

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 CREDIT	r s 20
Course Code	BS: Second 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 CREDIT	rs 20
Course Code	BS: Third 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 CREDIT	s 20
Course Code	BS: Fourth Semester Courses	Credit
CT4 011	Misus Feenewsies	
STA 211	Micro-Economics	2
STA 211 STA 212	International Social Statistics	2 3
STA 212	International Social Statistics	3
STA 212 STA 213	International Social Statistics Economic Decision Analysis	3 3
STA 212 STA 213 STA 214	International Social Statistics Economic Decision Analysis Economics of Industry	3 3 2
STA 212 STA 213 STA 214 STA 215	International Social Statistics Economic Decision Analysis Economics of Industry Theory of Computations	3 3 2 5 5
STA 212 STA 213 STA 214 STA 215	International Social Statistics Economic Decision Analysis Economics of Industry Theory of Computations Elementary	3 3 2 5 5
STA 212 STA 213 STA 214 STA 215 STA 216	International Social Statistics Economic Decision Analysis Economics of Industry Theory of Computations Elementary TOTAL CREDIT	3 3 2 5 5 5
STA 212 STA 213 STA 214 STA 215 STA 216	International Social Statistics Economic Decision Analysis Economics of Industry Theory of Computations Elementary TOTAL CREDIT BS: Fifth Semester Courses	3 3 2 5 5 5 7 5 Credit
STA 212 STA 213 STA 214 STA 215 STA 216 Course Code STA 301	International Social Statistics Economic Decision Analysis Economics of Industry Theory of Computations Elementary TOTAL CREDIT BS: Fifth Semester Courses Industrial Sociology	3 3 2 5 5 5 7 5 Credit
STA 212 STA 213 STA 214 STA 215 STA 216 Course Code STA 301 STA 302	International Social Statistics Economic Decision Analysis Economics of Industry Theory of Computations Elementary TOTAL CREDIT BS: Fifth Semester Courses Industrial Sociology Agricultural Marketing	3 3 2 5 5 5 Credit 2 3 3 2
STA 212 STA 213 STA 214 STA 215 STA 216 Course Code STA 301 STA 302 STA 303	International Social Statistics Economic Decision Analysis Economics of Industry Theory of Computations Elementary TOTAL CREDIT BS: Fifth Semester Courses Industrial Sociology Agricultural Marketing Computer Analysis of Data	3 3 2 5 5 5 Credit 2 3 3 2 5 5 5
STA 212 STA 213 STA 214 STA 215 STA 216 Course Code STA 301 STA 302 STA 303 STA 304	International Social Statistics Economic Decision Analysis Economics of Industry Theory of Computations Elementary TOTAL CREDIT BS: Fifth Semester Courses Industrial Sociology Agricultural Marketing Computer Analysis of Data Computer Programming	3 3 2 5 5 5 Credit 2 3 3 2
STA 212 STA 213 STA 214 STA 215 STA 216 Course Code STA 301 STA 302 STA 303 STA 304 STA 305	International Social Statistics Economic Decision Analysis Economics of Industry Theory of Computations Elementary TOTAL CREDIT BS: Fifth Semester Courses Industrial Sociology Agricultural Marketing Computer Analysis of Data Computer Programming Concepts and Process of Editing	3 3 2 5 5 5 Credit 2 3 3 2 5 5 5
STA 212 STA 213 STA 214 STA 215 STA 216 Course Code STA 301 STA 302 STA 303 STA 304 STA 305	International Social Statistics Economic Decision Analysis Economics of Industry Theory of Computations Elementary TOTAL CREDIT BS: Fifth Semester Courses Industrial Sociology Agricultural Marketing Computer Analysis of Data Computer Programming Concepts and Process of Editing Differential Equation	3 3 2 5 5 5 Credit 2 3 3 2 5 5 5
STA 212 STA 213 STA 214 STA 215 STA 216 Course Code STA 301 STA 302 STA 303 STA 304 STA 305 STA 306	International Social Statistics Economic Decision Analysis Economics of Industry Theory of Computations Elementary TOTAL CREDIT BS: Fifth Semester Courses Industrial Sociology Agricultural Marketing Computer Analysis of Data Computer Programming Concepts and Process of Editing Differential Equation	3 3 2 5 5 5 7 8 20 Credit 2 3 3 2 5 5 5 7 8 20
STA 212 STA 213 STA 214 STA 215 STA 216 Course Code STA 301 STA 302 STA 303 STA 304 STA 305 STA 306 Course Code	International Social Statistics Economic Decision Analysis Economics of Industry Theory of Computations Elementary TOTAL CREDIT BS: Fifth Semester Courses Industrial Sociology Agricultural Marketing Computer Analysis of Data Computer Programming Concepts and Process of Editing Differential Equation TOTAL CREDIT BS: Sixth Semester Courses	3 3 2 5 5 5 7 Credit 2 3 3 2 5 5 5 7 Credit 2 7 Credit 2 7 Credit 2 7 Credit
STA 212 STA 213 STA 214 STA 215 STA 216 Course Code STA 301 STA 302 STA 303 STA 304 STA 305 STA 306 Course Code STA 311	International Social Statistics Economic Decision Analysis Economics of Industry Theory of Computations Elementary TOTAL CREDIT BS: Fifth Semester Courses Industrial Sociology Agricultural Marketing Computer Analysis of Data Computer Programming Concepts and Process of Editing Differential Equation TOTAL CREDIT BS: Sixth Semester Courses Mathematical Methods	3 3 2 5 5 5 7 Credit 2 3 3 2 5 5 5 7 Credit 2 7 Credit 2 7 Credit 2
STA 212 STA 213 STA 214 STA 215 STA 216 Course Code STA 301 STA 302 STA 303 STA 304 STA 305 STA 306 Course Code STA 311 STA 312 STA 313 STA 314	International Social Statistics Economic Decision Analysis Economics of Industry Theory of Computations Elementary TOTAL CREDIT BS: Fifth Semester Courses Industrial Sociology Agricultural Marketing Computer Analysis of Data Computer Programming Concepts and Process of Editing Differential Equation TOTAL CREDIT BS: Sixth Semester Courses Mathematical Methods Linear Algebra and Geometry	3 3 2 5 5 5 7 8 20 Credit 2 3 3 2 5 5 7 Credit 2 3 3 3 2 5 3 3 2 5 3 3 2 5 3 3 3 2 5 3 3 3 3
STA 212 STA 213 STA 214 STA 215 STA 216 Course Code STA 301 STA 302 STA 303 STA 304 STA 305 STA 306 Course Code STA 311 STA 312 STA 313	International Social Statistics Economic Decision Analysis Economics of Industry Theory of Computations Elementary TOTAL CREDIT BS: Fifth Semester Courses Industrial Sociology Agricultural Marketing Computer Analysis of Data Computer Programming Concepts and Process of Editing Differential Equation TOTAL CREDIT BS: Sixth Semester Courses Mathematical Methods Linear Algebra and Geometry Econometrics	3 3 2 5 5 5 7 8 20 Credit 2 3 3 2 5 5 7 8 20 Credit 2 3 3 3 3 2 5 3 3 3 3 3 3 3 3 3 3 3 3 3
STA 212 STA 213 STA 214 STA 215 STA 216 Course Code STA 301 STA 302 STA 303 STA 304 STA 305 STA 306 Course Code STA 311 STA 312 STA 313 STA 314	International Social Statistics Economic Decision Analysis Economics of Industry Theory of Computations Elementary TOTAL CREDIT BS: Fifth Semester Courses Industrial Sociology Agricultural Marketing Computer Analysis of Data Computer Programming Concepts and Process of Editing Differential Equation TOTAL CREDIT BS: Sixth Semester Courses Mathematical Methods Linear Algebra and Geometry Econometrics Monitoring and Evaluation	3 3 2 5 5 5 7 8 20 Credit 2 3 3 2 5 5 7 8 20 Credit 2 3 3 2 10