Bachelor of Science in Computer Engineering

First Year – First Semester

Algebra and Trigonometry	4 units
Calculus 1	3 units
General Chemistry	4 units
Computer Engineering as Discipline	3 units
Programming Logic and Design	1 unit
Heuristics	3 units
First Aid	3 units

First Year – Second Semester

Calculus 2	3 units
Physics 1	4 units
Object Oriented Programming	2 units
Engineering Data Analysis	3 units
Analytic Geometry	3 units
Computer Programming 1 (VB.NET)	3 units
English 1	3 units

Second Year – First Semester

Differential Equations	3 units
Data Structures and Algorithm	3 units
Engineering Economy	3 units
Fundamental of Electrical Circuits	4 units
Computer Programming 2 (C#.NET)	3 units
English 2	3 units
Art Appreciation (Guitar Music)	3 units

Second Year – Second Semester

Numerical Methods	3 units
Software Design	4 units
Fundamentals of Electronic Circuits	4 units
Computer Aided Drafting	1 units
English 3	3 units
Filipino 1	3 units
Art Appreciation (Movies)	3 units

Third Year – First Semester

Digital Design: Logic Circuit and Switching Theory	4 units
Operating Systems	3 units
Data and Digital Communications	3 units
CodeBase Electronics: One	4 units
English 4	3 units
Filipino 2	3 units

Third Year – Second Semester

Basic Occupational Health and Safety	3 units
Computer Networks and Security	4 units
Microprocessors	4 units
Methods of Research	2 units
Ethics	3 units
Coe Laws and Professional Practice	2 units
Filipino 3	3 units

Fourth Year – First Semester

Embedded Systems	4 units
Computer Architecture and Algorithm	4 units
Emerging Technologies at COE	3 units
Programming with C/C++	3 units
Web Technologies (HTML5/CSS3)	3 units
On the Job Training 1 (OJT)	3 units
Filipino 3	4 units

Fourth Year – Second Semester

Databases	3 units
Networking	3 units
Seminars and Workshop	1 units
On the Job Training 2 (OJT)	3 units

Total Units	**160 units**

FASCILITIES AND TECHNOLOGIES

University of Naga is known for its Engineering lifelike structure and methods that empowers students to be prepared for their future job and qualifications. The University also became popular for its years of inventions for CodeBase Electronics (CB).

WHAT IS CODEBASE ELECTRONICS?

CodeBase Electronics lets you design projects easily and can be understand by anyone. It focuses on computer interfaces to basic electronics that can create circuitry in a vast way even in advance. It is the analogy to understand binary systems (1 or 0).

SOFTWARES

WinBubble (Customized and Tweak Windows Easily), Windows Registry
Scour (Fastest and True Search Engine), VB.NET and Fastest Algorithm
Desktop Cities (upgrade to Windows OS), VB.NET or C#.NET
Lawrence Spreadsheet Technology, VB.NET or C#.NET
Notepad Coder, VB.NET or C#.NET
Complete CAD, VB.NET or C#.NET
Client-Server Technology

HARDWARE

Switched mode Power Supply, Battery charger with auto-stop diode, Emergency Lighting, No Power Alarm Zero, Remote I/O Technology, No Power Alarm Logger, Power Line Monitoring Systems (PLMS), Computerized Water Level Monitoring, Fuse Monitoring, Battery Monitoring, Solar Monitoring, Computerized Temperature Logger Detection and Train Logger

---

Website: http://nagauniversity.net
Email: ciprahkapa@gmail.com