Logistics Engineer, Operations Manager	Agility Logistics (Kuwait), Aramex, DHL Middle East
Healthcare Systems	Healthcare Operations Analyst, Quality Engineer, Process Improvement Specialist	Ministry of Health (Kuwait), Cleveland Clinic Abu Dhabi, King Faisal Specialist Hospital (Saudi)
Service & Retail	Operations Manager, Quality Control Specialist, Business Process Engineer	Alshaya Group (Kuwait), Majid Al Futtaim (UAE), Carrefour
Construction & Infrastructure	Project Planner, Cost Engineer, Operations Coordinator	Kharafi National (Kuwait), Arab Contractors (Egypt), Saudi Binladin Group
Transportation & Aviation	Operations Engineer, Maintenance Planner, Logistics Coordinator	Kuwait Airways, Jazeera Airways, Emirates Airlines
Consulting & Business Services	Management Consultant, Process Improvement Consultant, Lean Six Sigma Specialist	PwC Middle East, Deloitte, EY, McKinsey & Co.
Education & Research	Teaching Assistant, Research Engineer, Academic Coordinator	AIU Kuwait, Kuwait University, KAUST (Saudi Arabia)
Cybersecurity	Ethical Hacker, SOC Analyst, Security Consultant	National Cybersecurity Center (Saudi), CAIT Kuwait, private cybersecurity firms
Gaming & Entertainment	Game Developer, AR/VR Engineer, Multimedia Specialist	Gaming startups in UAE & Saudi, indie developers in Kuwait
Research & Development	AI Researcher, Robotics Engineer, Big Data Analyst	KISR, Qatar Computing Research Institute, KAUST (Saudi)

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# Mechanical Engineering

The **Bachelor of Science in Mechanical Engineering** program prepares students to design, analyze, and innovate mechanical systems across industries. The curriculum covers thermodynamics, fluid mechanics, materials science, dynamics, manufacturing processes, and robotics.

Students gain skills in mechanical design, CAD/CAM modeling, simulation, energy systems, and problem-solving, applying their knowledge through projects and internships in manufacturing, oil & gas, energy,

automotive, aerospace, and other sectors. Graduates are equipped to contribute to technological and industrial development in Kuwait and the wider region.

## Degree Specializations:

- Renewable Energy,
- Control and Robotic Engineering,
- Mechanical Systems and Design.

## Examples of future careers:

Industries	Professions	Companies
Manufacturing & Production	Mechanical Engineer, Maintenance Engineer, Production Engineer	EQUATE Petrochemicals (Kuwait), SABIC (Saudi Arabia), Jazeera Paints
Oil & Gas / Energy	Mechanical Design Engineer, Rotating Equipment Engineer, HVAC Engineer	KOC, KNPC, ADNOC (UAE), Qatar Petroleum
Automotive & Transportation	Automotive Engineer, Vehicle Systems Engineer, Maintenance Planner	Alghanim Industries (Kuwait), Toyota Middle East, Emirates Airlines, Tesla
Aerospace & Defense	Aerospace Engineer, Avionics Systems Engineer, Mechanical Designer	Kuwait Airways, Qatar Airways, Saudi Aerospace Industries
Construction & Infrastructure	Project Engineer, Structural & Mechanical Engineer, HVAC Specialist	Kharafi National (Kuwait), Arab Contractors (Egypt), Saudi Binladin Group
Energy & Renewable Energy	Renewable Energy Engineer, Mechanical Systems Engineer, Thermal Engineer	Ministry of Electricity & Water (Kuwait), Masdar (UAE), ACWA Power (Saudi Arabia)
HVAC & Building Services	HVAC Engineer, Mechanical Systems Designer, Facility Engineer	Alghanim Engineering, KEO International Consultants, Parsons
Research & Education	Research Engineer, Laboratory Engineer, Teaching Assistant	AIU Kuwait, Kuwait University, KAUST (Saudi Arabia)
Consulting & Industrial Services	Mechanical Consultant, Project Manager, Process Improvement Engineer	PwC Middle East, Deloitte, McKinsey & Co., local engineering consultancies
Education & Research	University Lecturer, Research Engineer, Lab Instructor	AIU Kuwait, Kuwait University, KAUST (Saudi Arabia)

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# SCHOOL OF ARTS AND SCIENCES



[aiu.edu.kw/schools/arts-sciences](http://aiu.edu.kw/schools/arts-sciences)



# SCHOOL OF ARTS AND SCIENCES

At the School of Arts and Sciences, students engage in the foundation of AIU's general education, covering sciences, mathematics, English, and the humanities, alongside the specialized degree program in Biotechnology. The school supports students in discovering and developing their academic and creative potential, engaging in meaningful discussions, conducting innovative research, and preparing for successful professional careers and active, responsible citizenship.



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# Biotechnology

The **Bachelor of Science in Biotechnology** degree focuses on applying biological systems and technologies to solve real-world problems in medicine, agriculture, and industry. Courses include Molecular Biology, Genetics, Microbiology, Biochemistry, Cell Culture Techniques, Bioinformatics, and Genetic Engineering.

Graduates gain skills in laboratory techniques, DNA/RNA analysis, protein engineering, microbial and cell manipulation, data analysis, and research

methodology. Practical experience is provided through internships and projects such as biopharmaceutical production, genetic modification studies, microbial and enzyme applications, and collaborations with healthcare, agriculture, and industrial biotech companies.

**Degree Specializations:**

- Bioinformatics,
- Clinical Laboratory Sciences,
- Tissue Engineering.

**Examples of future careers:**

Industries	Professions	Companies
Pharmaceuticals & Biopharma	Biotechnologist, Research Scientist, Quality Control Analyst	Kuwait Pharmaceutical Industries, Julphar (UAE), Hikma Pharmaceuticals (Jordan)
Healthcare & Diagnostics	Clinical Research Associate, Molecular Biologist, Lab Technician	Ministry of Health (Kuwait), Cleveland Clinic Abu Dhabi, King Faisal Hospital (Saudi Arabia)
Agriculture & Food Biotechnology	Agricultural Biotechnologist, Plant Geneticist, Food Safety Specialist	Kuwait Institute for Scientific Research (KISR), Emirates BioFarm, ICARDA (Regional)
Environmental Biotechnology	Environmental Biotechnologist, Waste Management Specialist, Bio-remediation Engineer	KOC Environmental Department (Kuwait), Bee'ah (UAE), Tadweer (Saudi Arabia)
Industrial Biotechnology	Bioprocess Engineer, Enzyme Specialist, Fermentation Technologist	Gulf Biotech (Kuwait), SABIC (Saudi Arabia), Biocon (UAE/India regional offices)
Research & Academia	Research Scientist, Lab Instructor, Academic Researcher	AIU Kuwait, Kuwait University, KAUST (Saudi Arabia), regional biotech research centers
Consulting & Biotech Services	Biotech Consultant, Regulatory Affairs Specialist, Project Manager	PwC Middle East (Life Sciences), Deloitte, local biotech consultancies
Aerospace & Defense	Avionics Engineer, Systems Engineer, Electrical Design Engineer	Kuwait Airways, Qatar Airways, Saudi Aerospace, defense ministries
Healthcare Technology	Biomedical Systems Engineer, Medical Device Developer	GE Healthcare, Siemens Healthineers, Ministry of Health Kuwait
Education & Research	University Lecturer, Research Engineer, Lab Instructor	AIU Kuwait, Kuwait University, KAUST (Saudi Arabia)

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# SCHOOL OF EDUCATION



[aiu.edu.kw/schools/education](http://aiu.edu.kw/schools/education)



# SCHOOL OF EDUCATION

The School of Education is dedicated to preparing future educators and educational leaders equipped with the knowledge, skills, and values to positively impact learners and communities. Students gain a strong foundation in educational theory, curriculum development, instructional strategies, and the use of modern technology in teaching. Emphasizing creativity, critical thinking, and cultural awareness, the school combines academic excellence with practical training through field experiences and community engagement. Its mission is to graduate competent, ethical, and innovative educators ready to advance education in Kuwait, the Arab world, and beyond.

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# Secondary Education – English

The **Bachelor in Secondary Education – English** prepares educators to teach English language and literature effectively at middle and high school levels. The program integrates studies in language, literature, and linguistics with courses on teaching strategies, curriculum design, and classroom management.

Students gain practical experience through field training and school-based projects, developing strong communication, critical thinking, and creative teaching skills. Graduates are prepared for careers as English teachers, curriculum coordinators, or educational supervisors locally and regionally.

## Examples of future careers:

Industries	Professions	Companies
Schools (Public & Private)	English Teacher, Curriculum Developer, Academic Coordinator, Head of Department	Ministry of Education (Kuwait), Kuwait University, American School of Kuwait, Gulf English School, International schools across GCC
Higher Education	Instructor, Academic Advisor, Program Coordinator, Language Lab Instructor	Kuwait University, AUM, GUST, AIU Kuwait, Arab Open University, universities in UAE, Saudi Arabia, Qatar
Educational Services & Training	ESL Instructor, Test Preparation Trainer (IELTS/TOEFL), Corporate English Trainer	British Council, AMIDEAST Kuwait, Berlitz, Wall Street English, regional training institutes
Publishing & Content Development	Educational Content Writer, Editor, Curriculum Designer, E-learning Specialist	Oxford University Press (regional), McGraw-Hill Middle East, local publishing houses, EdTech startups
Media & Communication	Language Specialist, Copy Editor, Content Writer, Communication Trainer	Kuwait Times, Arab Times, regional media companies, PR & communication firms
Government & Public Sector	Policy Advisor in Education, Curriculum Specialist, Educational Supervisor	Ministry of Education (Kuwait), GCC education ministries, cultural councils
Non-profit & NGOs	Educational Program Officer, Literacy Project Coordinator, Youth Development Specialist	Kuwait Red Crescent, UNESCO regional offices, Injaz Al-Arab, Education NGOs in MENA
Research & Education	Research Engineer, Laboratory Engineer, Teaching Assistant	AIU Kuwait, Kuwait University, KAUST (Saudi Arabia)
Consulting & Industrial Services	Mechanical Consultant, Project Manager, Process Improvement Engineer	PwC Middle East, Deloitte, McKinsey & Co., local engineering consultancies
Education & Research	University Lecturer, Research Engineer, Lab Instructor	AIU Kuwait, Kuwait University, KAUST (Saudi Arabia)

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# Secondary Education – Mathematics

The **Bachelor in Secondary Education – Mathematics** prepares students to become skilled and innovative math educators for middle and high school levels. The program combines a strong foundation in mathematics — including algebra, geometry, calculus, and statistics—with courses in pedagogy, curriculum design, and classroom management.

Through teaching practicums and field experiences, students develop problem-solving, analytical, and communication skills, as well as effective instructional strategies. Internship opportunities and school-based projects provide real-world teaching experience, equipping graduates for careers as mathematics educators, curriculum specialists, or educational coordinators in Kuwait, the Arab world, and beyond.

### Examples of future careers:

Industries	Professions	Companies
Education (Schools)	Secondary Math Teacher, Curriculum Developer, Department Head	Public Schools (Ministry of Education), Private Schools (American School of Kuwait, BBS, AIS, etc.)
Higher Education	Instructor, Academic Advisor, Educational Researcher	Kuwait University, AUM, GUST, AIU Kuwait, Arab Open University, universities in UAE, Saudi Arabia, Qatar
Tutoring & Training	Private Tutor, Test Prep Instructor (SAT, IGCSE, IB, AP), Educational Coach	Tutoring Centers (British Council, Mathnasium, Kip McGrath), Online Tutoring Platforms
Government & Public Sector	Education Policy Advisor, Curriculum Specialist, Exam Development Officer	Ministry of Education (Kuwait), National Center for Educational Development, Civil Service Commission
Publishing & EdTech	Textbook Author, Math Content Creator, Instructional Designer	Educational Publishers, EdTech companies (Khan Academy partnerships, Noon Academy, Alef Education)
Corporate Training	Corporate Trainer (Quantitative Skills, Data Literacy)	Training & Development firms, NGOs, Professional Institutes (CPA, CFA prep centers)
Transportation & Aviation	Operations Engineer, Maintenance Planner, Logistics Coordinator	Kuwait Airways, Jazeera Airways, Emirates Airlines
Consulting & Business Services	Management Consultant, Process Improvement Consultant, Lean Six Sigma Specialist	PwC Middle East, Deloitte, EY, McKinsey & Co.
Education & Research	Teaching Assistant, Research Engineer, Academic Coordinator	AIU Kuwait, Kuwait University, KAUST (Saudi Arabia)
Cybersecurity	Ethical Hacker, SOC Analyst, Security Consultant	National Cybersecurity Center (Saudi), CAIT Kuwait, private cybersecurity firms
Gaming & Entertainment	Game Developer, AR/VR Engineer, Multimedia Specialist	Gaming startups in UAE & Saudi, indie developers in Kuwait
Research & Development	AI Researcher, Robotics Engineer, Big Data Analyst	KISR, Qatar Computing Research Institute, KAUST (Saudi)

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# CAREER SERVICES CENTER

The Career Services Center is dedicated to strengthening AIU students to navigate their career journeys with confidence and purpose. Aligned with AIU's mission of empowering futures through guidance and impactful resources, Career Services strives to provide comprehensive opportunities to develop necessary skills, personalized guidance, and meaningful resources that support individuals in achieving their professional aspirations.

## Services and Programs

- **Career Fair:** Connects students with potential employers, providing opportunities to explore various career paths.
- **Workshops:** Workshops designed to build essential skills and prepare students for the job market.
- **OSEP (On-Campus Student Employment Program):** Provides on-campus job opportunities, helping students gain valuable work experience.
- **BigInterview:** Offers tools and resources like video lessons, mock interviews, and a question database to prepare for job interviews and build confidence.
- **BigResume:** Helps students to create, scan and evaluate their resume using available templates and AIU standards.
- **Cover Letter:** Generates a personalized cover letter for each job to complement a resume and increase the chances.
- **Job Opportunities:** Shares exciting opportunities from our partners to facilitate graduates' employment.
- **Special Events:** Allow students to meet with special guests, alumni, and various job market representatives.
- **Alumni Association:** Connects graduates and supports networking, mentorship, professional development, and growth.





**EDITION 1**





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