Bachelor of Science in Computer Science (BSCS)

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

Object Oriented Programming	3 units
Design and Analysis of Algorithm	3 units
Discrete Structures 1	3 units
Algorithm and Complexity	3 units
Calculus 2	3 units
English 3	3 units
Filipino 2	3 units

Second Year – Second Semester

Database Systems	3 units
Programming Languages	3 units
Automata Theory and Formal Languages	3 units
Digital Design: Logic Circuit and Switching Theory	3 units
Probability and Statistics	3 units
Discrete Structures 2	3 units
English 4	3 units

Third Year – First Semester

Web Programming (HTML5/CSS3)	3 units
Modeling and Simulation	3 units

Programming with C/C++	3 units
Architecture and Organization	3 units
Information Assurance and Security	3 units
Human Computer Interaction	3 units
Filipino 3	3 units

Third Year – Second Semester

Software Engineering 1	3 units
Operating Systems	3 units
Networks and Communications	3 units
Programming Languages	3 units
Filipino 4	3 units
On the Job Training 1 (OJT)	3 units

Fourth Year – First Semester

Software Engineering 2	3 units
CS Thesis Writing 1	3 units
Network Principles and Programming	3 units
Professional Ethics	3 units
Computational Science	3 units
On the Job Training 2 (OJT)	3 units

Fourth Year – Second Semester

Social Issues and Professional Practice	3 units
CS Thesis Writing 2	3 units
Graphics and Visual Computing	3 units
Parallel and Distributed Computing	3 units
Intelligent Systems	3 units
System Fundamentals	3 units

Total Units	**159 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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