Why Join AUC’s Graduate Computer Science Program?

• AUC provides a quality professional education that advances the ideals of American liberal arts and lifelong learning. As freedom of academic expression is fundamental to this effort, AUC encourages the free exchange of ideas and promotes open and ongoing interaction with scholarly institutions throughout Egypt and other parts of the world.

• The University environment is designed to advance proficient use of the tools of learning as well as students’ thinking capabilities, language and personal skills.

• Students are trained by outstanding faculty members with PhD degrees from leading universities in the United States, Canada, Europe and Egypt.

• AUC has one of the best English-language libraries in the Middle East, equipped with state-of-the-art information access technologies.

• The campus includes up-to-date computer facilities and software, as well as well-equipped experimental laboratories in nearly every specialty.

• Students have access to a rich and diverse student life with a broad array of extracurricular activities.

• A new campus in New Cairo that is spacious, technologically advanced and environmentally sensitive offers world-class educational resources.

Program Catalog:
http://catalog.aucegypt.edu/preview_program.php

The Computer Science and Engineering Faculty
The Computer Science and Engineering Faculty consists of 14 full-time faculty members, eight of whom are tenured. The full-time faculty members are current and active in the discipline and have the necessary technical breadth and depth to support a modern computer engineering program. The full-time faculty members publish extensively and are internationally recognized and in the future can appropriate use of teaching and scholarly activity (100% of all full-time faculty have published peer-reviewed papers in reputable international scientific journals, conference proceedings and chapters in book over the past five years). The department has 14 full-time faculty members, eight of whom hold tenured appointments.

The Computer Science and Engineering Faculty

Full-Time Computer Science and Engineering Faculty

SHERIF ALY
Professor and Chair (2005); tenure
D.Sc. 2001, George Washington University, USA
Mobile and Pervasive Systems, Software Engineering and Programming Languages

MOHAMED SHALAN
Associate Professor and Associate Chair (2017), tenure
PhD 2000, University of California, USA
Computer Networks, modeling and simulation of computer networks and mobile computing systems, with emphasis on 5G and 6G, Internet of Things

ARMED RAFAEL
Professor, tenure
PhD 1984, Ain Shams University, Egypt

AMEL EL-KEZAZ
Professor (2017), tenure
PhD 2003, University of Missouri, USA
Computer Networks, Computer Engineering, Computer Networks and Computer Architecture

AMR GONEID
Professor (1990); tenure
PhD 1969, Ain Shams University, Egypt
Image Processing, Computer Networks, Computer Architecture and Embedded Computer Science

AWAD KHATIB
Professor (1997)
PhD 1984, University of Heidelberg, Germany
Computer Networks, Computer Engineering and Data Security

SHERIF EL-KASSASS
Professor (2002); tenure
PhD 1994, Eindhoven University, The Netherlands
Formal Methods in Software Engineering and Computer Security

MOHAMED HODUSAYA
Associate Professor (2001); tenure
PhD 1994, University of New York, USA
Human-computer and Information Technology, Pattern Recognition, Image and Video Processing, Image Understanding, Neural Networks and Genetic Algorithms

QURAN SARK
Professor (2017)
PhD 1976, Columbia University, USA
Computer Networks, Computer Engineering, Algorithms, Data Science and Social Impact

SHERIF EL-KASSAS
Professor (2000), tenure
PhD 1994, University of Southern California, USA
Formal Methods in Software Engineering and Computer Security

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The Computer Science and Engineering Faculty
The undergraduate program in computer engineering aims to produce graduates with a broad perspective in both software and hardware systems and their interfaces at the edge of technology; train societal context with an ability to understand and be sensitive to other cultures; motivate students to engage in life-long learning, develop an awareness of one or more of the following roles: ...