(Graduate program)

Course		Credits	Hours	1st year				2nd yea				Course Code
				Fall		Spring		Fall		Spring		
				class	lab	class	lab	class	lab	class	lab	
Core Required Courses	Applied English I	2	2	2								01601
	Applied English II	2	2			2						01602
	Subtotal	4	4									
Professional Required Courses	Statistical Methods and Data Analysis	3	3	3								95501
	Structured and unstructured data processing	3	3	3								95502
	Data exploration practice	3	3			3						95503
	Statistical Consulting	1	1							1		95636
	Seminar-1	2	2			2						95504
	Seminar-2	2	2					2				95601
	Subtotal	14	14									
Professional Elective Courses	Big Data Analysis Practice	3	3			3						
	Text data mining practice	3	3			3						
	Survey Design and Analysis	3	3	3								95531
	Design and Analysis of Experiments	3	3	3								95532
	Special Topics in Nonparametric Statistics	3	3	3								95533
	Regression Analysis Research	3	3	3								95534
	Actuarial Mathematics	3	3	3								95535
	Statistical Biology	3	3	3								95536

(Graduate program)

Category	Course							
	Categorical Data Analysis	3	3		3			95541
	Multivariate Data Analysis	3	3		3			95542
Professional Elective Courses	Advanced Design and Analysis of	3	3		3			95543
	Special Topics in Time Series	3	3		3			95544
	Marketing Research	3	3		3			95545
	Statistical	3	3		3			95546
	Survival Analysis	3	3			3		95631
	Special Topics in	3	3			3		95632
	Special Topics in Operations Research	3	3			3		95633
	Practices of Marketing Survey	3	3			3		95634
	Stochastic Process	3	3			3		95635
	Applied Structural Equation Model	3	3			3		95645
	Data Mining	3	3				3	95641
	Reliability Analysis	3	3				3	95642
	Applications	2	2				2	
	Temporal statistical	3	3	3				
	Health Information	3	3	3				
	Cloud distributed programming	3	3				3	
Grand Total	Required Courses	18						
	The Minimum Credits Required for Elective Professional Courses	18						
	Total	36						