

# Program Structure

Course Title	Credit Hour
<b>Semester 1</b>	
Computer Related Mathematics	3
Principles of Computer & IT	3
Principles of Management	2
Human Organizations	3
Introduction to Economics	2
Arabic Language I	2
English Language I	2
Religious Studies I	2
Sudanese Studies	2
<b>Semester 2</b>	
Basic Mathematics	3
Introduction to Programming C	3
Public Administration	3

Course Title	Credit Hour
Introduction to Statistics	2
Organizational Behavior	3
Arabic Language II	2
English Language II	2
Religious Studies II	2
<b>Semester 3</b>	
Microeconomics	3
Computerized Accounting	3
Arabic Language III	2
English Language III	2
Religious Studies III	2
Communication Skills	2
Database Systems	3
Internet Technology & Web Design I	2
Statistical Inference	2
<b>Semester 4</b>	
Macroeconomics	3

Course Title	Credit Hour
Visual Basic Programming	3
Quantitative Methods	2
Internet Technology & Web Design II	2
Introduction to Data Structure	2
Systems Analysis & Design I	3
<b>Semester 5</b>	
System Analysis & Design II	3
Financial Management	3
Marketing Management	3
Human Resources Management	3
Numerical Computing	2
Linear Algebra	2
Analysis & Design of Algorithms	3
Research Methodology	2
Final project I	3
<b>Semester 6</b>	
Final project I	3

Course Title	Credit Hour
Economic Forecasting & Modeling	2
Data Communication and Network	3
Environmental Studies	2
Operation Research	3
Fourth Generation Tools for Databases	3
Total Credit Hour 117	