

## Bachelor of Science in Applied Statistics

### The Program Structure:

Course Code	BS: First Semester Courses	Credit
STA 101	Communication Skills	2
STA 102	Descriptive Statistics	3
STA 103	Problem Analysis and Statistics	3
STA 104	Computer Fundamentals and Application	2
STA 105	Statistical Methodology	5
STA106	Calculus	5
TOTAL CREDITS		20
Course Code	BS: <b>Second</b> Semester Courses	Credit
STA 111	Probability and Statistics	2
STA 112	Statistical Physics	3
STA 113	Parametric Statistics	3
STA 114	Development Studies	2
STA 115	Statistics	5
STA 116	Statistics for Economics Analysis	5
TOTAL CREDITS		20
Course Code	BS: <b>Third</b> Semester Courses	Credit
STA 201	Principle of Economy	2
STA 202	Problem and Variables	3
STA 203	Development Economics	3
STA 204	Macro-Economics	2
STA 205	Principles of Accounting	5
STA 206	Data Structure	5
TOTAL CREDITS		20
Course Code	BS: <b>Fourth</b> Semester Courses	Credit
STA 211	Micro-Economics	2
STA 212	International Social Statistics	3
STA 213	Economic Decision Analysis	3
STA 214	Economics of Industry	2
STA 215	Theory of Computations	5
STA 216	Elementary	5
TOTAL CREDITS		20
Course Code	BS: <b>Fifth</b> Semester Courses	Credit
STA 301	Industrial Sociology	2
STA 302	Agricultural Marketing	3
STA 303	Computer Analysis of Data	3
STA 304	Computer Programming	2
STA 305	Concepts and Process of Editing	5
STA 306	Differential Equation	5
TOTAL CREDITS		20
Course Code	BS: <b>Sixth</b> Semester Courses	Credit
STA 311	Mathematical Methods	2
STA 312	Linear Algebra and Geometry	3
STA 313	Econometrics	3
STA 314	Monitoring and Evaluation	2
STA 315	Bachelor Thesis	10
TOTAL CREDITS		20