



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

School of Technology and Applied Sciences

Electrical Engineering

Bachelor of Sc or Bachelor of Engineering

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

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

First year

English I, English II, Literature of the Western World, Logical Reasoning, Engineering Chemistry, Calculus I, Calculus II, Matlab, Mechanics, Engineering Physics,

Second year

Engineering Drawing, Strength of Materials, Electrotechnics, Systems and Signals I (Signal System Basics), Systems and Signals II (Frequency Systems), Systems and Signals III (Signal Theory), Systems and Signals IV (Signal Processing), Digital Systems, Computer Programming (Programming in C & C++), Engineering Materials (Electrical),

Third Year

Electronics I, Electronics II, Electronics III, Power Systems Design, Electrical Machines, High Voltage Engineering, Computer Systems, Control Systems, Electromagnetics, Digital Communications

Fourth Year

Electronic Design, Power Electronic, Control Engineering, Antenna Engineering, Optical Fiber Technology, Radio Waves Communications, Power System Analysis, Microwave Techniques, Engineering Management, Engineering Economics