

经济学类创新班（本硕连读）

Economics (Innovation Class)

专业代码：020101

学 制：4 年

Program Code: 020101

Duration: 4years

培养目标：

本专业培养能坚持社会主义道路，具有创新思维、国际化视野、较深厚的经济理论基础，熟练掌握现代经济、金融分析方法和技术手段，能够从事经济理论研究工作、能够从事经济金融实践工作的高素质创新型经济拔尖人才。

Educational Objectives:

The major can cultivate our students to be compound talent adhere to socialist and be development in an all around way of moral , intelligent, and PE education, who have a solid base on economic theory and have the abilities to apply economic math, English and computer to resolve economic problem.

毕业要求：

No1.经济知识基础：掌握扎实的经济专业理论基础和宽广的知识面，能够将本专业的基础知识用于经济问题的分析，并接触和掌握企业和经济部门的运行知识，为解决实际经济问题打下知识基础。

No2.问题分析能力：能够应用经济学科的基础知识、本专业基本原理、数据分析方法和企业营运知识，识别、表达、并通过文献研究分析实际经济问题，以获得有效结论。

No3.设计/开发解决方案：能够设计针对社会经济问题的解决方案，设计满足特定经济服务需求的简单解决方案，并能够在设计环节中体现创新意识。

No4.研究：能够基于科学原理并采用科学方法对经济金融的实际问题进行研究，包括经济数据分析与解释、并通过信息综合得到合理有效的结论。

No5.使用现代工具：能够针对经济、贸易、金融等问题，选择与使用恰当的技术、资源和信息技术工具，包括对经济金融问题的分析与预测，并能够理解其局限性。

No6.经济与社会：能够基于经济现象相关背景知识进行合理分析，评价经济政策实践和复杂经济问题解决方案。

No7.环境和可持续发展：能够理解和评价经济活动对环境、社会可持续发展的影响。

No8.职业规范：具有人文社会科学素养、社会责任感，能够在经济政策分析中理解并遵守经济分析职业道德和规范，履行责任。

No9.个人和团队：能够在多学科背景下的团队中承担个体、团队成员以及负责人的角色。

No10.沟通：能够就经济问题与业界同行及社会公众进行有效沟通和交流，包括撰写报告和设计文稿、陈述发言、清晰表达或回应指令。并具备一定的国际视野，能够在跨文化背景下进行沟通和

交流。

№11.项目管理：理解并掌握工程管理原理与经济决策方法，并能在多学科环境中应用。

№12.终身学习：具有自主学习和终身学习的意识，有不断学习和适应发展的能力。

Student Outcomes:

№1.Economic Knowledge: Have an good foundation of economics, and have the ability to apply knowledge of economics and finance to the economic practical problems.

№2.Problem Analysis Ability: An ability to identify, formulate and analyze practical economic problems, reaching to substantiated conclusions using basic principles of economics, finance, and data methods.

№3.Design / Development Solutions: An ability to design solutions for simple economic problems and innovatively design systems, components or process that meet specific economic needs with social, legal, cultural and environmental considerations.

№4.Research: An ability to conduct investigations of economic practical problems based on scientific theories and adopting scientific methods including economic data analysis and synthesis of information to provide valid conclusions.

№5.Applying Modern Tools: An ability to create, select and apply appropriate techniques, resources and IT techniques to predict and model in economic、trading and financial problems, and understand their limitations.

№6.Economy and Society: An ability to assess the economic case with economic theory, understand the solution of financial practical problems and its effect on society, economy, law and culture and bear the responsibility.

№7.Environment and Sustainable Development: An ability to understand and evaluate the impact of professional economic solutions in environmental and societal contexts and demonstrate knowledge of and need for sustainable development.

№8.Professional Standards: An understanding of ideological and social responsibility, being able to understand and abide by professional ethics and standards responsibly economic practice.

№9.Individual and Teams: An ability to function effectively as an individual, and as a member or leader in diverse teams and in multi-disciplinary settings.

№10.Communication: An ability to communicate effectively on economic problems with the engineering community and with society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations, give and receive clear instructions, and communicate in cross-cultural contexts with international perspective.

№11.Project Management: Demonstrate knowledge and understanding of engineering management principles and methods of economic decision-making, to function in multidisciplinary environments.

№12.Lifelong Learning: An ability to engage in independent and life-long learning with the ability to learn continuously and adapt to new developments.

专业简介:

经济学创新班于 2013 年设置, 依托经贸学院综合学科优势, 立足培养服务于华南地区产业经济发展的经济学人才。人才培养恪守“理论教学和应用研究相辅而行”的华工传统, 强调基础理论和数理方法学习, 突出中国问题的应用研究, 致力于培养具有坚实理论基础, 丰富专业知识和实际工作能力的复合型、创新型人才。

经济与贸易学院建设了总面积为 700 平方米专业图书资料室和中外期刊阅览室, 购置了经济类中文图书 2 万 5 千多册, 外文图书 500 多本, 订阅了中外文期刊 170 多种。建设了经济建模实验室, 购置了 MATLAB、SASS、STATA 等实验软件为师生提供了较好的实验、综合实践条件和先进的科研技术平台。

该专业的 1-3 学年完成本科阶段的课程学习, 按“经济学类创新班分流方案”, 实行滚动淘汰制, 如有必修课不及格, 将退出创新班。第 3 学年结束后, 总评排在后 20% 的学生不具有推荐免试研究生资格, 但可继续留在创新班并完成本科培养计划, 获得学士学位。第 4 学年初双向选择推荐免试进入硕士研究生阶段学习, 三年后毕业获得经济学硕士学位。

Program Profile

Relying on the advantages of the comprehensive disciplines of economics and commerce, the aim of our economics is to cultivate economic talents to serve the development of industrial economy in Southern China area. Our personnel training insists on the tradition of South China University of Technology which mainly incorporates the combination of theoretical teaching and applied research, emphasizes the importance of learning basic theory and mathematical method, and pays attention to the outstanding issues of China. Also, we are committed to cultivate complex and innovative talents who have solid theoretical foundation, rich professional knowledge and practical ability.

In School, the specialized reference room and the international journals reading room cover an area of more than 700 square meters, which are equipped with 25000 economics books in Chinese, 500 in foreign languages, and have subscribed more than 170 Chinese and foreign journals. The school also built the Financial Modeling Laboratory, which equips MATLAB, SASS and STATA. The software provides students and faculties with an advanced platform for scientific experiment and comprehensive practices.

A master's degree in Economics: the 1-3 school year to complete the undergraduate course of study, students who meet the conditions, the 4-6 school year, two-way choice recommended exemption to enter graduate study, graduated with a master's degree in economics.

Bachelor's degree in Economics: The professional at the same time the implementation of the rolling out of the system, according to the "economics of innovation class diversion program", third the end of the school year, overall in the bottom 20% of the students do not have recommended exemption of postgraduate qualifications, but can remain in the innovation class and complete the undergraduate program, bachelor's degree.

专业特色:

该专业培养学生拥有继续从事经济研究的扎实的数学知识和经济学理论基础，掌握经济理论和经济分析工具，并能够运用经济理论和经济分析工具从事经济管理工作。第 1-3 学年，每位学生配本科生导师，为学生制定个性化培养计划，使学生具备在经济学各专业攻读硕士、博士学位的基础理论知识、基本研究方法和基本学习能力。

Program Features:

Train students have solid knowledge of math which is helpful for continuing to go in economic study and train students to make knowledge of economic theory and economic analysis tools who can engage the career of economic management. Project director is arranged for the teaching management of the innovation class. Graduates will have basic theory knowledge, basic research methods and basic learning ability to study finance master or doctoral degree.

授予学位: 经济学学士学位

Degree Conferred: Bachelor of Economics

主干课程:

微观经济学、宏观经济学、中级微观经济学、中级宏观经济学、经济学说史、统计学、政治经济学、会计学原理、计量经济学、中级计量经济学等。

Core Courses:

Microeconomics; Macroeconomics; Intermediate Microeconomic; Intermediate Macroeconomics; History of Economic Theory; Statistics; Political Economics; Principle of Accounting; Econometrics; Intermediate Econometrics etc.

特色课程:

全英语教学课程：国际金融

双语教学课程：管理学原理、金融学原理、公司金融、商业银行经营管理

研究型课程：经济学说史、动态优化

新生研讨课：中国经济发展——理论与实践、经济学导论

专题研讨课：经济理论前沿

本研贯通课：中级计量经济学、经济学说史、中级微观经济学、中级宏观经济学、多元统计分析与应用

创新实践课程：计量软件编程与应用课程设计、统计软件与经济数据分析课程设计

创业教育课程：创业教育

二、各类课程学分登记表 (Registration Form of Curriculum Credits)

1. 学分统计表 (Credits Registration Form)

课程类别 Course Category	课程要求 Requirement	学分 Credits	学时 Academic Hours	备注 Remarks
公共基础课 General Basic Courses	必修 Compulsory	48.0	700	
	通识 General Education	10.0	160	
学科基础课 Disciplinary Basic Courses	必修 Compulsory	37.0	608	
	选修 Elective	18.0	288	
专业领域课 Specialty-related Courses	必修 Compulsory	11.0	192	
	选修 Elective	16.0	256	
合 计 Total		140.0	2204	
集中实践教学环节 (周) Practice Training (Weeks)	必修 Compulsory	27.0	27 周	
毕业学分要求 Credits Required for Graduation	140.0+27.0=167.0			

注：硕士阶段课程修读要求及毕业资格按照学生修读的研究生专业培养方案执行，第四年在导师的指导下修读相关课程；学生本科阶段在取得专业教学计划规定学分的同时，还必须第二课堂取得 2 个人文素质教育学分和 4 个创新能力培养学分；未获推荐免试研究生的学生毕业学分要求须达到普通班要求。

2. 类别统计表 (Category Registration Form)

学时 Academic Hours					学分 Credits						
总学时数 Total	其中 Include		其中 Include		总学分数 Total	其中 Include		其中 Include			其中 Include
	必修 学时 Compulsory	选修 学时 Elective	理论 教学 学时 Theory Course	实验 教学 学时 Lab		必修 学分 Compulsory	选修 学分 Elective	集中实践 教学环节 学分 Practice-concentrated Training	理论教 学学分 Theory Course Credits	实验 教学 学分 Lab	创新创业教 育学分 Innovation and Entrepreneurship Education
2204	1500	704	2016	188	167	123	44	27	134	6	12

三、专业教学计划表 (Teaching Schedule)

类别 Course Category	课程 代码 Course No.	课程名称 Course Title	是否 必修 C/E	学时数 Total Curriculum Hours				学分 数 Credits	开课 学期 Semester	毕业 要求 Student Outcomes	
				总学 时 Class Hours	上机 Computer-ai ded Class Hours	实验 Lab Hours	实践 Practice Hours				
公共基础课 General Basic Courses	143091	中国近现代史纲要 Skeleton of Chinese Modern History	必修 课 C	(32) 24				2.0	1	№8	
	143093	思想道德修养与法律基础 Cultivation of Thought and Morals & Fundamental of Law		(40) (36)				2.5	2	№8	
	143090	马克思主义基本原理 Fundamentals of Marxism Principle		(40) 36				2.5	3	№8	
	143092	毛泽东思想和中国特色社会主义理论体系概论 Thought of Mao ZeDong and Theory of Socialism with Chinese Characteristics		(80) 48				5.0	4	№8	
	143094	形势与政策 Analysis of the Situation & Policy		(128)				2.0	1-8	№8	
	144001	大学英语 (一) College English(1)		64				4.0	1	№10	
	144002	大学英语 (二) College English(2)		64				4.0	2	№10	
	145223	大学计算机基础 Foundations of Computer		32				2.0	1	№5	
	152001	体育 (一) Physical Education (1)		32			32	1.0	1	№12	
	152002	体育 (二) Physical Education (2)		32			32	1.0	2	№12	
	152003	体育 (三) Physical Education (3)		32			32	1.0	3	№12	
	152004	体育 (四) Physical Education (4)		32			32	1.0	4	№12	
	106001	军事理论 Military Principle		(16)				1.0	2	№9	
	140191	微积分 II (一) Calculus(1)		80				5.0	1	№4	
	140192	微积分 II (二) Calculus(2)		80				5.0	2	№4	
	140197	线性代数与解析几何 Linear Algebra & Analytic Geometry		48				3.0	1	№4	
	140019	概率论与数理统计 Probability & Mathematical Statistics		48				3.0	2	№4	
	145125	多媒体技术及应用 Multimedia Technology and Applications		48				3.0	2	№5	
		人文科学领域 Humanities	64	通识 课 E				4.0		№8	
		社会科学领域 Social Science	32					2.0		№8	
		科学技术领域 Science and Technology	64					4.0(2)		№8	
	合计 Total				860			128	58.0		

三、专业教学计划表（续）（Teaching Schedule）

类别 Course Category	课程 代码 Course No.	课程名称 Course Title	是否 必修 C/E	学时数 Total Curriculum Hours				学分 数 Credits	开课 学期 Semester	毕业 要求 Student Outcomes
				总学时	上机	实验	实践			
				Class Hours	Computer-aided Class Hours	Lab Hours	Practice			
学科基础课 Disciplinary Basic Courses	168391	经济学导论 Introduction to Economics	必 C	16				1.0	1	№1,2,4,5,6,12
	174001	微观经济学 Microeconomics	必 C	64				4.0	1	№1,2
	168415	政治经济学 Political Economics	必 C	48				3.0	1	№1,2
	174003	管理学原理 Principle of Management	必 C	48				3.0	2	№1,2,4
	174002	宏观经济学 Macroeconomics	必 C	64				4.0	2	№1,2
	168392	中国经济发展--理论与实践 The theory and practice of Chinese economic development	必 C	16				1.0	2	№1,2,6,7,8
	174005	统计学 Statistics	必 C	60	16			3.0	3	№1,2,3,4,5
	168395	动态优化 Dynamic Optimization	必 C	48				3.0	3	№1,2,3,4,5,6
	168188	中级微观经济学 Intermediate Microeconomics	必 C	64				4.0	3	№1,№5
	175010	会计学原理 Principle of Accounting	必 C	48				3.0	3	№1,2,9,12
	168246	中级宏观经济学 Intermediate Maroeconomics	必 C	64				4.0	4	№1,2,5
	168048	计量经济学 Econometrics	必 C	52		12		3.0	4	№1,3,4,5
	168425	毕业设计（论文）专题讲座 Graduation thesis lectures	必 C	16				1.0	6	№11
	175010	金融学原理 Principle of Finance	选 E	48				3.0	3	№1,2,3,6,9,11
	174063	保险学原理 Principle of Insurance	选 E	48				3.0	3	№1,2,3,6,9,11
	168192	市场营销学 Principles of Marketing	选 E	48				3.0	3	№1,2
	174014	国际贸易原理 I Principle of International Trade I	选 E	64				4.0	3	№1
	168175	网络营销 Internet Marketing	选 E	48				3.0	4	№1,2,3,4
	168200	博弈论基础 Game Theory	选 E	48				3.0	4	№6,9,10
	168208	经济法 Economic Law	选 E	48				3.0	4	№1,2,4
174068	财政学 Public Finance	选 E	48				3.0	4	№1,2,4	
174008	公司金融 Corporate Finance	选 E	64				4.0	5	№1,2,3,4,5	

	174079	国际经济学 II	选 E	48				3.0	5	№1,2,6
	174110	货币银行学 II Money and Banking II	选 E	48				3.0	6	№1,2,6,8
	174033	国际金融 International Finance	选 E	48				3.0	6	№1,2,4,5, 6,9
	合 计 Total		必 C	608	16	12		37.0		
			选 E	选修课修读最低要求 18.0 学分 minimum elective course credits required: 18						
专业领域课 Specialty-related Courses	168337	经济学说史 History of Economic Theory	必 C	48				3.0	5	№1,2,6,7,8, 9
	168334	中级计量经济学 Intermediate econometrics	必 C	48				3.0	5	№4,5,6
	168342	多元统计分析与应用 Multivariate statistical analysis and software application	必 C	48		32		2.0	6	№1,2,3,4,5
	168403	经济理论前沿 The lecture series in Economics	必 C	12 次 讲座				3.0	6	№1,2,3,6,9
	168271	发展经济学 Development Economics	选 E	48				3.0	4	№1,2,3,6
	168280	新制度经济学 New Institutional Economics	选 E	48				3.0	4	№1,2,4
	168279	区域经济学 Regional Economics	选 E	48				3.0	4	№1,2,3,4,5, 6
	174017	国际商务谈判 International Business Negotiation	选 E	48				3.0	4	№7,8
	168445	金融经济学 Financial Economics	选 E	48				3.0	4	№1,2,3,4,5
	168364	金融计算与金融数据处理 Financial Computation and financial data processing	选 E	64	32			3.0	5	№1,2,3,4,5
	168446	商业银行经营管理 Commercial Bank Operation and Management	选 E	48				3.0	5	№1,2,5,8,9, 12
	174082	金融市场学 Financial marketing	选 E	48				3.0	5	№1,2,3,6,9, 11
	168036	项目管理 Project Management	选 E	32				2.0	5	№1,2,9,10,1 1
	174122	产业经济学 Industrial Economics	选 E	48				3.0	5	№1,3,4,5
	174036	证券投资分析 Securities Investment Analysis	选 E	48				3.0	5	№1,2,5,6
	168176	金融工程 Financial Engineering	选 E	48				3.0	5	№1,2,12
	174073	经济地理 Economics Geography	选 E	48				3.0	5	№6,9,10
	174093	投资银行学 Investment banking	选 E	48				3.0	6	№1,2,3,4,6
	168210	国际结算 international settlement	选 E	56		16		3.0	6	№1,2,3,6,9, 11

175208	超边际经济学 Intra-marginal Economics	选 E	48				3.0	6	№1,2,3,4
168428	创业教育 Developmental Entrepreneurship	选 E	32				2.0	6	№1,2,3
175050	市场调研与预测 Market survey and forecast	选 E	36	12			2.0	6	№2,7,4
168012	电子商务概论 Introduction to e-commerce	选 E	32				2.0	6	№1,2,3,7
168340	法经济学 Law and Economics	选 E	48				3.0	7	№1,2,4
168323	信息经济学 Information Economic	选 E	48				3.0	7	№1,2,3,4,6
120003	创新研究训练 Innovation Research Training	选 E	32				2.0		№4,12
120004	创新研究实践 I Innovation Research Practice I	选 E	32				2.0		№4,12
120005	创新研究实践 II Innovation Research Practice II	选 E	32				2.0		№4,12
120006	创业实践 Entrepreneurial Practice	选 E	32				2.0		№4,12
合 计 Total		必 C	192		32		11.0		
		选 E	选修课修读最低要求 16.0 学分 minimum elective course credits required:16.0						

备注：1.第7学期的课为不读研的学生开设，该学期选修课修读最低要求3学分。2.学生根据自己开展科研训练项目、学科竞赛、发表论文、获得专利和自主创业等情况申请折算为一定的专业选修课学分（创新研究训练、创新研究实践 I、创新研究实践 II、创业实践等创新创业课程）。每个学生累计申请为专业选修课总学分不超过4个学分。经学校批准认定为选修课学分的项目、竞赛等不再获得对应第二课堂的创新学分。

四、集中实践教学环节(Practice-concentrated Training)

课程 代码 Course No	课程名称 Course Title	是否 必修 C/E	学 时 数 Total Curriculum Hours		学 分 数 Credits	开 课 学 期 Semester	毕 业 要 求 Student Outcomes
			实 践 Practice weeks	授 课 Lecture Hours			
106002	军训 Military Training	必 C	3 周		3.0	1	№9
143197	马克思主义理论与实践 Marxism Theory and Practice	必 C	2 周		2.0	假期	№8
168440	统计软件与经济数据分析课程设计 Course Project of Statistical Software and Economic Data Analysis	必 C	2 周		2.0	3	№1,2,3,5,9,10,11
168441	计量软件编程与应用课程设计 Course Project of Econometric Software Program and Application	必 C	2 周		2.0	5	№1,2,3,4,5
174030	毕业实习 Graduation Practice	必 C	4 周		4.0	7	№2,3,5,6,7,8,9,10,11,12
168069	毕业设计（论文） Final Year Project (Thesis)	必 C	14 周		14.0	8	№4,5,6,9,10
合 计 Total		必 C	27 周		27.0		

	选 E	选修课修读最低要求 0 学分 minimum elective course credits required:0
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五、第二课堂

第二课堂由人文素质教育和创新能力培养两部分组成。

1.人文素质教育基本要求

学生在取得专业教学计划规定学分的同时，还应结合自己的兴趣适当参加课外人文素质教育活动，参加活动的学分累计不少于 2 个学分。

2.创新能力培养基本要求

学生在取得本专业教学计划规定学分的同时，还必须参加国家创新创业训练计划或广东省创新创业训练计划或 SRP（学生研究计划）或百步梯攀登计划或一定时间的各类课外创新能力培养活动（如学科竞赛、学术讲座等），参加活动的学分累计不少于 4 个学分。

5.“Second Classroom” Activities

“Second Classroom” Activities are comprised of two parts, Humanities Quality Education and Innovative Ability Cultivation.

1)Basic Requirements of Humanities Quality Education

Besides gaining course credits listed in one’s subject teaching curriculum, a student is required to participate in extracurricular activities of Humanities Quality Education based on one’s interest, acquiring no less than two credits.

2)Basic Requirements of Innovative Ability Cultivation

Besides gaining course credits listed in one’s subject teaching curriculum, a student is required to participate in any one of the following activities: National Undergraduate Training Programs for Innovation and Entrepreneurship, Guangdong Undergraduate Training Programs for Innovation and Entrepreneurship, Student Research Program (SRP), One-hundred-steps Innovative Program, or any other extracurricular activities of Innovative Ability Cultivation that last a certain period of time (e.g. subject contests, academic lectures), acquiring no less than four credits.