



**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**

#### **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, Logical Reasoning, College Mathematics, Computer Mathematics, Applied Science, Chemistry, Discrete Mathematics, Data Structures,

#### **Second year**

Principles of Management , Business Management, Electronics Technology, Information Technology, Computer Graphics, Digital Systems, Databases and System Analysis, Computer Technology, Software Engineering, Programming Principles,

#### **Third Year**

Numerical Analysis, Operating Systems, Visual Basic, Programming in C++, Artificial Intelligence, Computer Networks, Professional Practice, Telecommunication Systems, Advanced Programming, Web System Programming, Multimedia,

#### **Fourth Year**

Advanced Computer Networks, Systems Engineering, Digital Signal Processing, System Testing and Evaluation, System Testing and Evaluation, Java Programming, Telecommunication Systems,