Students at MSA may choose a minor. Upon successful completion of the requirements of a minor, a student may choose another one. They will both appear on their transcript upon graduation. MSA also offers Student Exchange programs. Students may pursue postgraduate studies in the UK with the same requirements of Greenwich and Middlesex University graduates.

MSA faculties that are validated by the University of Greenwich

**Pharmacy**

The Faculty of Pharmacy aims at fulfilling a growing demand for graduates in the scientific and technological fields. Graduates are immediately registered in the Egyptian Syndicate of Pharmacy, and can start their careers after relevant professional experience. Graduates may be employed in multinational pharmaceutical companies, the new biotechnology companies, and drug discovery research centers. They will also have a good basis for further post-graduate training in a health professional area. Areas of potential recruitment also include, Clinical Pharmacy, Hospital Pharmacy, Drug Industry or Pharmaceutical Research.

**Engineering**

The Faculty of Engineering has the following departments:

Architectural Systems Engineering: architectural design, structural and building systems, as well as the development and creative application of information technology relevant to all fields and schools of architecture. Students specialize in one of the following two areas: Architecture & Interior Design and Architecture & Urban Design.

Industrial Systems Engineering: design, improvement and installation of integrated systems of materials, equipment, manpower and energy, as well as information technology. Students specialize in one of the following two areas: Engineering Manufacturing (Design Systems and Processing Systems) or Engineering Management (Operations Systems and Logistic Systems).
Electrical Communication & Electronics Systems Engineering: theory, design, implementation and applications of various communication and electronic devices and systems. Students specialize in one of the following two areas: Engineering Communication (Wireless Communication and Digital Systems) or Engineering Electronics (Industrial Electronics and Control Systems).

Computer Systems Engineering: the theory, design, implementation and applications of various devices and systems based related to computer software and hardware. Students can specialize in one of the following two areas: Intelligent Systems (Artificial Intelligence and Neural Networks) or Multimedia & Internet Computing (Web Design & Development and Image Processing).

Biotechnology

Biotechnology is the application of molecular and cellular processes to solve problems, conduct research, and create goods and services. There is a growing national and global demand for this field as biotechnology is included in almost every aspect of our daily lives: health and medicine, food and agriculture, the environment, business, and industry. The increase of new technologies is expanding employment opportunities in research, production, development and manufacturing. Graduates will have the scientific background and laboratory experience necessary for employment in the various fields of biotechnology including forensic science, medical, pharmaceutical, agricultural, environmental and industrial biotechnology. Additionally, there are opportunities in biotechnology policy development, regulation and monitoring, patent protection, public health and research.

MSA faculties that are validated by Middlesex University

Management

The Faculty of Management Sciences consists of four departments:
Accounting: for students who are interested in pursuing a career in finance and accounting, teaching them to think as accountants, auditors and financial analysts.
Economics: studies the understanding, analyzing, forecasting, and influencing economic development and policy-making at either a global level or at the level of individual markets and firms.
Management and Systems: develops the necessary knowledge and skills for students to be future analysts, designers, and programmers of systems.
Marketing and International Business: develops the ability to interpret, analyze, apply and implement knowledge to solve marketing problems across different types of firms, organizations, and industries, and succeed in a marketing profession such as designing, organizing, and evaluating marketing research assignments, defining marketing and management decision-making processes.

Mass Communications

The Faculty of Mass Communication offers three majors: Journalism, Advertising, and Public Relations, and Broadcasting. Advertising and Public Relations are offered as a minor to students
of other faculties. Students are trained to develop skills in: Studio Production (including digital camera operations, editing, scriptwriting, performance and electronic news production), Field Production (electronic field production and electronic news production), and Radio (radio production, reporting, editing, scriptwriting, and recording). Graduates can find career options in competitive fields, including advertising, book editing/publishing, freelance writing. Career opportunities are available in the media, film industry, public education, arts and leisure management, journalism and areas of interactive media technology.

**Computer Science**

The Faculty of Computer Science provides a learning opportunity for students who want to specialize in a wide variety of areas of the computer science and information technology fields. Graduates will acquire skills in designing, implementing and maintaining computer and communication systems, using their hardware, software and system design skills. Careers in emerging technology industries include information technology and telecommunication industries.

**Other MSA faculties**

**Dentistry**

Dental students are prepared to be expert clinicians with adequate biomedical knowledge, and students are given a certificate at the end of their study from the Supreme Council of Universities equivalent to BDS degrees offered by Governmental Universities. This allows Egyptian graduates to register with the Egyptian Dental Syndicate and to receive the license to practice dentistry from the Ministry of Health. The MSA BDS degree is also internationally recognized by both Egyptian and foreign universities allowing graduates to register for postgraduate education or to practice in other countries upon the fulfillment of other requirements that may be set by each individual country.

**Languages**

Courses offer a deep understanding of the cultural, artistic and literary directions that have shaped the intellectual world of today, while creating a strong awareness of the Arabic heritage. In the last year of their studies, students choose one of three sequences that are strongly in demand today. Translation offers extensive training in written, consecutive and simultaneous translation. Graduates will be fully qualified and capable of handling the transfer of knowledge and information from one language to another and producing high quality translations in various forms through their mastery of English and Arabic, two of the most widely used languages in the world. Basic Executive Skills specialization aims at offering extensive training in computer and managerial skills. Graduates will have a good grasp of modern theories of management and modern information systems. This will enable them to play an important role in the business sector as qualified and highly skilled candidates with their strong bilingual knowledge. Teaching English as a Foreign Language is for students who want to pursue a teaching career. Besides teaching methodology, students are also trained in the latest methods of testing and evaluation.
**Arts and Design**

The Faculty of Arts and Design is new at MSA, offering a new concept in Arts and Design education based on job market demand for creativity in various fields such as product and packaging designs in a wide range of industries. Of special importance to the Egyptian economy is the role of these graduates in fashion, clothing, furniture, and consumer goods industries which are expanding for local, regional and international markets. The following 6 majors are offered:

- **Graphics and Media Arts**: with career opportunities including Advertising Editor, Digital Color and Imaging Specialist, Graphic Designer, Publishing Design and Production, Website Designer, Corporate Communications Specialist, Graphic Artist, Interactive Designer, and Publication Development.
- **Fashion Design**: with career opportunities including Apparel Buyer, Fashion Illustrator, Patternmaker, Clothing Production Assistant, Merchandiser, Designer, Fashion Stylist, Retail Store Manager, and Fashion Trainer.
- **Cinema and Theater Set and Production Design**: which includes careers as Lighting and Set Manager, Scene Designer, Stage Designer, Special Effects Director, Screen Writing, and Stage Manager.
- **Interior Design**: with career opportunities that include Interior Designer, Interior Decorator, Set Designer, Space Planner, and Retail Store Designer.
- **Product Design**: with careers opportunities in industrial design, model making, ergonomics (the study of how a workplace and the equipment used there can best be designed for comfort, efficiency, safety, and productivity), product design management, product design innovation, product design manufacturing, and product design technology.
- **Landscaping**: with career opportunities that include greenhouse manager, landscape designer, open area space designer, and in planning or design firms.