

## Bachelor of Science in Applied Statistics

### The Program Structure:

Course Code	BS: First Semester Courses	Credit
STA 101	Communication Skills	5
STA 102	Descriptive Statistics	5
STA 103	Problem Analysis and Statistics	5
STA 104	Computer Fundamentals and Application	5
STA 105	Statistical Methodology	5
STA106	Calculus	5
<b>TOTAL CREDITS</b>		<b>30</b>
Course Code	BS: <b>Second</b> Semester Courses	Credit
STA 111	Probability and Statistics	5
STA 112	Statistical Physics	5
STA 113	Parametric Statistics	5
STA 114	Development Studies	5
STA 115	Statistics	5
STA 116	Statistics for Economics Analysis	5
<b>TOTAL CREDITS</b>		<b>30</b>
Course Code	BS: <b>Third</b> Semester Courses	Credit
STA 201	Principle of Economy	5
STA 202	Problem and Variables	5
STA 203	Development Economics	5
STA 204	Macro-Economics	5
STA 205	Principles of Accounting	5
STA 206	Data Structure	5
<b>TOTAL CREDITS</b>		<b>30</b>
Course Code	BS: <b>Fourth</b> Semester Courses	Credit
STA 211	Micro-Economics	5
STA 212	International Social Statistics	5
STA 213	Economic Decision Analysis	5
STA 214	Economics of Industry	5
STA 215	Theory of Computations	5
STA 216	Elementary	5
<b>TOTAL CREDITS</b>		<b>30</b>
Course Code	BS: <b>Fifth</b> Semester Courses	Credit
STA 301	Industrial Sociology	5
STA 302	Agricultural Marketing	5
STA 303	Computer Analysis of Data	5
STA 304	Computer Programming	5
STA 305	Concepts and Process of Editing	5
STA 306	Differential Equation	5
<b>TOTAL CREDITS</b>		<b>30</b>
Course Code	BS: <b>Sixth</b> Semester Courses	Credit
STA 311	Mathematical Methods	5
STA 312	Linear Algebra and Geometry	5
STA 313	Econometrics	5
STA 314	Monitoring and Evaluation	5
STA 315	Bachelor Thesis	10
<b>TOTAL CREDITS</b>		<b>30</b>