Teaching Program for Economic Statistics
(2015)

1. Training Goal: This professional course cultivates applied talents, who master statistical professional knowledge well and can be competent the work in a company or public institutions in areas including data collection, data mining, economic projection, quantitative analysis, analysis and management of statistical data.

2. School Year: 4 years full-time

3. Degree Awarded: Bachelor of Economics

4. Credit Requirements: Students should get 155 points including 50 points for general compulsory course,9 points for general elective course, 49 points for discipline basic course,30 points for professional required course,8 points for Specialized direction Courses,9 points for applied practice course；At the same time, student should get 10 points of Outward bound, and learn the "Health Education of undergraduates".

5.Requirements for Students from Hong Kong, Macao and Taiwan

According to the Education Department of Guangdong Province, the students from Hong Kong, Macao and Taiwan need not take courses from the sections of "Education of National Defense" and "Theory of Ideology and Politics". The students should strictly follow the teaching program, taking courses in the other sections.

6. Requirements for Overseas Students

According to the Ministry of Education an Education Department of Guangdong Province, overseas students need not take courses from the section "Education of National Defense". Oversea students of economic disciplines should take courses of political theory, while the students of

other disciplines could apply to be excused from it. The oversea students who receive education with record of formal schooling should take courses "Chinese" and "A Survey of China". Other courses should be taken strictly according to the teaching program.

7. Teaching Schedule

Table 1: The Reference Table of Economic Statistics to Earn Credits

Course Type	Course Nature	Due Credit	Due Credits for Each Term								Total
			1	2	3	4	5	6	7	8	
Public Courses	compulsory	50	14.5	8	11	5	7	4.5	0	0	50
	Limit	9	0	1	1	1	2	2	2	0	9
Discipline-Based Courses	compulsory	49	7	13	13	13	3	0	0	0	49
Specialized Courses	compulsory	30	1	0	0	2	15	7	5	0	30
	Limit	8	0	2	0	0	2	2	2	0	8
Comprehensive Application Courses	compulsory	9	0	1	0	1	0	2	0	5	11
Total		155	22.5	25	26	24	26	17.5	9	5	155

Table 2: The Teaching Program Schedule of Economic Statistics

Course Category	Course Nature	Course Type	Course Identifier	Course Name	Credit	Weeks for Studying	Total Credit	Allocation of Hours			Allocation of Each Term by Weeks								Way of Assessment
								Lecturing	Experiment	Practice	1 (15)	2 (16)	3 (16)	4 (16)	5 (16)	6 (16)	7 (16)	8 (15)	
Public Courses	Compulsory	EOND	140471	Military Theory (military training included)	1.0	15	15	15	0	0	1								☆
		TOIAP	140193	Fundamental Principles of Marxism	3.0	15	45	30	0	15	3								★
			140464	Moral Integrity and Fundamentals of Law	4.0	16	64	48	0	16		4							★
			140222	An Outline of Chinese Modern History	2.0	16	32	32	0	0				2					★

			Code	Course	Credits	Weeks	Total	Lecture	Experiment	Practice	1	2	3	4	5	6	7	8	
	★			140473	Introduction to Mao Zedong Thoughts and Socialist Theoretical System With Chinese Characteristics I	3.0	16	48	32	0	16				3					★
	★			140483	Introduction to Mao Zedong Thoughts and Socialist Theoretical System With Chinese Characteristics II	3.0	16	48	32	0	16					3				★
	☆			140242	Situation ad Policy	2.0	16	32	32	0	0						2			☆
	★		Language and Skills I	121542	College Chinese	2.0	15	30	30	0	0	2								★
	★			119612	Foundation of Computer	2.0	15	30	8	22	0		2							★
	★			121552	Applied Writing	2.0	16	32	32	0	0			2						★
	★		Language and Skills I I	090834	College English IIIa	4.0	15	60	60	0	0	4								★
	★			090864	College English IIb	4.0	15	60	60	0	0	4								★

			Code	Course	Credit	Weeks	Total	Lecture			S1	S2	S3	S4	S5	S6			Mark
	★		090844	College English IVa	4.0	16	64	64	0	0		4							★
			090874	College English IIIb	4.0	16	64	64	0	0		4							★
		Education of Health	400015	Career Development & Planning	0.5	8	8	8	0	0	1								☆
			130452	Physical Education I	2.0	15	30	30	0	0	2								☆
	☆		340031	Mental Health Education	1.0	15	15	15	0	0	1								☆
			130462	Physical Education II	2.0	16	32	32	0	0		2							☆
			130472	Physical Education III	2.0	16	32	32	0	0				2					☆
			130482	Physical Education IV	2.0	16	32	32	0	0					2				☆
			400025	Careers Guidance	0.5	8	8	8	0	0					1				☆
Total					50		786	715	24	47	15	8	11	5	7	5			
		Public Courses	990032	Elective General Education Courses (1)	1.0	16	16	16	0	0	1								☆
Limit	☆		990062	Elective General Education Courses (2)	1.0	16	16	16	0	0			1						☆
			990072	Elective General Education Courses (3)	1.0	16	16	16	0	0				1					☆

											S1	S2	S3	S4	S5	S6	S7	S8	
	☆		000001	Arts and Social Science Courses	2.0	16	32	32	0	0				2					☆
	☆		000002	Natural Science Courses	2.0	16	32	32	0	0						2			☆
	☆		000003	Methodology Courses	2.0	16	32	32	0	0							2		☆
Total					9		144	144			1	1	1	2	2	2			
Discipline-Based Courses	Compulsory	Discipline-Based Courses	061563	Theory of Socialist Economy	3.0	15	45	45	0	0	3								★
			100214	Calculus I	4.0	15	60	60	0	0	4								★
			109415	Calculus Ia	5.0	15	75	75	0	0	5								★
			109425	Calculus IIa	5.0	16	80	80	0	0		5							★
			028013	Accounting	3.0	16	48	48	0	0	3								★
			061083	Microeconomics	3.0	16	48	48	0	0	3								★
			100024	Calculus II	4.0	16	64	64	0	0		4							★
			030013	Public Finance	3.0	16	48	48	0	0			3						★
			056183	Finance	2.0	16	32	32	0	0			2						★
			060022	International Trade	3.0	16	48	48	0	0			3						★

			Code	Course	Credits		Hours	Hours			S1	S2	S3	S4	S5				
			061093	Macroeconomics	3.0	16	48	48	0	0			3						★
			101044	Linear Algebra	4.0	16	64	64	0	0			4						★
			109235	Linear Algebra (a)	5.0	16	80	80	0	0			5						★
			109445	Probability and Statistics (a)	5.0	16	80	80	0	0				5					★
			040013	Statistics	3.0	16	48	48	0	0				3					★
			051013	International Finance	3.0	16	48	48	0	0				3					★
			105014	Probability and Statistics	4.0	16	64	64	0	0				4					★
			040223	Econometrics	3.0	16	48	48	0	0					3				★
			070603	International Commercial Law	3.0	16	48	48	0	0					3				★
Subtotal					49		777	777			7	13	13	13	3				
Specialized	Compulsory	Specialized	129651	introduction	1.0	15	15	15	0	0	1								☆

Courses		Courses	Code	Name	Credit	Weeks	Total	Lecture	Exp.	Prac.	T1	T2	T3	T4	T5	Flag
Courses	☆	Courses	040182	Statistics of Corporate Economy	3.0	16	48	48	0	0	3					☆
			040233	Input Output Analyses	3.0	16	48	48	0	0		3				★
			040203	Multivariate Statistical Analysis	2.0	16	32	32	0	0		4				★
			060353	Data Structure and Algorithms	3.0	16	48	48	0	0		3				★
	★		040223	Econometrics	3.0	12	48	0	48	0		2				★
			040033	Statistics of National Economy	2.0	16	32	32	0	0			4			☆
			040262	Time Series Analysis	3.0	16	48	48	0	0			4			★
			049122	Data Analysis Technique and SAS	3.0	12	48	0	48	0				4		★
			069172	Data Processing and R Software	2.0	16	32	32	0	0				2		★
			040632	Non-parameter Statistics Method	2.0	16	32	32	0	0				2		★
	☆		060913	Big Data Analysis Theory and Apply	3.0	16	48	48	0	0				3		☆
		Subtotal			30		479	371	108		1	2	15	7	5	
	Limits		040062	Sampling	2.0	16	32	26	0	0		2				☆

				Code	Course	Credit															
				069422	Securities Investment	2.0	16	32	32	0	0					2					☆
				040052	Economic Forecast and Decision	2.0	16	32	32	0	0					2					☆
				040112	Practice of Market Survey	2.0	16	32	32	0	0						2				☆
				040302	Design of Experiments	2.0	16	32	32	0	0						2				☆
				040072	Data Analysis Methods and SPSS	2.0	16	32	32	0	0						2				☆
				040382	Risk Management	2.0	16	32	32	0	0						2				☆
				040502	Asset Portfolio Analysis	2.0	8	32	0	32	0						4				☆
				040072	Data Processing Methods and SPSS	2.0	8	32	0	32	0						4				☆
				040312	Financial Econometric analysis	2.0	16	32	32	0	0							2			☆
				040512	Applied	1.0	16	16	16	0	0							1			☆

Category		Course Type	Code	Course	Credit	Weeks	Total Hours	Lecture	Exp	Practice	S1	S2	S3	S4	S5	S6	S7	S8	
				Stochastic Processes															
	☆		040432	Statistical Quality Management	2.0	16	32	32	0	0						2			☆
			040562	Actuarial Science	2.0	16	32	32	0	0						2			☆
	☆		040152	Analytical Technique of Securities	2.0	16	32	32	0	0						2			☆
Subtotal					8		128	96						2		2	2	2	
Comprehensive Application Courses	Compulsory	Application Courses	069471	Social Research I	1.0	3	0	0	0	0		0							☆
	☆		069501	Social Research II	1.0	3	0	0	0	0				0					☆
			060541	Industry Research	1.0	3	0	0	0	0								0	☆
			062031	Term Paper	1.0	0	0	0	0	0								0	☆
	☆		360232	Graduation Practice I (Integrated Simulation Experiment on Campus)	2.0	5	120	0	120	0							0		☆
			066022	Graduation Practice II (Extracurricular Field Pratice)	2.0	10	0	0	0	0								0	☆

			062043	Graduation Thesis	3.0	5	0	0	0	0								0	☆
		subtotal			9													4	

Note:

★: Examination

☆: Investigation

Program Chief: Liu zhaode   Vice Dean:Cui Jianhua

Dean:Lin hong