Bachelor of Science in Information Technology (BSIT)

First Year – First Semester

Introduction to Computing	3 units
Computer Programming 1 (Vb.Net)	3 units
Heuristics	3 units
Algebra	3 units
Calculus 1	3 units
English 1	3 units
First Aid	3 units

First Year – Second Semester

Computer Programming 2 (C#.NET)	3 units
Data Structures and Algorithm	3 units
Trigonometry	3 units
Information Management	3 units
Applications Development and Emerging Technologies	3 units
English 2	3 units
Filipino 1	3 units

Second Year – First Semester

Computer Organization	3 units
Object Oriented Programming	3 units
Discrete Structures 1	3 units
Accounting Principles	3 units
Calculus 2	3 units
English 3	3 units
Filipino 2	3 units

Second Year – Second Semester

Fundamentals of Database Systems	3 units
Database Management Systems 1	3 units
Operating System Applications	3 units
Network Management	3 units
Probability and Statistics	3 units
Introduction to Human Computer Interaction	3 units
English 4	3 units

Third Year – First Semester

Web Development (HTML5/CSS3)	3 units
System Analysis and Design	3 units
Database Management Systems 2	3 units
Programming with C/C++	3 units
Integrative Programming and Technologies 1	3 units
Information Assurance and Security 1	3 units
Filipino 3	3 units

Third Year – Second Semester

Software Engineering	3 units
Multimedia Systems	3 units
Discrete Mathematics	3 units
Information Assurance and Security 2	3 units
Filipino 4	3 units
On the Job Training 1 (OJT)	3 units

Fourth Year – First Semester

Quantitative Methods (incl. Modeling & Simulation)	3 units
Networking 1	3 units
Integrative Programming and Technologies 2	3 units
Professional Ethics	3 units
Web Systems and Technologies	3 units
Capstone Project and Research 1	3 units
On the Job Training 2 (OJT)	3 units

Fourth Year – Second Semester

Networking 2	3 units
Systems Administration and Maintenance	3 units
Object-Oriented Programming	3 units
Capstone Project and Research 2	3 units

Total Units	**156 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

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