Bachelor of Science in Civil Engineering

First Year – First Semester

Algebra and Trigonometry	3 units
Calculus 1	3 units
General Chemistry	4 units
The Computer	3 units
Heuristics	3 units
English 1	3 units
First Aid	3 units

First Year – Second Semester

Calculus 2	3 units
Analytic Geometry	3 units
Physics 1	4 units
Computer Aided Drawing	3 units
Computer Programming 1 (VB.NET)	2 units
English 2	3 units
Filipino 1	3 units

Second Year – First Semester

Differential Equations	3 units
Statics of Rigid Bodies	3 units
Fundamentals of Surveying	4 units
Engineering Economy	3 units
Engineering Management	3 units
Computer Programming 2 (C#.NET)	2 units
Physics 2	4 units

Second Year – Second Semester

Engineering Data Analysis	3 units
Geology for Civil Engineers	2 units
Dynamics of Rigid Bodies	3 units
Mechanics of Deformable Bodies	3 units
Construction Materials and Testing	3 units
Art Appreciation (Guitar Music)	3 units
English 3	3 units

Third Year – First Semester

Structural Theory	4 units
Highway and Railroad Engineering	3 units
Engineering Utilities 1	3 units
Engineering Utilities 2	3 units
Numerical Solutions to CE Problems	3 units
Ethics	3 units
English 4	3 units

Third Year – Second Semester

Building System Design	3 units
Principles of Steel Design	3 units
Principles of Reinforced/Prestressed Concrete	4 units
Hydrology	3 units
Hydraulics	5 units
CE Law, Ethics and Contracts	2 units
Filipino 2	3 units

Fourth Year – First Semester

Geotechnical Engineering 1 (Soil Mechanics)	4 units
Principles of Transportation Engineering	3 units
CE Project 1	2 units
Construction Methods and Project Management	3 units
Filipino 3	3 units
On the Job Training 1 (OJT)	3 units

Fourth Year – Second Semester

Quantity Surveying	3 units
CE Project 2	2 units
Geotechnical Engineering 2 (Soil Mechanics)	4 units
Filipino 4	3 units
On the Job Training 2 (OJT)	3 units

Total Units	**163 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 (Customize 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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