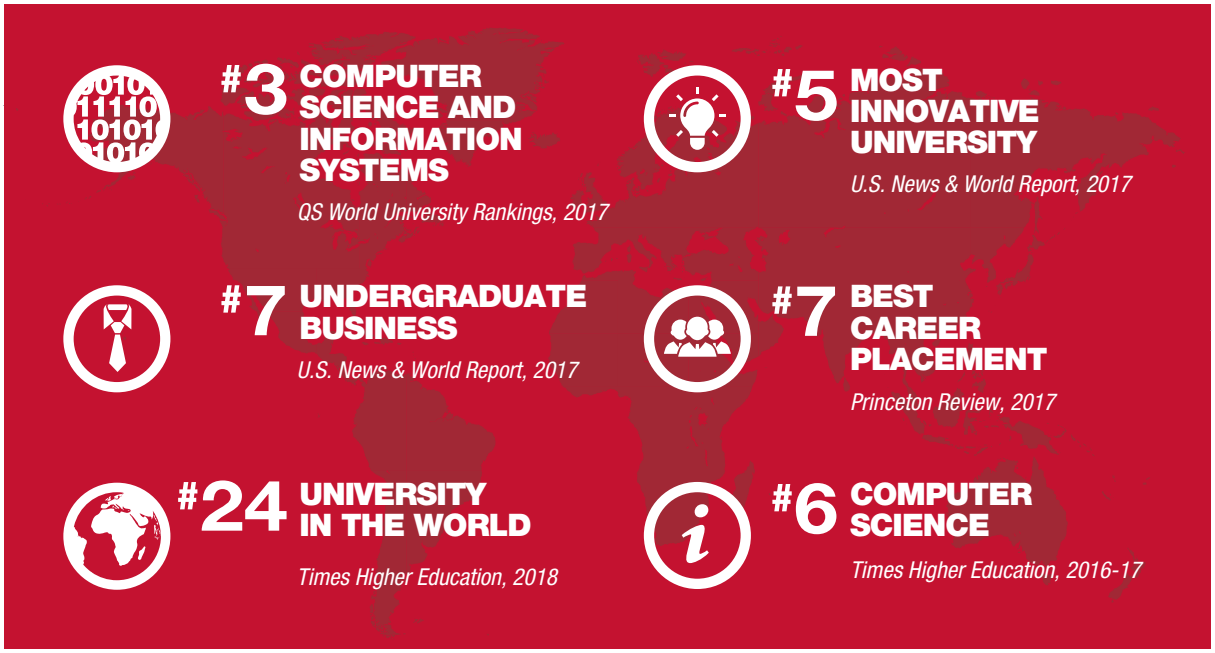
Learn. Create.
Innovate with the very best.

Biological Sciences | Business Administration | Computational Biology | Computer Science | Information Systems

Top Ranked Programs



Times Higher Education
World University Rankings, 2018
Ranked September 2017
Overall: 24

U.S. News & World Report
Ranked September 2017

Best National University: 25
- Most Innovative Universities: 5
- High School Counselors' Picks: 19

Listed as one of the top universities for:
- Economic Diversity
- Largest Proportion of International Undergraduates
- Undergraduate Research/Creative Projects
- Senior Capstone

Undergraduate Business: 7
- Management Information Systems: 2
- Production/Operations Management: 3
- Quantitative Analysis: 2
- Supply Chain Management/Logistics: 8
- Finance: 10
- Entrepreneurship: 22

PayScale College ROI Report, 2016
Ranked April 2016
- Best Colleges: 10

QS World University Rankings
Ranked March 2016
- Computer Science and Information Systems: 5

LinkedIn
Rankings Based on Career Outcomes
Ranked October 2014
- Best Schools for Designers: 1
- Best Schools for Software Developers (overall): 1
- Best Schools for Software Developers at Startups: 6
- Best Schools for Finance Professionals: 20

Princeton Review
Colleges That Pay You Back, 2017
Ranked February 2017
- Best Career Placement: 7

Ranked March 2015
- Top Undergraduate Schools for Video Game Design: 12

Carnegie Mellon Qatar

Five degree programs. A world of opportunities.
Your university education starts here.

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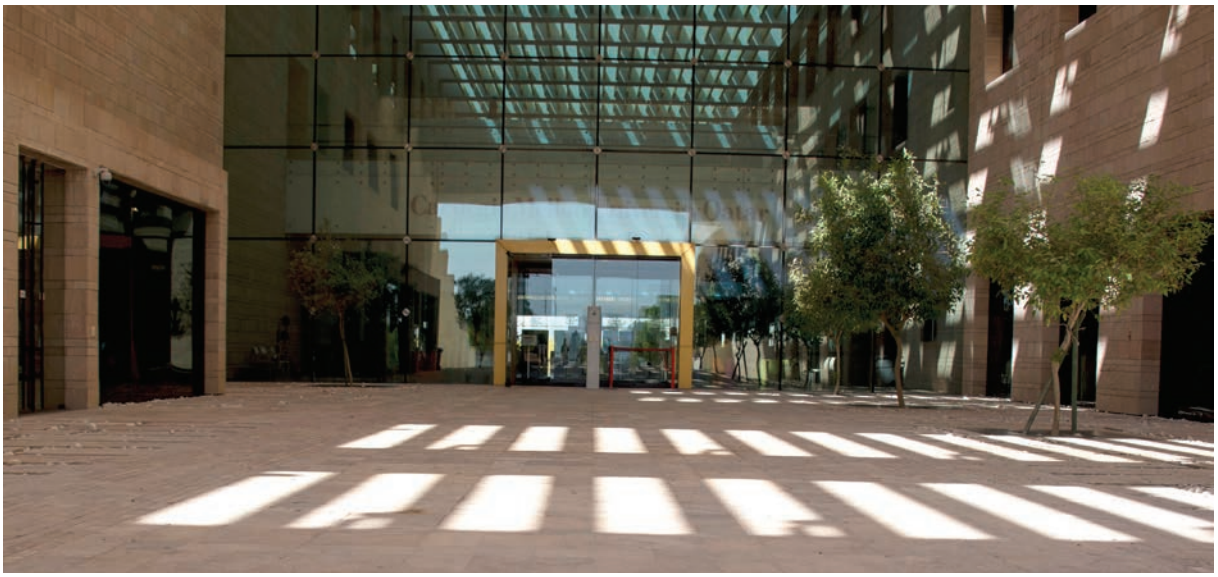
Learn more about our programs of study, workshops for secondary students, and the steps for applying to CMU-Q at the back of this viewbook.

Your Path to CMU Qatar



If you are a secondary student who is innovative, ambitious and industrious and you want to be a trail-blazer in science, technology or business, CMU-Q is the place for you.

To see all of the steps to become a CMU-Q student, visit www.qatar.cmu.edu

YOUR PATH TO CMU QATAR

Explore

- Learn about our academic programs
- Discover why you should study at CMU-Q
- Prepare academically to apply
- Investigate deadlines, fees, scholarships and financial aid

Engage

- Visit our campus
- Participate in a program for secondary students
- Connect with the Office of Admission

Apply

- Learn about application requirements
- Take exams: SAT/ACT and TOEFL/IELTS
- Complete the online application form and submit the required documents
- Request an admission interview (optional)

Enroll

- Receive your acceptance package
- Attend Marhaba Tartans
- Submit your Enrollment Deposit and Enrollment Reply Form
- Apply for financial aid, visa and housing
- Start your life as a Tartan!

Why Study at CMU-Q?

Learn. Create. Innovate.

Students come to Carnegie Mellon to learn, create and innovate with the very best. They leave with the passion, connections, credentials and lifelong friends who will help them change the world.

Work that matters

The main campus of Carnegie Mellon is located in Pittsburgh, USA, and has a tradition of creating work that matters. A private research university, Carnegie Mellon stands among the world's most renowned educational institutions.

Financial aid and scholarships can cover a large portion of study costs

5 undergraduate programs:

- Biological Sciences
- Business Administration
- Computational Biology
- Computer Science
- Information Systems

Students who attend CMU-Q have identical graduation requirements as those on the main campus. Graduates have CMU degrees, conferred from the Pittsburgh campus.

Cross register at:

- Georgetown University in Qatar
- Northwestern University in Qatar
- Texas A&M University at Qatar
- Virginia Commonwealth University in Qatar
- Weill Cornell Medicine-Qatar

CMU has **13,000** students
100,000 alumni globally

Doha is a travel hub, with easy access to Asia, Africa and Europe

CMU has
19 Nobel Laureates,
12 Turing Award winners

Small campus,
7:1 student-to-professor ratio

10 graduating classes

CMU-Q opened its doors in **2004**

About **40** nationalities

679 alumni

400 students

Academics at a Glance

The Carnegie Mellon education begins with a broad introduction to the liberal arts and sciences during the first semesters, a focus on major core classes in the middle semesters, and deepening and broadening of scope in the last semesters through advanced electives. Carnegie Mellon University in Qatar uses this approach in five undergraduate disciplines.

Biological Sciences | **Business Administration** | **Computational Biology** | **Computer Science** | **Information Systems**

General Education

All CMU-Q students complete General Education coursework, which includes mandatory and elective classes in a wide range of academic areas, including Arabic studies, chemistry, design, English, history, math and physics.

Academic Enrichment

Students at CMU-Q can choose from an extensive slate of academic enrichment opportunities that enhance their work in the classroom, including:

- Undergraduate research
- Campus exchange program
- Academic travel
- Internships
- Academic competitions

Academic Support

We have a network of services, facilities and experts to make your university experience as smooth and rewarding as possible, including:

- Academic Resource Center
- Course and curricular advising
- Library
- Career Development Office
- State-of-the-art audiovisual infrastructure

Biological Sciences

Make observations. Test your hypothesis. Discover modern research biology.

The study of living things has undergone a revolution, with unprecedented technological advances in disciplines like biochemistry, cell biology, genetics, molecular biology, developmental biology, neuroscience and computational biology.

Biological sciences majors at CMU-Q make observations and ask questions that help to solve real-world problems. In-depth exposure to multiple disciplines prepares students to be at the forefront of new fields, markets and policy decisions.

Careers for biological sciences graduates

CMU-Q graduates have continued their studies at:

- Carnegie Mellon University
- Cornell University
- Georgetown University
- Imperial College London
- University of Cincinnati
- Weill Cornell Medicine-Qatar
- Yale University

Where do graduates from CMU-Q Biological Sciences work?

- Barts and The London School of Medicine and Dentistry
- National Institutes of Health
- Qatar Biomedical Research Institute
- Sidra Medical and Research Center

"When I joined Carnegie Mellon, I knew little about the tremendous opportunities in biological sciences. During my studies, I became deeply involved in cancer research, presented my findings in the US and Qatar and found a field that I love".

Ettaib El Marabti

Class of 2017

Moroccan national

Attending Weill Cornell Medicine-Qatar

Business Administration

Study the science of business. Learn through doing. Become a global leader.

Business administration encompasses management, leadership and teamwork. It involves organizing people, allocating resources, making decisions, and directing activities toward common goals and objectives.

The Business Administration Program at CMU-Q provides the foundation for motivated students to become leaders in the business arena and have an impact on the economic growth of Qatar, the Middle East and the world.

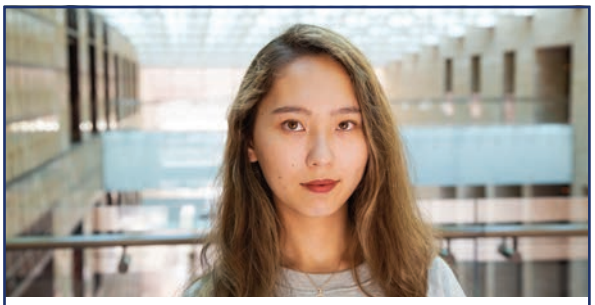
Careers for business administration graduates

Where do graduates from CMU-Q Business Administration work?

- ConocoPhillips
- Ernst & Young
- Facebook
- General Electric
- HSBC
- KPMG
- Qatar Investment Authority
- Qatar Petroleum
- Qatar Shell
- PriceWaterhouseCoopers
- Vodafone

CMU-Q graduates have continued their studies at:

- Carnegie Mellon University
- Cass Business School
- DePaul University
- Duke University
- IE Business School, Madrid
- Kyoto University
- London School of Economics and Political Science
- New York University
- University of Cambridge
- University of Chicago
- University Kent
- York University



"After my first semester, I started having a more clear picture of what interests me. The faculty is so supportive and always willing to give advice."

Fariza Shiyap
Business Administration
Class of 2020
Kazakhstan national

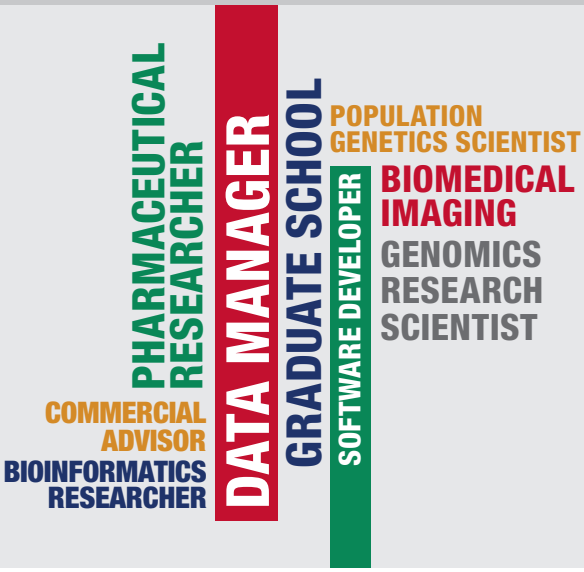
Computational Biology

Solve biological problems. Apply computer science. Be at the forefront.

Spectacular developments in biomedical sciences have occurred over the past two decades, including advances in biomedical imaging, genomics and proteomics. These changes have created a need to organize, analyze and interpret large amounts of data, and to devise new ways to modify biological function.

Computational biologists apply computer science techniques to complex biological and biomedical problems. The highly selective program at CMU-Q is open to students who are already studying biological science or computer science.

Careers for computational biology graduates

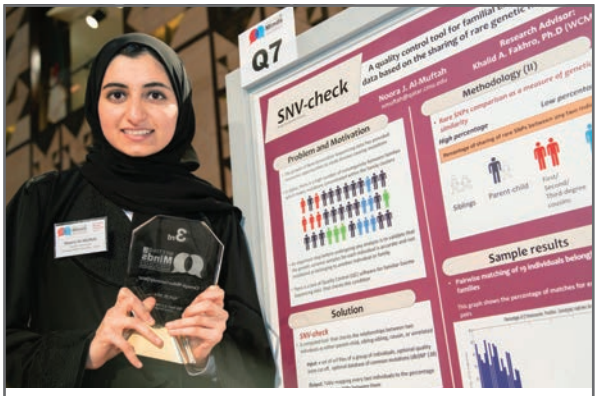


Where do graduates in computational biology work?

Computational biology is an emerging field that provides students with a unique set of skills. Graduates are prepared to directly contribute in challenging fields in the health care, biotechnology and pharmaceutical industries.

How do graduates in computational biology further their studies?

Graduates from CMU Computational Biology often further their studies, pursuing programs in diverse areas such computational or systems biology, quantitative genetics, and medicine.



"I have so many great memories from Carnegie Mellon, from the hilarious situations my friends and I encountered on trips to Pittsburgh and Tokyo, to the feeling of being part of a community when a former professor recognizes me and asks how I am doing."

Noora Al-Muftah

Class of 2016

Qatari national

Attending Harvard University, Master of Science in Computational Biology and Quantitative Genetics

Computer Science

Analyze, solve, code. Transcend the trends. Change the future.

Computer science is the exploration, design and innovation of computing. Computer science is responsible for the tools we use daily, like web search, email, social networks and databases, as well as advanced systems like robots, driverless cars and modern aviation. In the decades to come, it will continue to be the driving force behind many emerging fields.

Blending innovative research with exceptional educational programs, Carnegie Mellon Qatar provides students with both the theoretical foundations and the practical experience necessary for success in a wide range of fields.

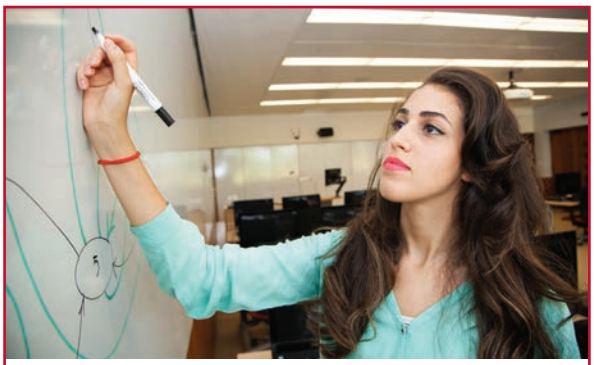
Careers for computer science graduates

Where are graduates from CMU-Q Computer Science working?

- AirBnB
- Exxon Mobil Qatar
- General Electric
- Google
- Microsoft
- Ooredoo
- Qatar Airways
- Qatar Computing Research Institute (QCRI)
- Qatar Petroleum
- Qatar Shell

CMU-Q graduates have continued their studies at:

- Carnegie Mellon University
- Georgia Institute of Technology
- Princeton University
- Stanford University
- Technical University in Munich
- University of California
- University of Michigan
- University of Technology, Sydney
- University of Toronto



"We are constantly given homework assignments that represent smaller versions of real life problems. This learning experience is demanding, but also the best introduction to our future jobs."

Fatma Tlili
Computer Science
Class of 2018
Tunisian national

Information Systems

Identify a problem. Imagine, design, create. Drive our technological future.

From programming to project management to creating new ventures, the field of information systems creates value by using technology to generate, process and distribute information in an effective, efficient way.

Information systems professionals work in a variety of settings to analyze how things connect and work together, whether virtual or real, from small processes to large organizations. This allows them to design new ways to address problems and challenges, and implement ideas that improve productivity and efficiency.

Careers for information systems graduates

IT CONSULTANT
SOFTWARE DESIGNER
INNOVATION ENTREPRENEUR
WEB DESIGNER
DATA ANALYST
SYSTEMS ANALYST
INFORMATION SECURITY SPECIALIST
PROJECT MANAGER
E-COMMERCE COORDINATOR

Where are graduates from CMU-Q Information Systems working?

- Amazon
- Google
- Qatar Airways
- Qatar Central Bank
- Qatar Petroleum
- Qatar Shell
- Procter & Gamble
- RasGas
- Sidra Medical and Research Center
- Supreme Committee for Delivery and Legacy

CMU-Q graduates have continued their studies at:

- Carnegie Mellon University
- Cornell Tech Campus
- Duke University
- Kelly School of Business
- McMaster University
- University of California – Los Angeles
- University of Liverpool
- University of Michigan
- University of Oxford

"I did two internships and I found I had to apply what I learned in university if I wanted to succeed. These internships made me confident that Carnegie Mellon is preparing me well for my future career."

Abdulaziz Al-Haddad
Information Systems
Class of 2019
Qatari national

Tuition and Financial Aid

Tuition and fees in Qatar are the same as Carnegie Mellon University's home campus in the United States.

Tuition and fees for the academic year of 2017-2018	
Tuition	US$ 52,732
Activity, tech and orientation fee	US$ 914
Application fee	US$ 70
Books and supplies (estimate)	US$ 1000
Health Insurance fee (estimate)	US$ 445
Total	US$ 55,161 (QAR 200,791)
Additional costs for international students	
On-campus housing*	US$ 4,844 to 6,214
One-time damage deposit	US$ 550
Food and living expenses (estimated)	US$ 3,000

*Cost range depending on type of housing (Residence Hall Room, 2 Bedroom Apartment, Studio, or 1 Bedroom Apartment)

Qatari citizens

For Qatari citizens and citizens of other GCC countries, government scholarships and/or company sponsorships typically cover the full cost of attendance. Qatari nationals should contact the Ministry of Administrative Development, Labor and Social Affairs at +974 4028 8888 or visit their website for further information.

Non-Qatari students

Need-based financial assistance is available to students of all nationalities through the Hamad bin Khalifa Financial Aid Program administered by Qatar Foundation. See opposite page for details.

Students can contact Qatar Foundation's Financial Aid Office by calling +974 4454 0400 or by emailing fao@qf.org.qa. We strongly recommend that students complete the financial aid application as soon as possible to maximize the chance of receiving a timely award notification.

Merit scholarships

Between five and ten merit scholarships are awarded annually by CMU-Q to the most academically promising applicants. These awards cover between 10 and 75 percent of tuition fees and can be combined with need-based aid from Qatar Foundation. No extra application is required to apply for the merit scholarships, and students are notified of their awards at the same time they receive the offer of admission. Awards are made based on secondary school performance, testing scores, and other factors.

Qatar Foundation's scholarship program awards a limited number of full-tuition merit scholarships annually to students who have spent at least two semesters in one of the Education City's branch campuses. Students who have achieved a 3.6 GPA or above during their studies in Education City are eligible to apply for the scholarship.

Qatar Foundation Financial Aid

Summary

Need-based financial assistance is available to students of all nationalities through the Hamad bin Khalifa Financial Aid Program administered by Qatar Foundation.

- Loans of up to 100 percent of the cost of tuition and fees are made to families based on their unique financial circumstances.
- The loans can be repaid either by financial installments or by time served working in Qatar immediately following graduation.
- To apply for financial aid, a separate application must be submitted online: http://www.hbku.com/en/sfso

Eligibility and decision making

Financial aid is awarded based on each student's financial situation. The decision relies on a uniform method of need analysis, i.e. families must demonstrate that they qualify for aid. In order to be eligible, a student must:

- Be admitted to one of the universities in Education City
- Submit all documents required by the QF Financial Aid Office

The Financial Aid Committee does not guarantee to meet 100 percent need even if a student qualifies for aid. Students residing outside of Qatar are only eligible to receive loans up to 90 percent of the cost of attendance at CMU-Q, according to the policy of Qatar Foundation.

Aid application timing

Although an admission decision will not be available until mid-April, we strongly recommend that students complete the financial aid application as soon as possible to maximize the chance of receiving a timely award notification. The final piece of documentation for the financial aid application is the acceptance letter from Carnegie Mellon, once final decisions are available in mid-April. In some cases it may take the Financial Aid Office three months to make a decision, so the sooner your application is completed the sooner you will receive a decision.

Loan repayment plans

Option 1: Once you graduate and get a job, you'll pay 15 percent of your salary to Qatar Foundation until the loan amount is fully repaid.

Option 2: If you stay and work in Qatar at an approved company, the entire loan can be forgiven within 2-6 years.

The QF Financial Aid Office requires students to choose either of the above plans within six months of graduation. Students interested in pursuing graduate studies will need to talk to the Financial Aid Committee to see if they may defer their repayment plan. This is not guaranteed.

What if I don't receive financial aid?

Not all financial aid applicants receive the aid amount they are expecting. Students should make all necessary backup plans to self-finance their education. Carnegie Mellon does not participate in the financial aid decision process and unfortunately cannot help in such a situation.

Students may appeal a financial aid decision made by the Financial Aid Committee under one of the following circumstances:

- The student believes that submitting additional documentation or information may change the demonstrated family need.
- An unexpected change occurs in the family's financial situation after the original decision has been issued.

Student Life

Jump in. Connect with others. Share your passions.

Get involved

Don't see your special interest? Students start new clubs every year!

Make an impact

- Serve your community
- Be a student leader
- Gain work experience

See the World

- Service learning
- Study abroad
- The world is your classroom

What is a Tartan?

Students at Carnegie Mellon University are called Tartans. A tartan plaid is a traditional Scottish fabric of woven red, blue, green and yellow threads. At CMU, Tartans are both diverse and connected as a community, just like the fabric we are named after.

Check out our Student Life Photo Gallery

Student Life Photo Gallery

Grow. Explore. Thrive.

Live on campus

Join a team

Join a club

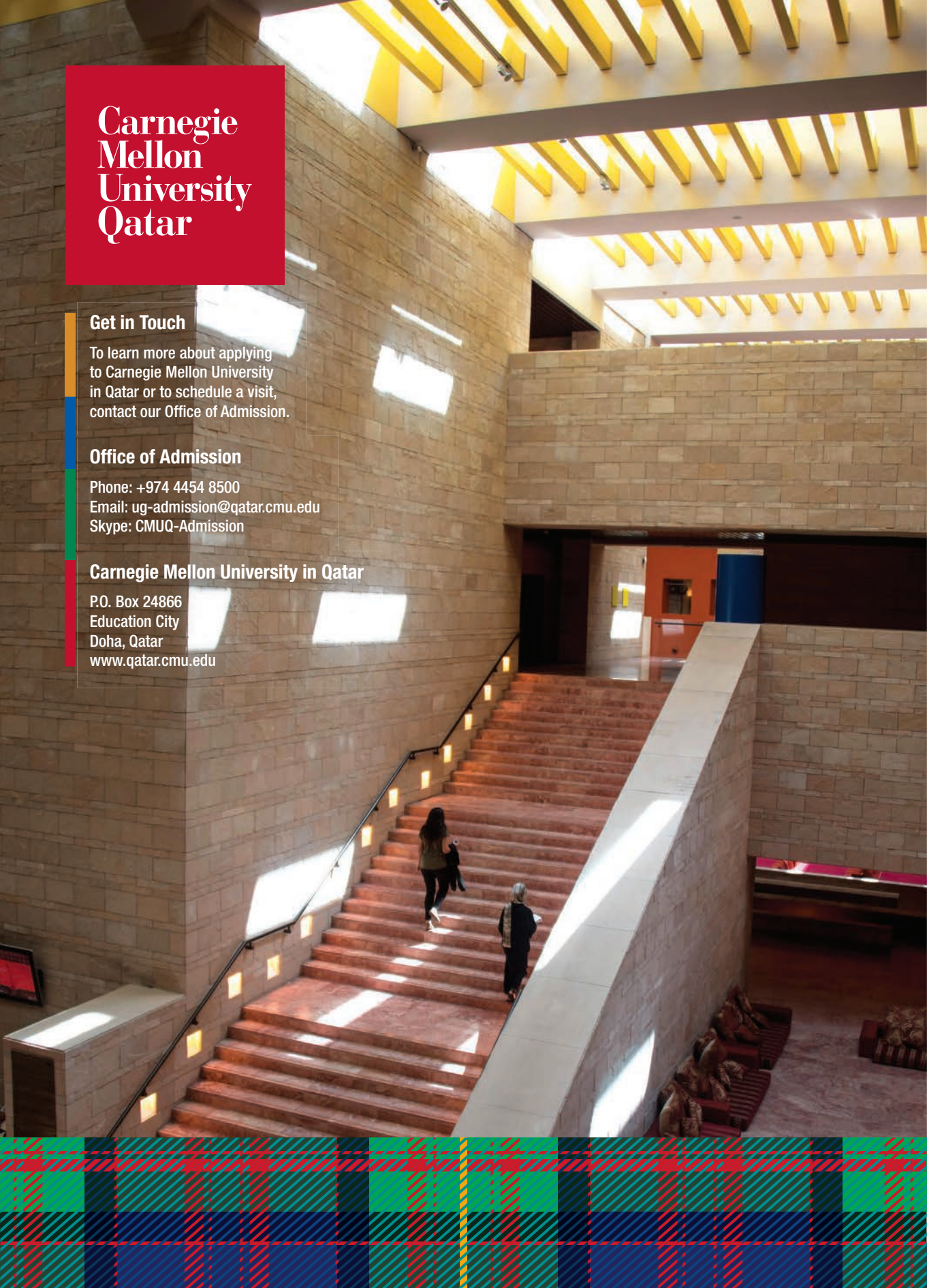
Celebrate diversity

Be part of our community

Travel for service and learning

Be a student leader

Connect with your fellow Tartans



Carnegie Mellon University Qatar

Get in Touch

To learn more about applying to Carnegie Mellon University in Qatar or to schedule a visit, contact our Office of Admission.

Office of Admission

Phone: +974 4454 8500
Email: ug-admission@qatar.cmu.edu
Skype: CMUQ-Admission

Carnegie Mellon University in Qatar

P.O. Box 24866
Education City
Doha, Qatar
www.qatar.cmu.edu

Biological Sciences

Observe. Explore. Discover.

Carnegie Mellon University Qatar

Bachelor of Science in Biological Sciences

The Bachelor of Science degree in Biological Sciences has a distinctive core curriculum that provides a foundation in biology, chemistry, computer science, mathematics, and physics. Students also choose electives in biology, humanities, social science and fine arts, shaping their degree programs according to their unique interests and goals.

This is an exciting era where biology and the life sciences influence many fields, from medicine to law. In-depth exposure to multiple disciplines prepares students for careers at the forefront of emerging new fields, markets, and policy changes.

Our program offers the best of both worlds: the small size of a liberal arts program, and the educational opportunities of a large research institution.

Cutting Edge Research

Exposure to cutting-edge research is critical for biological sciences students. As undergraduates, they must learn to tackle real-world problems by developing strong skills in experiential techniques.

Students at CMU-Q have many opportunities to engage in research: they have the option of a senior thesis project, independent study guided by a faculty mentor, and summer research opportunities in a variety of laboratories within Carnegie Mellon University and Education City.

Career Paths

Many biological sciences graduates pursue careers in research science in academic, government, biotechnology or pharmaceutical industry laboratories. Others work in the fields of health, forensics, law and education.

Students may choose to pursue graduate studies in a variety of areas such as science, public health, law or business. A degree in biological sciences provides excellent preparation for medical school.

البكالوريوس في العلوم البيولوجية

يشتمل برنامج العلوم البيولوجية على منهج أساسي يؤسس الطلاب في البيولوجيا والكيمياء وعلوم الكمبيوتر والرياضيات والفيزياء. ويشتمل البرنامج بجانب المقررات الأساسية على مقررات اختيارية في العلوم البيولوجية والإنسانيات والعلوم الاجتماعية والفنون الجميلة تسمح للطلاب بتشكيل البرنامج وفقاً لاهتماماتهم وأهدافهم.

نحن نعيش في عصر مذهل شهد تطورات غير مسبوقة في العلوم البيولوجية والعلوم الحيوية كان لها تأثير عميق على العديد من التخصصات الأخرى ابتداءً من الطب حتى القانون. و تهيئ الدراسة المتعمقة للعديد من التخصصات الطلاب لمواكبة بل واستباق المجالات والأسواق وقرارات السياسة الجديدة.

يتيح برنامج العلوم البيولوجية للطلاب أحسن المزايا التي يوفرها برنامج الفنون الليبرالية والفرص التعليمية في المؤسسات البحثية الكبرى.

أبحاث متقدمة

متابعة الأبحاث المتقدمة والمشاركة فيها أمر جوهري لا غنى عنه للطلاب الذين يدرسون العلوم البيولوجية، الذين يجب عليهم تعلم مهارات التعامل مع مشكلات الواقع الحقيقية من خلال اكتساب وإتقان مهارات طرق ومناهج البحوث التجريبية.

تتوفر العديد من فرص البحوث لطلاب جامعة كارنيجي ميلون في قطر، إذ يمكنهم كتابة رسالة أكاديمية قائمة على مشروع بحثي، أو دراسة مستقلة تحت إشراف عضو في هيئة التدريس، فضلاً عن إمكانية إجراء الأبحاث خلال فصل الصيف في العديد من مختبرات جامعة كارنيجي ميلون والمدينة التعليمية.

المسارات المهنية

يحصل خريجو العلوم البيولوجية على فرص عمل في المجالات والتخصصات البحثية بالمختبرات الأكاديمية أو الحكومية أو مختبرات شركات الأدوية أو التكنولوجيا الحيوية. وغيرهم يعملون في مجالات الصحة والطب الجنائي والقانون والتعليم.

بإمكان الطلاب اختيار العمل في مجالات متنوعة مثل العلوم أو الصحة العامة أو القانون أو التجارة والأعمال. وتوفر شهادة العلوم البيولوجية تهيء فرصة ممتازة للخريجين للدراسة بكلية الطب.

Biological Sciences

Sample Course Plan

To complete their degree requirements, students follow a course plan similar to this sample. As students progress through the program, however, they work with an academic advisor to adapt the plan to meet individual interests and career goals.

Year	Fall Semester	Spring Semester
Freshman	Honors Modern Biology Modern Chemistry I Calculus I First Year Seminar: EUREKA Reading and Writing in an Academic Context Carnegie Skills Workshop Phage Genomics Research I	Modern Chemistry II Introduction to Experimental Chemistry Differential and Integral Calculus Interpretation and Argument Phage Genomics Research II Non-technical/Free Elective
Sophomore	Biochemistry Techniques in Quantitative Analysis Physics I Integration and Approximation Undergraduate Colloquium Introduction to Computing	Organic Chemistry I Undergraduate Colloquium Physics II Cell Biology Genetics Physics Lab Engage in Wellness I
Junior	Organic Chemistry II Experimental Techniques in Molecular Biology Introduction to Experimental Organic Chemistry Biology Elective Third Year Seminar Engage in Service	Experimental Biochemistry Introduction to Computational Biology Engage in Wellness II Non-Technical/Free Elective Non-Technical/Free Elective
Senior	Engage in Arts Topics in Research Advanced Biology Elective Biology Elective Biology Elective Non-technical/Free Elective Non-technical/Free Elective	Advanced Biology Elective Topics in Research Engage in Wellness III Biology Elective Non-Technical/Free Elective Non-Technical/Free Elective Non-Technical/Free Elective

https://www.qatar.cmu.edu/academics-research/academics/biological-sciences/

Office of Admission: P.O. Box 24866, Qatar Foundation – Education City, Doha, Qatar. Phone: +974 4454 8500, Email: ug-admission@qatar.cmu.edu, Web: qatar.cmu.edu

Business Administration

Innovate. Calculate. Communicate.

Carnegie Mellon University Qatar

Bachelor of Science in Business Administration

Carnegie Mellon's undergraduate business administration program has earned global recognition for its approach to business management. More than 50 years ago, CMU developed management science, which involves analytical decision-making in complex business environments.

The Business Administration Program emphasizes a quantitative, analytical approach, training students in accounting, finance, economics, marketing, operations management, information systems and business communications. Problem-solving is developed in a series of mathematics courses, including calculus, statistics and forecasting. At the same time, liberal arts electives provide a balanced, well-rounded education.

The first year is devoted to the foundation of analysis, communication and context. The next two years develop the core competencies, and the last year is for in-depth study in the focus area and completing the minor requirement.

Real World Experience

CMU-Q believes that a comprehensive business education includes translating classroom work into real world experience. Virtually all students in business administration complete internships, which help them understand the practical value of their studies and focus their professional goals. Many of our industry partners extend full-time job offers after graduation to students who have interned with them.

Career Paths

Graduates in business administration are highly sought after and pursue careers as analysts, strategic consultants and managers in the fields of investment banking, corporate finance and management consulting.

Business administration graduates from Carnegie Mellon Qatar have begun rewarding careers with some of Qatar's premier employers, including General Electric, Qatar Investment Authority, HSBC, Vodafone, Microsoft, Ooredoo and Qatar Petroleum.

البكالوريوس في إدارة الأعمال

يحظى برنامج إدارة الأعمال في جامعة كارنيجي ميلون بالتقدير والاحترام المستحق في جميع أنحاء العالم، لمنهجه في التعامل مع دراسة إدارة الأعمال كعلم. وقد وضعت كارنيجي ميلون قبل أكثر من 50 عاماً أسس علوم الإدارة، التي تتضمن عملية التحليل واتخاذ القرار في مجالات الأعمال المعقدة.

يؤكد برنامج إدارة الأعمال على المنهج الكمي التحليلي، ويدرب الطلاب على مجالات المحاسبة والمالية والاقتصاد والتسويق والعمليات ونظم معلومات الإدارة، واتصالات الأعمال.

صقل مهارات الطلاب في حل المشكلات يتم من خلال سلسلة من مقررات الرياضيات، بما في ذلك الجبر وحساب التفاضل والتكامل والإحصاء والنظرة المستقبلية. وفي الوقت نفسه، تساهم المقررات الاختيارية في مجال الفنون الليبرالية في إضفاء صيغة متوازنة ومتكاملة على العملية التعليمية.

يركز العام الأول على أساسيات التحليل والاتصال والسياق. أما العامان اللاحقان فيركزان على صقل وترسيخ مهارات الطلاب في التخصصات الأساسية، وفي العام الأخير يركز الطلاب على الدراسة المتعمقة لمجال التخصص مع إتمام التخصص الفرعي.

خبرات عملية

تؤمن جامعة كارنيجي ميلون في قطر بأن التعليم الشامل لمهارات إدارة الأعمال ينبغي أن يتضمن تحويل الدراسة النظرية في قاعات المحاضرات إلى خبرات عملية. ولهذا يلتحق كل الطلاب في إدارة الأعمال تقريباً بفرص التدريب الوظيفي خلال سنوات الدراسة، الأمر الذي يساعدهم على فهم القيمة العملية لما درسوه في الجامعة، والتركيز على الأهداف المهنية. والعديد من شركائنا من شركات القطاع الخاص يقدمون فرص عمل بدوام كامل للخريجين الذين عملوا معهم كمتدربين أثناء الدراسة.

المسارات المهنية

هناك إقبال كبير على خريجي إدارة الأعمال خاصة في وظائف مهنية كمحللين واستشاريين استراتيجيين ومديرين في مجالات المصارف الاستثمارية، وتمويل الشركات، والاستشارات الإدارية.

يعمل خريجو إدارة الأعمال في جامعة كارنيجي ميلون في وظائف مرموقة لدى كبرى الشركات والمؤسسات في دولة قطر، مثل جنرال إليكتريك، وجهاز قطر للاستثمار، وبنك إتش إس بي سي، وفودافون، وميكروسوفت، وأوريدو، وقطر للبترول.

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Business Administration

Sample Course Plan

To complete their degree requirements, students follow a course plan similar to this sample. As students progress through the program, however, they often work with an academic advisor to adapt the plan to meet individual interests and career goals.

Year	Fall Semester	Spring Semester
Freshman	Calculus I Global Business Reading and Writing in an Academic Context Global Histories Carnegie Skills Workshop Breadth Course	Differential and Integral Calculus Business Computing Introduction to Accounting Interpretation and Argument Breadth Course
Sophomore	Multivariate Analysis Probability and Statistics Business Communication Principles of Economics Breadth/Minor Course	Models and Methods for Optimization Regression Analysis Intermediate Microeconomics Finance, Marketing, Operations Management or Organizational Behavior Breadth/Minor Course
Junior	Intermediate Macroeconomics Finance, Marketing, Operations Management or Organizational Behavior Finance, Marketing, Operations Management or Organizational Behavior Finance, Marketing, Operations Management or Organizational Behavior Concentration Course	Business, Society and Ethics Business Presentations Professional and Service Projects* Concentration Course Concentration Course Breadth/Minor/Elective Course
Senior	Concentration Course Breadth/Minor Course Breadth/Minor Course Breadth/Minor Course Breadth/Minor Course	Management Game Concentration Course Concentration Course Breadth/Minor/Elective Course Breadth/Minor Course

https://www.qatar.cmu.edu/academics-research/academics/business-administration/

*Carnegie Mellon University in Qatar Business Administration students explore professional development and social responsibility beyond the classroom. In support of that objective, all business majors complete Professional and Service Projects, a multi-year course focusing on professional experience, community service, leadership and personal social responsibility. Participation begins in the freshman year, continues through the sophomore year, and culminates in a comprehensive reflection paper submitted in the junior year.

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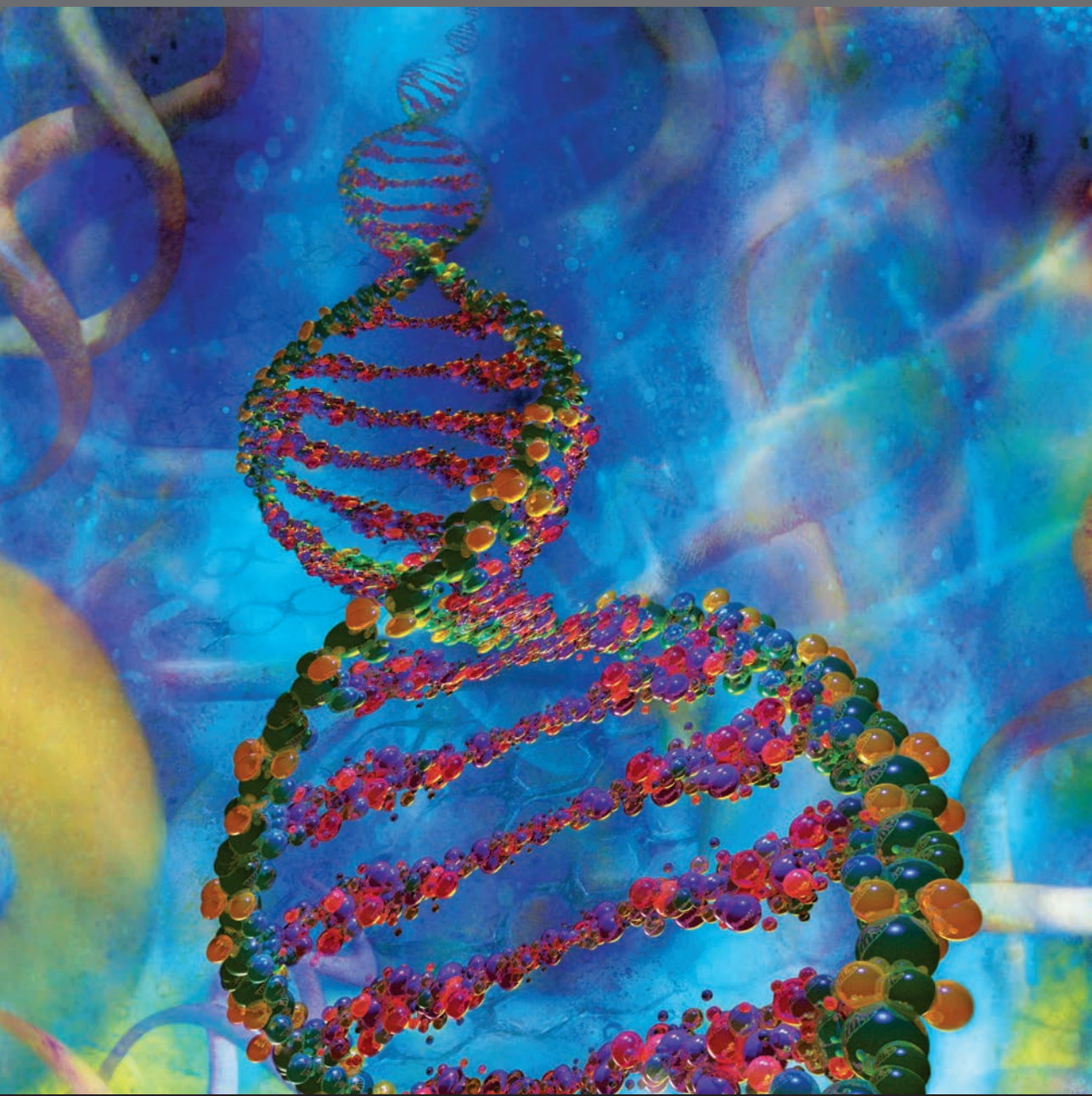
Computational Biology

Observe. Analyze. Innovate.



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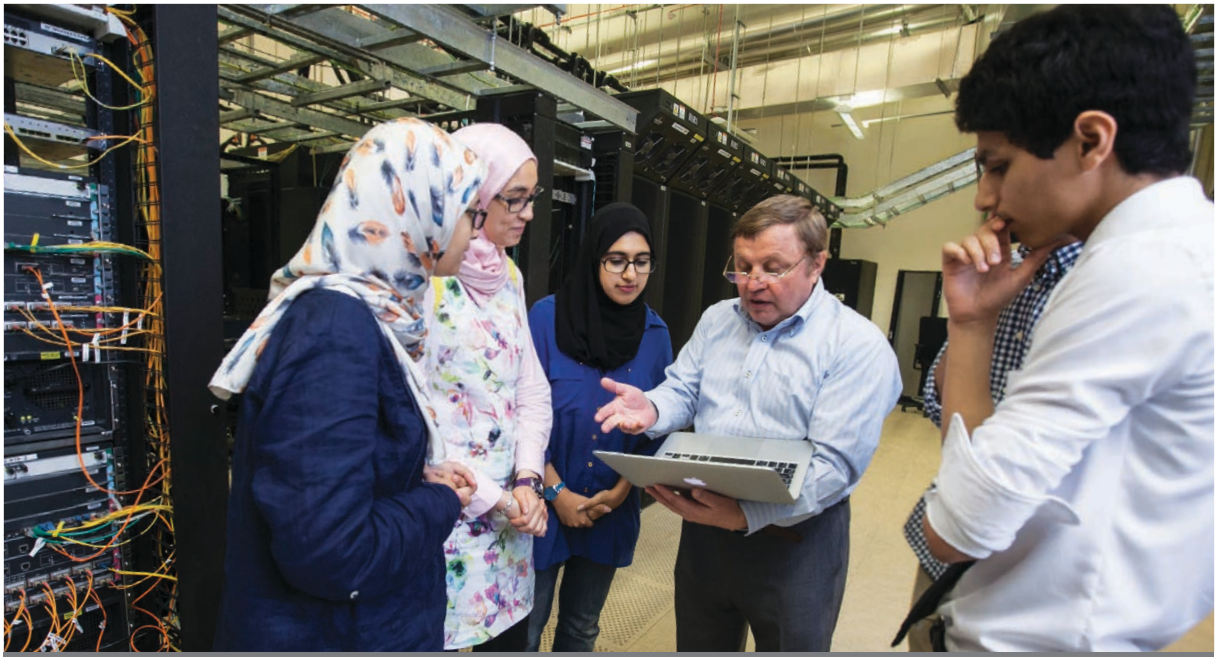

Bachelor of Science in Computational Biology

Carnegie Mellon offered one of the first degree programs in computational biology in the United States. In 2009, CMU created the Computational Biology Department within the School of Computer Science.

The Computational Biology Program at CMU-Q provides an intensive, interdisciplinary education that enables outstanding students to solve biological problems using computational methods.

The curriculum is grounded in the disciplines of biology and computer science, with a strong component of physical science and mathematics. In addition to the core courses, the program includes major-specific and general electives, allowing students to shape their degree program according to their interests and goals.

What Will I Study?

The School of Computer Science and Mellon College of Science have joined forces to establish an exciting interdisciplinary program leading to a B.S. in Computational Biology. The program's curriculum is truly interdisciplinary and is designed for students interested in the intersection of biology and computer science.

Career Paths

Computational biology graduates pursue many different career paths, including biomedical imaging, genomics research and bioinformatics. Many students go on to perform graduate research in areas like predicting disease susceptibilities, sequencing genomes and automatically analyzing biomedical images.

البكالوريوس في علم الأحياء الحاسوبي

كانت جامعة كارنيجي ميلون من أوائل الجامعات التي قدمت شهادة جامعية في علم الأحياء الحاسوبي في الولايات المتحدة، إذ أنشأت الجامعة في عام 2009 قسماً لعلم الأحياء الحاسوبي في كلية علوم الحاسوب.

يحتوي برنامج علم الأحياء الحاسوبي على مقررات دراسية مكثفة متعددة التخصصات تمكن الطلاب النابهين من حل المشكلات البيولوجية باستخدام الأدوات والبرامج الحاسوبية.

يمزج هذا البرنامج بين مقررات من تخصصي العلوم البيولوجية وعلوم الحاسوب، بالإضافة إلى مقررات علم الفيزياء والرياضيات. وبجانب المقررات الأساسية، يشتمل البرنامج على مقررات متخصصة ومحددة، ومقررات أخرى اختيارية عامة، بما يتيح للطلاب تشكيل برنامجهم الجامعي وفقاً لاهتماماتهم وأهدافهم.

ما الذي سأدرسه؟

تعاونت كلية علوم الحاسوب وكلية العلوم بجامعة كارنيجي ميلون لإنشاء برنامج متعدد التخصصات يمنح درجة البكالريوس في علم الأحياء الحاسوبي، صُمّم للطلاب المهتمين بالتطبيقات المشتركة لتقاطع العلوم البيولوجية وعلوم الحاسوب.

المسارات المهنية

يعمل خريجو برنامج علم الأحياء الحاسوبي في العديد من المسارات المهنية المختلفة، منها الأشعة الطبية الحيوية، والأبحاث الجينومية، والمعلوماتية الحيوية. وبعد التخرج يتجه الطلاب إما إلى الدراسات العليا في مجالات مثل التنبؤ باحتمالات الإصابة بالأمراض، وتحليل التسلسل الجينومي، وتحليل صور المؤشرات الطبية الحيوية تلقائياً.

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Computational Biology

Sample Course Plan

To complete their degree requirements, students follow a course plan similar to this sample. As students progress through the program, however, they often work with an academic advisor to adapt the plan to meet individual interests and career goals.

Year	Fall Semester	Spring Semester
Freshman	Introduction to Modern Chemistry I Fundamentals of Programming and Computer Science Differential and Integral Calculus Concepts of Mathematics Reading and Writing in an Academic Context Carnegie Skills Workshop	Modern Chemistry II Principles of Imperative Computation Great Theoretical Ideas in Computer Science Integration and Approximation Interpretation and Argument General Education Breadth
Sophomore	Modern Biology Undergraduate Colloquium for Sophomores Biochemistry I Organic Chemistry I Principles of Functional Programming General Education Breadth	Introduction to Computational Biology Cell Biology Parallel and Sequential Data Structures and Algorithms Physics for Science Students I General Education Breadth
Junior	Genetics Computational Biology Elective Matrices and Linear Transformations General Education Breadth Non-Technical / Free Elective	Advanced Biology Elective Advanced Computer Science Elective Probability Theory and Random Processes Non-Technical / Free Elective Non-Technical / Free Elective
Senior	Introduction to Biological Laboratory Practices Experimental Techniques in Molecular Biology Topics in Research Algorithm Design and Analysis Non-Technical / Free Elective	Computational Genomics Non-Technical / Free Elective Non-Technical / Free Elective Non-Technical / Free Elective Non-Technical / Free Elective

https://www.qatar.cmu.edu/academics-research/academics/computational-biology/

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Computer Science

Analyze. Solve. Code.

Carnegie Mellon University Qatar

Bachelor of Science in Computer Science

Carnegie Mellon's School of Computer Science is known worldwide as an incubator of original ideas, spawning some of the most exciting advances in the field. The program encourages creativity and provides the fundamental skills to develop new technologies.

The Computer Science Program provides students with a core set of skills: mathematical reasoning, algorithmic thinking, and the fundamentals of programming. As well, students complete a minor in a second subject. As computing is a discipline with strong links to many fields, this provides students with unparalleled flexibility to pursue their interests.

The theoretical component of the curriculum gives students the formal tools to remain current as technologies change. Students gain insight into the practical issues of building and maintaining systems by participating in intensive project-oriented courses.

Cutting-Edge Research

Exposure to cutting-edge research is critical for our computer science students. As undergraduates, they learn to tackle real-world problems by developing practical, efficient and novel solutions.

Students at CMU-Q have many opportunities to engage in research: they have the option of a senior thesis project, independent study guided by a faculty mentor, or internships with one of the CMU-Q research groups.

Career Paths

Graduates find work as software engineers, software developers, financial analysts, game programmers, design engineers and consultants. They can also work in emerging fields such as language technology, computational biology, human-computer interaction and robotics.

Graduates of the Computer Science Program at Carnegie Mellon Qatar have either pursued graduate studies or found employment at institutions like Ooredoo, Shell, Qatar Petroleum, Qatar Computing Research Institute (QCRI), General Electric, and Fuego.

Get Started: Contact the Office of Admission or visit www.qatar.cmu.edu/admission

البكالوريوس في علوم الحاسوب

تشتهر كلية علوم الحاسوب في جامعة كارنيجي ميلون على مستوى العالم بأنها حاضنة الأفكار المبدعة والمبتكرة، التي قادت إلى العديد من الاكتشافات المذهلة في هذا المجال. ويشجع البرنامج على الإبداع، ويزود الطلاب بالمهارات الأساسية المطلوبة لتطوير التقنيات الجديدة.

يزود برنامج علوم الحاسوب الطلاب بمجموعة من المهارات الجوهرية مثل الاستدلال الرياضي، والتفكير اللوغاريتمي، وأساسيات البرمجة. ويتعمق الطلاب كذلك في مجال آخر من خلال التخصص الفرعي في موضوع ثانوي. ولأن الحوسبة تخصص وثيق الصلة بالعديد من الفروع والعلوم الأخرى، فإنه يتيح للطلاب مرونة غير مسبوقة في ملاحقة اهتماماتهم وأهدافهم.

يضمن الجانب النظري في مقرر علوم الحاسوب إلمام الطلاب بالأدوات الرسمية التي تمكنهم من مواكبة التقنيات والتغيرات في النظم المختلفة. وفي الوقت نفسه، يتعرف الطلاب على المشكلات العملية لبناء النظم الحوسبية وصيانتها من خلال المشاركة في مقررات مكثفة تعتمد على المشاريع العملية.

أبحاث متقدمة

التعرف على الأبحاث المتقدمة والمشاركة فيها من المهارات الجوهرية التي يجدر بطلاب علوم الحاسوب إتقانها، فهي تمكنهم من التعامل مع مشكلات الواقع الفعلية والتصدي لها من خلال تطوير حلول عملية وفعالة ومبتكرة.

تتوفر العديد من الفرص البحثية لطلاب جامعة كارنيجي ميلون في قطر، إذ يتاح لهم كتابة رسالة أكاديمية قائمة على مشروع بحثي، أو دراسة مستقلة تحت إشراف عضو في هيئة التدريس أو الحصول على فرصة تدريب وظيفي في إحدى الفرق والجماعات البحثية بجامعة كارنيجي ميلون في قطر.

المسارات المهنية

يعمل خريجو هذا البرنامج كمهندسين ومطورين ومصممين للبرامج والنظم والتطبيقات، ومحللين ماليين، ومبرمجين للألعاب، ومهندسين واستشاريين في التصميم. كما يعملون في مجالات صاعدة مثل تكنولوجيا اللغات، وعلم الأحياء الحاسوبي، والتفاعل بين الإنسان والآلة، والروبوتات.

يواصل خريجو علوم الحاسوب في كارنيجي ميلون في قطر دراستهم العليا للحصول على الماجستير والدكتوراه أو يلتحقون بوظائف مرموقة في مؤسسات مثل أوريدو وشل، وقطر للبترول وجنرال إليكتريك ومعهد قطر لبحوث الحوسبة، وشركة فويجو.

Computer Science

Sample Course Plan

To complete their degree requirements, students follow a course plan similar to this sample. As students progress through the program, however, they often work with an academic advisor to adapt the plan to meet individual interests and career goals.

Year	Fall Semester	Spring Semester
Freshman	Fundamentals of Programming and Computer Science Freshmen Immigration Course II Differential and Integral Calculus Concepts of Mathematics Reading and Writing in an Academic Context Carnegie Skills Workshop	Principles of Imperative Computation Great Theoretical Ideas in Computer Science Integration and Approximation Interpretation and Argument Science Elective
Sophomore	Principles of Functional Programming Introduction to Computer Systems Matrices and Linear Transformations Science Elective General Education Elective	Parallel and Sequential Data Structures and Algorithms Technical Communication for Computer Scientists Probability Theory and Random Processes Science Elective Great Theoretical Ideas
Junior	Algorithm Design and Analysis Computer Science Constrained Elective Science Elective Minor / Free Elective Minor / Free Elective	Computer Science Constrained Elective Computer Science Elective General Education Elective Minor / Free Elective Minor / Free Elective
Senior	Computer Science Constrained Elective Computer Science Elective General Education Elective Minor / Free Elective	Computer Science Constrained Elective General Education Elective Minor / Free Elective Minor / Free Elective

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Information Systems

Analyze. Design. Create.

Carnegie Mellon University Qatar

Bachelor of Science in Information Systems

The Information Systems Program is based on professional core courses that teach students to analyze, design, implement and test information systems using current and emerging organizational and technological practices. Two of these courses are project-based, in which small groups develop solutions to clients' real information problems.

The program exposes students to four areas fundamental to understanding problems in information systems: organizations, decision making, research methods and professional communications. Courses in mathematics, statistics and computer programming provide students with strong quantitative skills to meet the technical demands of the discipline.

The flexible nature of the program encourages students to explore their interests. Students may specialize in social and global aspects of technology; technology and applications development; applications of technology to business; or user experience in design.

Projects that make a difference

In the project-based courses, information systems students work with outside organizations to identify, articulate, scope and develop a solution to real world problems. Students learn to assess client needs, create solutions and evaluate their work, which is excellent preparation for the professional practice of information systems.

Career Paths

Typical career fields for new information systems graduates include project managers, IT and risk management consultants, entrepreneurial ventures, business analysts, web and mobile application developers, application designers and user experience testing.

Graduates of the program in Qatar are recruited by a wide range of employers, including KPMG, Shell, Qatar Petroleum, RasGas, Doha Film Institute and Qatar Airways.

Get Started: Contact the Office of Admission or visit www.qatar.cmu.edu/admission

البكالوريوس في أنظمة المعلومات

يعتمد برنامج أنظمة المعلومات على مقررات مهنية أساسية تعلم الطلاب تحليل نظم المعلومات وتصميمها وتنفيذها واختبارها باستخدام الممارسات الحالية والجديدة في التنظيم والتكنولوجيا. ويعتمد اثنان من هذه المقررات على المشاريع، التي تتعاون من خلالها فرق صغيرة من الطلاب في تصميم الحلول لمشكلات معلوماتية حقيقية لدى العملاء.

يُعرّف البرنامج الطلاب على المجالات الأربع الأساسية لفهم المشكلات في أنظمة المعلومات وهي: التنظيم، واتخاذ القرار، وطرق البحث، والتواصل المهني. وتزود المقررات في الرياضيات والإحصائيات وبرمجة الحاسب الطلاب بمهارات كمية قوية تلبي المطالب التقنية لهذا التخصص.

تشجع المرونة التي تتسم بها طبيعة البرنامج الطلاب على استكشاف اهتماماتهم وميولهم، وتتيح لهم التخصص في الجوانب الاجتماعية والعالمية للتكنولوجيا، أو في تطوير التقنيات والتطبيقات، أو في تطبيق التكنولوجيا على الأعمال، أو تجربة المستخدم في التصميم.

مشاريع لها تأثير

في المقررات المعتمدة على المشاريع، سيتعاون طلاب نظم المعلومات مع المؤسسات والشركات الخارجية لتحديد مشكلات فعلية في الواقع ووصفها وتحديد نطاقها ووضع حلول لها. وسيتعلم الطلاب تقييم احتياجات العملاء، وإنشاء حلول، وتقييم عملهم، وهي مهارات تؤهلهم خير تأهيل للممارسة المهنية لنظم المعلومات.

المسارات المهنية

يعمل خريجو نظم المعلومات عادة كمديرين للمشاريع، واستشاريين لإدارة المخاطر وتكنولوجيا المعلومات، وكرواد في مجال الأعمال والمشاريع، ومحللين للأعمال، ومطورين لتطبيقات الويب والجوال، ومصممين للتطبيقات، واختبار تجربة الاستخدام.

يعمل خريجو هذا البرنامج في عدد كبير من الشركات في دولة قطر، مثل قطر للبترول، وراس غاز، وشل، وكيه بي إم جي، ومعهد الدوحة للأفلام، والخطوط الجوية القطرية.

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Information Systems

Sample Course Plan

To complete their degree requirements, students follow a course plan similar to this sample. As students progress through the program, however, they often work with an academic advisor to adapt the plan to meet individual interests and career goals.

Year	Fall Semester	Spring Semester
Freshman	Principles of Computing Calculus I Concepts of Information Systems Reading and Writing in an Academic Context Carnegie Skills Workshop	Fundamentals of Programming Differential and Integral Calculus The Information Systems Milieux Interpretation and Argument Global Histories
Sophomore	Introduction to Data Structures Database Design and Development Design Fundamentals I Organizations Requirement General Education Elective	Application Design and Development Writing for the Professions Statistical Reasoning and Practice General Education Elective Free Elective
Junior	Information Systems Elective Content Area Elective General Education Elective QARM Free Elective	Software Development Project Information Systems Required Elective Content Area Elective Free Elective Free Elective
Senior	Innovations in Information Systems Content Area Elective Free Elective Free Elective Free Elective	Information Systems Elective Free Elective Free Elective Free Elective Free Elective

https://www.qatar.cmu.edu/academics-research/academics/information-systems/

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Workshops and events for secondary students

For high school students who would like a glimpse into college life, CMU-Q holds workshops in all of the different program areas.

Summer College Preview Program (SCPP)

The SCPP is an academically intensive program that introduces high school students to the different facets of campus life. Students attend college-level preparation classes in math and writing, create a project in one of our academic majors as part of a team and prepare for the SAT or ACT college entrance exams. Many SCPP students go on to become CMU-Q students

Mindcraft

Computing is the driving force in nearly every discipline and field of study. Engineering, aviation, business, social sciences, and medicine all rely on computer science. Mindcraft is a one-day workshop for students to learn about computing and the many careers for computer scientists.

Botball

Each spring, CMU-Q hosts Botball, a competition where high school students use their programming skills and ingenuity to program a robot to complete a mission.

Biotechnology Explorers Program

To introduce secondary students to biological sciences, CMU-Q hosts the Biotechnology Explorers Program where students investigate questions like how the brain works and what is the protein content in different foods. Students will get hands on lab experience from this workshop.

Ibtikar Qatar

The field of information systems is about applying technology to solve practical problems. Ibtikar, which is the Arabic word for 'innovation,' introduces students to topics like human-centered design and business process management.

Winter Institute - Discovering Computer Science

By invitation only, Qatari secondary students can explore the field, learn basic computational skills, and see how the field of computer science is becoming an important career for the future of Qatar.

Tajer – Investment for Qatar

Secondary students can develop skills in finance, business and negotiation at the Tajer workshops at CMU-Q. Students trade as if they were on the floor of a stock exchange in an engaging, hands-on introduction to financial markets.

Young Entrepreneurs

Young Entrepreneurs at CMU-Q is for high school students to start on the path to entrepreneurship. All attendees receive a Certificate of Participation.

Pi Day Mathematics Competition

The Pi Day Mathematics Competition is an opportunity for secondary students in Qatar's independent and private schools to explore the fun side of mathematics.

For more information, visit www.qatar.cmu.edu/future-students/workshops-events

ورش وفعاليات لطلاب المرحلة الثانوية

تنظم جامعة كارنيجي ميلون في قطر لطلاب الثانوية العامة الراغبين في معرفة نبذة عن الحياة الجامعية ورش عمل في جميع برامجها ومقرراتها المختلفة. وصممت كل ورشة عمل لكي تقدم شرحاً وافياً للطلاب حول الدراسة في جامعة كارنيجي ميلون في قطر.

البرنامج الصيفي للتعريف بالجامعة (SCPP)

البرنامج الصيفي للتعريف بالجامعة يمتد لثلاث أسابيع، يتعرف طلاب المدارس الثانوية أثناءها على الجوانب المختلفة للحياة الجامعية. وخلال هذا البرنامج يحضر الطلاب محاضرات في الرياضيات، الكتابة على مستوى جامعي، يتعاونون كفرق في إنشاء المشاريع، ويستعدّون لاختباري SAT و ACT لدخول الكلية. وأغلب الطلاب المشاركين في هذا البرنامج ينجحون في الالتحاق بجامعة كارنيجي ميلون بعد النجاح في الدراسة الثانوية.

Mindcraft

الحوسبة هي القوة الرئيسية المحركة في مختلف المجالات والتخصصات الدراسية، سواء كانت الهندسة أو الطيران أو إدارة الأعمال أو العلوم الاجتماعية أو الطب، فجميعها يعتمد على علوم الحاسب. وهي ورشة ليوم واحد توفر للطلاب الفرصة لمعرفة المزيد عن الحوسبة والمجالات المهنية العديدة لعلماء الحاسب.

مسابقة البوتبول لتعليم الروبوتات

في فصل الربيع من كل عام، تستضيف جامعة كارنيجي ميلون في قطر مسابقة البوتبول، التي يستخدم فيها طلاب المرحلة الثانوية مهاراتهم وإبداعهم في البرمجة في برمجة روبوت لإكمال مهمة معينة. ومسابقة البوتبول النهائية هي معركة حقيقية بين العقول، إذ تتنافس جهود فرق الطلاب لإكمال مهامهم والتفوق على خصومهم.

برنامج التعريف بالتكنولوجيا الحيوية

تستضيف جامعة كارنيجي ميلون في قطر برنامج "التعريف بالتكنولوجيا الحيوية" لتعريف الطلاب على العلوم البيولوجية، الذي يساعد في الإجابة على أسئلة مثل كيف يعمل المخ البشري، ومحتويات البروتين في الأغذية المختلفة. ومن خلال ورشة العمل هذه، يكتسب المشارك خبرة عملية في علم المختبرات.

مسابقة "ابتكار قطر"

تخصص أنظمة المعلومات يدور حول تطبيق التكنولوجيا في حل المشكلات الفعلية. وفي عصر التكنولوجيا الذي نعيش فيه، تبدو الإمكانيات والفرص المهنية في هذا المجال لا حدود لها. مسابقة ابتكار قطر تُعرّف الطلاب على موضوعات مثل التصميم المرتكز على الإنسان وإدارة إجراءات الأعمال، وهما مجالان يتعلم الطلاب من خلالهما حل المشكلات باستخدام الإبداع والتكنولوجيا.

برنامج الشتاء – استكشاف علوم الحاسوب

يستطيع طلاب المدارس الثانوية في قطر الذين يتلقون دعوة للالتحاق في هذا البرنامج استكشاف علوم الحاسوب وتعلم المهارات الأساسية للحوسبة، والتعرف على أهمية علوم الحاسب كمجال مهني لمستقبل دولة قطر.

برنامج "تاجر" التعليمي – الاستثمار من أجل قطر

يكتسب طلاب المدارس الثانوية المهارات في الأمور المالية والأعمال والمفاوضات في ورشات "تاجر" التعليمية التي تنظمها جامعة كارنيجي ميلون في قطر، وفيها يتداول الطلاب الأسهم كما لو كانوا في صالة سوق الأوراق المالية "البورصة". تقدم هذه الورشات للطلاب نبذة أو مقدمة عن الأسواق المالية.

رواد الأعمال الناشئين

برنامج رواد الأعمال الناشئين مصمم لطلاب المرحلة الثانوية. يحصل جميع المشاركين على شهادة مشاركة.

مسابقة "باي" في علوم الرياضيات

يوم "باي" هو عبارة عن فرصة لطلاب المرحلة الثانوية في جميع مدارس الدولة لاكتشاف المتعة في عالم الرياضات.

For more information, visit www.qatar.cmu.edu/future-students/workshops-events

Application Checklist

qatar.cmu.edu/how-to-apply

At Carnegie Mellon, every applicant is treated as an individual. Admission is based on academic merit, with the following documents required for a complete application:

- ☐ Online application form through the Common Application
- ☐ Personal essay (part of the online application form)
- ☐ Official secondary school transcript or mark sheet, including all courses taken and all grades received for grades 10, 11 and 12. British and Indian curriculum students should also include all exam results (IGCSE, AS, A-Level, CBSE, etc.) available at the time of application, including predicted grades
- ☐ One letter of recommendation from a college counselor, principal or academic advisor (submit through the Common Application)
- ☐ One letter of recommendation from a teacher or professor (submit through the Common Application)
- ☐ Official SAT (4246) or ACT (5269)
- ☐ Official TOEFL (4246) or IELTS
- ☐ Schedule personal interview online (not required but highly recommended)
- ☐ Application Fee of QAR 250 or USD 70

For more information, visit qatar.cmu.edu/admission

Important Dates

- All standardized testing should be taken before the application deadline.
- The regular application deadline for fall (August) enrollment is March 1. The Early Decision deadline for eligible students is November 1.
- The application deadline for spring (January) enrollment is November 1 (transfer applicants only).
- Application requirements for transfer applicants are the same as for first-year applicants.
- Carnegie Mellon seeks students of exceptional academic caliber who are committed to excellence and wish to be active members of the Education City campus community. We evaluate all applicants for admission as individuals, and we encourage secondary students to take the most challenging courses available as the best way to prepare for the high academic expectations of Carnegie Mellon.
- We evaluate applications holistically, which means we do not determine if a student is admitted based on a single grade or test score. Instead, we undergo a complete review of all secondary school grades, standardized test results, recommendation letters, the personal essay and the interview before we make a final admission decision.

متطلبات القبول

qatar.cmu.edu/how-to-apply

في كارنيجي ميلون، يعامل كل متقدم بصفة فردية. ويعتمد القبول على التفوق الأكاديمي، ولا يعتبر طلب القبول كاملاً قبل استيفاء المتطلبات التالية:

- ☐ طلب القبول عبر الموقع الإكتروني
- ☐ المقال الشخصي (جزء من طلب القبول الإلكتروني)
- ☐ نسخة رسمية من شهادة الدراسة الثانوية أو كشف الدرجات، توضح كل المقررات التي درسها الطالب والدرجات التي حصل عليها في الصفوف العاشر والحادي عشر والثاني عشر. وعلى الطلاب الذين درسوا المنهج البريطاني أو الهندي تقديم كل نتائج الاختبارات (IGCSE و AS و A-Level و CBSE وغير ذلك) المتاحة في وقت تقديم الطلب، بما في ذلك الدرجات المتوقعة.
- ☐ رسالة توصية من مستشار المدرسة أو الكلية أو المدير أو المرشد الأكاديمي (جزء من طلب القبول الإلكتروني)
- ☐ رسالة توصية من المعلم أو الأستاذ (جزء من طلب القبول الإلكتروني)
- ☐ شهادة رسمية بنتائج اختبارات SAT (4246) أو ACT (5269) الرسمية
- ☐ شهادة رسمية بنتائج اختبارات TOEFL (4246) أو IELTS
- ☐ مقابلة شخصية (ليست إلزامية ولكن ينصح بها)
- ☐ رسوم التقديم وقدرها 250 ريال قطري أو 70 دولار أمريكي

لمعرفة المزيد من المعلومات، يرجى زيارة qatar.cmu.edu/admission

تواريخ مهمة

- ينبغي اجتياز كل الاختبارات الموحدة قبل حلول الموعد النهائي لطلب القبول.
- الموعد النهائي لتقديم طلب القبول في فصل الخريف (أغسطس) هو 1 مارس.
- الموعد النهائي لتقديم طلب القبول المبكر للطلاب المؤهلين في فصل الخريف (أغسطس) هو 1 نوفمبر .
- الموعد النهائي لتقديم طلب القبول في فصل الربيع (يناير) هو 1 نوفمبر (الراغبين في التحويل فقط).
- شروط طلب التقديم للراغبين في التحويل هي نفسها شروط القبول لطلاب السنة الأولى.
- تسعى جامعة كارنيجي ميلون في قطر لاستقطاب طلاب يتميزون بقدرات أكاديمية استثنائية ويلتزمون بالتفوق ويرغبون في المساهمة النشطة والإيجابية كأعضاءً فاعلين في مجتمع المدينة التعليمية. إننا نُقيِّم طلبات كل المتقدمين للالتحاق بصفتهم الفردية، ونحث طلاب المرحلة الثانوية على دراسة الدورات والمقررات التعليمية المتميزة، لأنها أفضل وسيلة للاستعداد للتوقعات الأكاديمية في جامعة كارنيجي ميلون.
- نقيم كل طلبات التقديم من منظور شامل، مما يعني أننا لا نقرر ما إذا كان الطالب سيقبل بناءً على درجة معينة أو درجة الاختبار. وبدلاً من ذلك، فإننا نقوم بمراجعة شاملة لكل درجات المدرسة الثانوية، ونتائج الاختبارات القياسية، وخطابات التزكية، والمقال الشخصي، والمقابلة قبل اتخاذ قرار القبول.