Carnegie Mellon University in Qatar

Michael Trick, Dean
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www.qatar.cmu.edu (http://www.qatar.cmu.edu)

Carnegie Mellon University in Qatar is Carnegie Mellon's first and only undergraduate branch campus. Since 2004, it exists as part of a collaborative effort with the Qatar Foundation to bring outstanding American educational programs to the Middle East.

Degree Offerings
Carnegie Mellon University in Qatar offers five academic programs:
• Biological Sciences (http://coursecatalog.web.cmu.edu/schools-colleges/melloncollegeofscience/departmentofbiologicalsciences/#bsbinbiologicalsciencetext), Business Administration (http://coursecatalog.web.cmu.edu/schools-colleges/tepper/undergraduatebusinessadministrationprogram/#bsinbusinessadministrationtextcontainer), Computer Science (http://coursecatalog.web.cmu.edu/schools-colleges/schoolofcomputerscience/undergraduatecomputerscience/), Computational Biology (http://coursecatalog.web.cmu.edu/schools-colleges/schoolofcomputerscience/undergraduatecomputationalbiology/), and Information Systems (http://coursecatalog.web.cmu.edu/schools-colleges/dietrichcollegeofhumanitiesandsocialsciences/informationsystems/#curriculumentextcontainer). To examine the requirements for those degrees, see their respective main campus college sections elsewhere in the Undergraduate Catalog. The purpose of this section is to describe the CMU-Q policies that are independent from those of the Pittsburgh campus and outline procedures that are common to students in all programs in Qatar.

Major Sample Schedules
Sample schedules for how CMU-Q students nominally track through the academic programs can be found on the CMU-Q website as follows:
• Biological Sciences (http://www.qatar.cmu.edu/curriculum-bs/)
• Business Administration (http://www.qatar.cmu.edu/curriculum-ba/)
• Computer Science (http://www.qatar.cmu.edu/curriculum-cs/)
• Computational Biology (http://www.qatar.cmu.edu/cb/)
• Information Systems (https://www.qatar.cmu.edu/academics-research/academics/information-systems/)

Business Administration Concentrations
The Business Administration program requires students to complete a minimum of one concentration (specialization) and three additional Business and Economics electives, which may add up to a second concentration. For advice on specific requirements, contact Program Director J. Patrick McGinnis. The following concentration areas may be completed at Carnegie Mellon University in Qatar:
• Accounting
• Business Analytics
• Business Technology
• Economics, Markets, and Strategy
• Entrepreneurship
• Finance
• International Business
• Leadership and Organizational Effectiveness
• Marketing
• Operations

Information Systems Content Areas
The Information Systems program requires its students to complete a minimum of 27 units of a content area (as well as a project course or equivalent research experience for students on the new IS curriculum starting in Fall 2020). For advice on specific requirements, contact Program Director Daniel Phelps. The following content areas are offered at Carnegie Mellon University in Qatar for IS students with sophomore standing or above as at the start of Fall 2020 (August 2020):
• Computing and Information Systems & Technology
• Social and Global Systems
• User-Centered Information Design
• Applied Informatics

New content areas are being developed for the new IS curriculum which is applicable for incoming freshmen students starting Fall 2020. Content areas are subject to periodic change. Updates to content areas will be posted on the CMU-Q Information Systems program website.

Additional Major in Information Systems
Students who elect Information Systems as an additional major must fulfill all Information Systems degree requirements, including prerequisites, Professional Core, Disciplinary Core, and Content Area requirements. With respect to double-counting courses, the program will allow up to two courses to count between the additional major and a primary major. Students should begin planning their additional major as early as possible, as the Information Systems core courses are sequential, and are often the constraining resource for completion of the major.

Only one course can be double-counted between the Information Systems major and a minor.

Minors
In addition to the major degree programs, Carnegie Mellon also offers a number of minors. Minors typically consist of six courses that provide the student with substantial exposure to the core of that academic discipline. As with the major programs, the requirements of these minors are set by their respective departments on the main campus:
• Arabic Studies (advisor: Zeinab Ibrahim) (https://scotty.qatar.cmu.edu/academic-services/minor-information/)
• Biomedical Sciences (advisor: Annette Vincent) (https://scotty.qatar.cmu.edu/academic-services/minor-information/)
• Business Administration (advisor: J. Patrick McGinnis) (https://scotty.qatar.cmu.edu/academic-services/minor-information/)
• Cognitive Neuroscience (advisor: Jennifer Bruder) (https://scotty.qatar.cmu.edu/academic-services/minor-information/)
• Computational Biology (advisors: Valentin Ilyin) (https://scotty.qatar.cmu.edu/academic-services/minor-information/)
• Computer Science (advisor: Khaled Harras) (https://scotty.qatar.cmu.edu/academic-services/minor-information/)
• Economics (advisor: J. Patrick McGinnis) (https://scotty.qatar.cmu.edu/academic-services/minor-information/)
• Global Systems and Management (advisor: Daniel Phelps) (https://scotty.qatar.cmu.edu/academic-services/minor-information/)
• History (advisor: Ben Reilly) (https://scotty.qatar.cmu.edu/academic-services/minor-information/)
• Information Systems (advisor: Chadi Aoun) [only offered in Qatar] (https://scotty.qatar.cmu.edu/academic-services/minor-information/)
• Mathematical Sciences (advisor: Hasan Demirkoparan) (https://scotty.qatar.cmu.edu/academic-services/minor-information/)
• Neuroscience (advisor: Annette Vincent) (https://scotty.qatar.cmu.edu/academic-services/minor-information/)
• Professional Writing (advisor: Thomas Mitchell) (https://scotty.qatar.cmu.edu/academic-services/minor-information/)
• Psychology (advisor: Jennifer Bruder) (https://scotty.qatar.cmu.edu/academic-services/minor-information/)
• Student-Defined Minors (contact Selma Limam Mansar for initial declaration) (https://scotty.qatar.cmu.edu/academic-services/minor-information/)

Academic Standards and Actions
Academic Standards
Carnegie Mellon University in Qatar complies with common University policies unless otherwise noted. The curriculum requirements for the Biological Sciences, Business Administration, Computer Science and Computational Biology, and Information Systems majors are set by the respective departments of the Mellon College of Science, Tepper School of Business, the School of Computer Science, and the Dietrich College of Humanities and Social Sciences and the Heinz College of Information
Graduation Requirements

Residency
Candidate for a Bachelor's degree must complete a minimum of four semesters of full-time study, or the equivalent of part-time study, comprising at least 180 units of coursework at Carnegie Mellon.

Cumulative GPA
To be eligible to graduate, undergraduates must complete all course requirements for their program with a cumulative Quality Point Average of at least 2.0 for all courses taken. For undergraduate students who enrolled at Carnegie Mellon as freshmen and whose freshman grades cause the cumulative GPA to fall below 2.0, this requirement is modified to be a cumulative QPA of at least 2.0 for all courses taken after the freshman year. Note, however, the cumulative QPA that appears on the student's final transcript will be calculated based on all grades in all courses taken, including freshman year. Some programs may have additional QPA requirements in order to graduate. Students are encouraged to confirm all graduation requirements with their academic advisor.

University Honors
Students maintaining a cumulative QPA of at least 3.5 after seven semesters of full-time enrollment or raising their QPA to 3.5 upon completing their graduation requirements in their final semester will graduate with University Honors.

Academic Actions

Students carrying either a full-time course load (defined as 36 or more units) or a part-time course load (defined as fewer than 36 units) are subject to academic actions.

Dean's List
Students earn Dean's List recognition in a given semester by achieving one of two minimum standards. They must either earn a semester QPA of 3.75 or higher (while taking at least 36 factorable units and receiving no incomplete grades) or earn a semester QPA of 3.50 or higher (while taking at least 45 factorable units and receiving no incomplete grades). The CMU-Q Dean's List is calculated uniformly for all students across all majors due to the fact that CMU-Q majors are drawn from four different Pittsburgh colleges with varying Dean's List criteria.

Other Academic Actions
Students are subject to academic actions if they fail to meet the minimum standards toward their degree.

Minimum Standards
The minimum standards are defined as follows:
- First-year students: a semester QPA of at least 1.75.
- Beyond the first year: a semester QPA and a cumulative QPA (excluding the first year) of at least 2.0.
- Students who begin a semester enrolled in 36 or more units and later drop below 36 units are subject to academic actions regardless of their semester QPA.

Probation
Probation occurs when a student's semester record fails to meet the minimum standards described above. The term of a probation is one semester as a full-time student. Students are removed from probation if they complete at least 36 units and:
- For a first-year student, probation is removed at the end of the second semester if the second semester's QPA is 1.75 or above.
- For students in the third or above semesters, probation is removed if they raise their cumulative QPA above 2.00, and achieve a semester QPA of 2.0 or higher (excluding the first year).

Probation Continued
Occasionally, a student's probation may be continued if the student's cumulative record does not meet minimum standards, but his or her semester record suggests that the student may do so by the end of the next semester. This action is normally taken only when a student's semester QPA is above 2.0 but their cumulative QPA is not yet above 2.0.

Suspension
A student who fails to meet the minimum standards described above at the end of the probation semester will be suspended.
- A first-year student will be suspended if the QPA from each semester is below 1.75.
- A student in the third or subsequent semester of study will be suspended if the semester factor or the cumulative factor (excluding the first year) is below 2.00 for two consecutive semesters.

Suspension is for a minimum of one year and the student is required to follow University procedures for departing from campus. At the end of the year, the student may petition to return to CMU-Q by:
- Receiving permission in writing from the Senior Associate Dean for Education to resume their studies. This permission would normally be granted after the student would produce evidence for fulfilling return conditions (if any) and for taking convincing steps to ameliorate the cause of the suspension. To get approval to resume their studies, the student must demonstrate that they are better prepared to perform above the minimum standards for graduation than before they were suspended.
- Completing a Return from Leave of Absence Form from Enrollment Services.

Students coming back from suspension are placed on Probation for the semester of their return.

Students who have been suspended or have withdrawn are required to absent themselves from the campus within a maximum of two days after the action and to remain off the campus for the duration of the time specified. This action includes debarment from part-time or summer courses at the university for the duration of the period of the action. Suspended students may not hold student jobs with the university.

Drop
A student who fails to meet minimum standards at any point after returning from a suspension is subject to a drop action. A drop action is a permanent severance; the student is required to follow University procedures for departing from campus and may not enroll again in the future.

The typical progression of academic actions is Probation, Suspension, then Drop but the intent of the academic actions are to take measures that are in the student's best interest, and therefore the school may bypass one or more of these steps in an unusual case and suspend or drop a student without prior probation.

OTHER REGULATIONS AFFECTING STUDENT STATUS

Adding a Class
Students may add classes to their schedule under the following rules:
- Students may add a full-semester course through the first 10 class days of the semester.
- Students may add half-semester (mini) courses through the first 5 class days of the course.

Dropping/Withdrawal from a Class
Students should refer to the university’s policy on dropping/withdrawing from a class: https://www.cmu.edu/hub/registrar/course-changes/index.html

Course Overloads
A normal maximum load for a CMU-Q student is 51 units. In order to overload (i.e., take more than 51 units but no more than 63), a student must have attained a QPA of at least 3.0 in the previous semester, or have a cumulative QPA of 3.0. A student wishing to pursue a greater number of units must petition the Senior Associate Dean for Education to do so.

Non-Carnegie Mellon Courses
Carnegie Mellon University offers students the opportunity to take courses for credit through a cross-registration program and through the receipt of transfer credit from other accredited institutions. The Carnegie Mellon transcript will include information on such courses as follows:
Carnegie Mellon courses and courses taken through the university’s cross-registration program will have grades recorded on the transcript and be factored into the QPA. All other courses will be recorded on this transcript indicating where the course was taken, but no grade will be reported. Such courses will not be taken into account for academic actions, honors or QPA calculations. (Note: Suspended students may take courses elsewhere with prior approval; however, they will not receive transfer credit.)

Cross Registration
Courses offered for cross-registration are those taken through an agreement with Texas A&M University at Qatar; Georgetown School of Foreign Service
in Qatar; Northwestern University in Qatar; Virginia Commonwealth University in Qatar; and Weill Cornell Medical College in Qatar that full-time students at Carnegie Mellon University in Qatar can take up to one class a semester at their schools. Cross-registration requires the completion of a cross-registration form with the appropriate signatures from the home and host institutions. Completion of the form does not guarantee a space in the requested course. The agreement only applies during the regular academic year, normal course transfer rules apply in the summer.

**Course Transfer**

Students may receive credit for courses taken outside of Carnegie Mellon if they successfully petition the Senior Associate Dean for Education in advance for permission. Students must take these courses for a letter grade and instruction must be in English for non-language courses. Credit (but not the grade) will normally transfer for courses with a grade equivalent to at least a "B". The class's course description must be a close match to the Carnegie Mellon course and from an accredited institution. Students may not receive credit for any courses taken on-line unless there is some safeguard to ensure that the actual student took the course (e.g., a proctored final taken under supervision at CMU-Q).

Students may not receive credit for more than five non-CMU courses during their undergraduate career as a Carnegie Mellon student. Classes taken prior to enrolling in Carnegie Mellon, during study abroad semesters, and as cross-registration with other Education City schools do not count toward the course transfer limit. All students must meet the University's residency requirement of completing at least 180 units of Carnegie Mellon coursework.

**Campus Exchange and Transfer**

**Campus Exchange**

CMU-Q and Pittsburgh students in good academic standing (not on Probation/Suspension) may study on the other campus for one semester on a space available basis and with the approval of both the home and host departments. Space constraints on both campuses may force programs to limit the number of students who can exchange in any given semester. CMU-Q students may study abroad for a second semester at another institution (not CMU Pittsburgh) if an appropriate additional study abroad opportunity arises and their academic advisors agree.

Summer studies in Pittsburgh are not subject to any constraint other than not being on Suspension or Leave of Absence.

**Transfer**

Internally between majors at CMU-Q

Students may transfer between majors at CMU-Q on a space-available and academic performance basis. Students interested in transferring should consult with the Senior Associate Dean for Education and the Academic Advisor of the new major. First-year students may not apply for transfer until they receive their spring mid-semester grades.

Between CMU-Q and Carnegie Mellon, Pittsburgh

Most majors in Pittsburgh have very few open spaces for transfer students. As a result, decisions about transfers to any major in Pittsburgh will be made by the receiving department, are highly competitive, and are not likely.

Transfers to CMU-Q from other Universities

Transfer students from other universities must apply through the Admissions Office at Carnegie Mellon University in Qatar. The Admissions Office, the Senior Associate Dean for Education, and the Program Director will determine if there is space available in the desired program and if the student's past academic performance warrants admission.

**Faculty**

NESSRINE AFFARA, Assistant Teaching Professor – Ph.D., Ohio State University; Carnegie Mellon, 2017-

SERKAN AKGUC, Assistant Teaching Professor – Ph.D., Temple University;

CHADI AOUN, Associate Teaching Professor – Ph.D., University of New South Wales; Carnegie Mellon, 2014-

RAVICHANDRA BACHU, Assistant Teaching Professor – Ph.D., The City University of New York; Carnegie Mellon, 2015-

HOUIDA BOUAMOR, Assistant Teaching Professor – Ph.D., Université Paris Sud; Carnegie Mellon, 2015-

MOHAMED BOUAQUINA, Associate Teaching Professor – Ph.D., Pierre and Marie Curie University; Carnegie Mellon, 2013-

JENNIFER BRUDER, Assistant Teaching Professor – Ph.D, University of Munich; Carnegie Mellon, 2017-

LAUREN BURAKOWSKI, Assistant Teaching Professor – Ph.D., University of California; Carnegie Mellon, 2018-

ANIS CHARFI, Associate Teaching Professor – Ph.D., Technische Universität Darmstadt; Carnegie Mellon, 2015-

MILTON COFIELD, Distinguished Service Professor of Business Management – Ph.D., University of Illinois; Carnegie Mellon, 2017-

HASAN DEMIRKOPARAN, Associate Teaching Professor – Ph.D., Michigan State University; Carnegie Mellon, 2005-

GIANNI DI CARO, Associate Teaching Professor – Ph.D., Université Libre de Bruxelles; Carnegie Mellon, 2016-

KIRA DREHER, Assistant Teaching Professor – Ph.D., University of Minnesota; Carnegie Mellon, 2019-

MUHAMMAD FAUAROOGI, Area Head, Business Administration and Associate Teaching Professor – Ph.D., Richard Ivey School of Business; Carnegie Mellon, 2013-

SIMON FAULKNER, Assistant Teaching Professor – Ph.D., University College London; Carnegie Mellon, 2019-

MARIA PIA GOMEZ LAICH, Assistant Teaching Professor – Ph.D., Carnegie Mellon University; Carnegie Mellon, 2018-

SUSAN HAGAN, Associate Teaching Professor – Ph.D., Carnegie Mellon University; Carnegie Mellon, 2004-

MOHAMMAD HAMMOUD, Assistant Teaching Professor – Ph.D., University of Pittsburgh; Carnegie Mellon, 2014-

KHALED HARRAS, Area Head, Computer Science and Teaching Professor – Ph.D, University of California-Santa Barbara; Carnegie Mellon, 2007-

ERIK HELIN, Special Lecturer – M.A., Eastern Michigan University; Carnegie Mellon, 2006-

ZEINAB IBRAHIM, Teaching Professor – Ph.D., Georgetown University; Carnegie Mellon, 2009-

AUGUSTIN INDACO, Assistant Teaching Professor – Ph.D., City University of New York (CUNY); Carnegie Mellon, 2019-

VALENTIN ILIYIN, Associate Teaching Professor – Ph.D., Shubnikov Institute of Crystallography; Carnegie Mellon, 2012-

CHRISTOS KAPOUTSIS, Associate Teaching Professor – Ph.D., Massachusetts Institute of Technology; Carnegie Mellon, 2012-

NIRAJ KHARE, Assistant Teaching Professor – Ph.D., Ohio State University; Carnegie Mellon, 2014-

JASMINE KIRBY, Instruction and Engagement Librarian – MS, University of Illinois; Carnegie Mellon, 2019-

CECILE LE ROUX, Assistant Teaching Professor – Ph.D., University of Sydney; Carnegie Mellon, 2017-

DIVAKARAN LIGINLAL, Teaching Professor – Ph.D., University of Arizona-Tucson; Carnegie Mellon, 2009-

SELMA LIMAM MANSAR, Senior Associate Dean for Education, Area Head for Information Systems and Teaching Professor and – Ph.D., National Polytechnic Institute of Grenoble; Carnegie Mellon, 2007-

TERESA MACGREGOR, Senior Librarian and Director, Library – MS in Library Science, University of Kentucky; Carnegie Mellon, 2012-

J. PATRICK McGINNIS, Program Director for Business Administration and Distinguished Career Professor – M.A., Pittsburg State University; Carnegie Mellon, 1999-

EZZOHRA MOUFID, Lecturer – MS, University of Roehampton; Carnegie Mellon, 2019-

THOMAS MITCHELL, Associate Teaching Professor – Ph.D., Carnegie Mellon University; Carnegie Mellon, 2013-

DEEPA NAIR, Assistant Teaching Professor – Ph.D., National University of Singapore; Carnegie Mellon, 2019-

JOHN O’BRIEN, Senior Associate Dean, Faculty and Outreach and Associate Professor – Ph.D., University of Minnesota; Carnegie Mellon, 1984-

KEMAL OFLAZER, Associate Dean for Research and Teaching Professor – Ph.D., Carnegie Mellon University; Carnegie Mellon, 2008-
Carnegie Mellon University in Qatar

MARION OLIVER, Teaching Professor – Ph.D., Carnegie Mellon University; Carnegie Mellon, 2004–
TAE YONG PARK, Visiting Assistant Professor – Ph.D., Washington University in St. Louis; Carnegie Mellon, 2017–
SILVIA PESSOA, Associate Teaching Professor – Ph.D., Carnegie Mellon University; Carnegie Mellon, 2006–
DANIEL PHELPS, Program Director for Information Systems and Associate Teaching Professor – Ph.D., Florida State University; Carnegie Mellon, 2007–
SAQUIB RAZAK, Associate Teaching Professor – Ph.D., SUNY-Binghamton; Carnegie Mellon, 2008–
BENJAMIN REILLY, Teaching Professor – Ph.D., University of Pittsburgh; Carnegie Mellon, 2004–
GISSELLE REIS, Assistant Teaching Professor – Ph.D., Vienna University of Technology; Carnegie Mellon, 2016–
DUDLEY REYNOLDS, Teaching Professor – Ph.D., Indiana University-Bloomington; Carnegie Mellon, 2007–
RYAN RILEY, Associate Teaching Professor – Ph.D., University of Purdue; Carnegie Mellon, 2017–
GORDON RULE, Professor – Ph.D., Carnegie Mellon University; Carnegie Mellon, 1996–
VELI SAFAK, Assistant Teaching Professor – Ph.D., Georgetown University; Carnegie Mellon, 2019–
VARUN SHARMA, Assistant Teaching Professor – Ph.D., Bocconi University; Carnegie Mellon, 2019–
JEFFREY SQUIRES, Assistant Teaching Professor – Doctorate, University of Minnesota Twin-Cities; Carnegie Mellon, 2019–
MICHAEL TRICK, Harry B. and James H. Higgins Professor of Operations Research, and Dean of Carnegie Mellon University in Qatar – Ph.D., Georgia Institute of Technology; Carnegie Mellon, 2017–
SAVANID VATANASAKDUL, Associate Teaching Professor – Ph.D., University of South Wales; Carnegie Mellon, 2017–
ANNETTE SHOA VINCENT, Associate Dean, Diversity and Climate, Associate Teaching Professor – Ph.D., National University of Singapore; Carnegie Mellon, 2012–
PATRICK WALSH, Assistant Teaching Professor – Ph.D., Carnegie Mellon University; Carnegie Mellon, 2019–
GEORGE WHITE, Distinguished Career Professor – Ph.D., University of Oregon; Carnegie Mellon, 2007–
ZELEALEM YILMA, Assistant Teaching Professor – Ph.D., Carnegie Mellon University; Carnegie Mellon, 2014–
IHAB YOUNIS, Associate Teaching Professor – Ph.D., Ohio State University; Carnegie Mellon, 2015–
MOHAMED ZAYED, Associate Teaching Professor – D.Sc., ETH Zurich; Carnegie Mellon, 2017–