

Nile University's Microelectronics System Design program focuses on state-of-the-art Integrated Circuit (IC) design and design methodologies. A particular emphasis is placed on design flow, system-level issues, and Electronic Design Automation (EDA) tools, including modeling, synthesis, and simulation at various levels of abstraction. The program of study should naturally lead into hot areas of research as well as practical development work, whether the students choose the "thesis option" of the program (M.Sc.), or through course projects, if they take the "course-based option" (M.Eng.). Both options include an offering of core courses, specialized electives, and several business and management courses. At the end of the 2-year program, students will have gone through the whole design cycle from concept all the way down to verification, or tape-out. They will acquire hands-on experience in the design of microelectronics circuits and systems, coupled with a foundation in entrepreneurship and management that would enable them to make an immediate impact in the marketplace.

Graduates will have had extensive hands-on design experience, and will be prepared to make an immediate contribution to microelectronic designs in companies specializing in the design of integrated circuits and systems, as well as companies developing EDA tools. Additionally, graduates will be able to make business decisions which will complement their technical expertise, and empower them to be agents of growth in the Microelectronics design industry in Egypt.

ABOUT NU

Nile University (NU) is a world class research institution of learning committed to excellence in education and research. NU was officially inaugurated in January 2007. Nile University is a national (Ahleya), non-governmental and non-profit university and a leader in technology and business education in Egypt and centers are designed to address critical areas of vital importance to the economic growth and prosperity of the people of Egypt and the region and to engage in cutting edge research.

MSD GRADUATES



ADMISSION REQUIREMENTS

- Hold a university degree in a technology related discipline.
- Earned a minimum grade of (Good), GPA of 3.0 in bachelor's degree program.
- To review admission regulation, visit [Admission Website](#). To apply send a filled application, CV and a personal statement to admission@nu.edu.eg.
- You are not required to take the English exam before you apply. If accepted, you can take the exam any time before the end of September 2016.

Please Note That

All NU masters' degrees are accredited by the supreme council of universities.

