



# University of Naga

Online and Offline

## 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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