



**Alliance**  
International University



### **Program listings under the international program**

For degree study areas not listed and subjects not listed students are requested to contact the International Program Director for available subjects and alternative study areas [admin@aiuglobal.com](mailto:admin@aiuglobal.com)

## **School of Technology and Applied Sciences**

### **Computer Systems Engineering**

#### **Master of Science or Master of Engineering**

Master of Science degree is an academic degree and requires the completion of a thesis as part of the degree program. Master of engineering is a professional degree and requires only coursework completion.

The program is either researched based with the completion of a comprehensive and extensive thesis or a combination of coursework and a thesis based on a particular topic of the student's choice and can also be only coursework based. For more information kindly contact the International program Director.

For study areas or subjects not listed kindly contact the International Program Director.

#### **First year**

Compulsory Course Section, Advanced Mathematics, Advanced Modern Control, Simulation of Industrial Processes and Control, Mechatronics, Electronic Devices and Process Simulation, Control System Technology and Automation, Cellular Mobile Radio Systems, Advanced Computer Architecture Design, Advanced Digital Logic Design, Synthesis and Optimization of Digital Circuits, Reliability Engineering, Probability and Statistics for Engineers, Digital Control Systems, Computer Engineering Research Topic (subject choice)

#### **Second year**

Advanced Computer Architecture Design, Advanced Digital Logic Design, Synthesis and Optimization of Digital Circuits, Reliability Engineering, Probability and Statistics for Engineers, Digital Control Systems, Computer Engineering Research Topic (subject choice)