

经济学

Economics

专业代码: 020101

学 制: 4 年

Program Code: 020101

Duration: 4years

培养目标:

本专业培养坚持社会主义道路, 德智体全面发展, 具有扎实的经济学专业知识和基本理论, 熟悉世界经济运行和中国改革实践, 掌握现代经济学的基本方法、经济数学运用能力、计算机操作能力和经济活动实践能力, 能够从事经济发展的理论研究和运行管理实践工作, 具有国际视野的综合素质高、创新能力强的、理论和实践相结合的复合型、创新型人才。

Train Objective:

The major aims to cultivate compound and innovative talents who have international perspective with high comprehensive skill, possess high ability to innovate and combine theory with practice. They follow the socialist road, obtain all-round development, possess solid specialized knowledge and basic theory of economics, familiar with the world economy and China's reform practice, and master the basic methods of modern economics, grasp applied ability of economic mathematics, know computer operation ability and business practice ability well. Moreover, they can engage in theoretical research and operational management practices in economic development.

毕业要求:

№1.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。

№2.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。

№3.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。

№4.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。

№5.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。

№6.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。

№7.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。

№8.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。

№9.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。

№10.沟通：能够就复杂工程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 complex engineering 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: A recognition of the need for, and 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:

经济学本科专业从 2009 年开始招生, 现有经济学本科、硕士和博士学位授予权, 师资力量雄厚, 75% 以上的老师具有博士学位, 学院还聘请了巴曙松等国内外著名学者任兼职教授。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。建设了经济综合实验室、经济建模实验室、统计信息实验室三个经济学专业实验室, 购置了 MATLAB、SASS、STATA 与建模实验平台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。

Program Profile:

Economics major of South China University of Technology (SCUT) has been offering admissions to undergraduate students since 2009, and nowadays it has the authority to grant bachelor's degree, master's degree and doctor's degree. The teaching staffs are high-qualified, with 3 Professors and 8 associate professors, among whom over 70% have doctor's degree. Furthermore, several renowned scholars are hired as adjunct professors in School of Economics and Commerce. 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 3 economics laboratories, namely the Economic Comprehensive Laboratory, the Economic Modeling Laboratory, and the Statistical Information Laboratory, which equips MATLAB, SASS, STATA and RESST/FinCM. The software provides students and faculties with an advanced platform for scientific experiment and comprehensive practices.

专业特色:

经济学专业贯彻“厚基础、重能力、宽口径、强适应”的方针, 注重结合理工大学学科基础, 强调经济逻辑和数据分析能力, 培养专业基础实、理论功底深、综合素质高的创新型、复合型的金融人才。

Program Features:

Economics major implements the policy of "thick base, high capacity, wide-bore, broad adaptation" in training students, and focus on combining the science foundation of SCUT, emphasizing the logical and data analysis ability in economics area, the training object is to train innovative and inter-disciplinary

economic talents who have good special basis, deep theoretic foundation and comprehensive quality.

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、政治经济学、统计学、会计学原理、发展经济学、计量经济学、国际经济学、财政学。

Core Courses:

Microeconomics; Macroeconomics; Intermediate Microeconomic; Intermediate Macroeconomics; Political Economics; Statistics; Principle of Accounting; Development Economics; Econometrics; International Economics; Public Finance etc.

特色课程：

全英语教学课程：劳动经济学、金融学原理

双语教学课程：管理学原理、统计学、博弈论基础、公司金融、房地产投资与金融

研究型课程：超边际经济学；

新生研讨课：中国经济发展--理论与实践

专题研讨课：经济理论前沿、毕业设计（论文）专题讲座

本研贯通课：经济学说史、中级微观经济学、中级宏观经济学

校企合作课：毕业实习

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

Featured Courses:

Courses Taught in English: Labor Economics; Principle of Finance

Bilingual Courses: The Principle of Management; Statistics; Game Theory; Corporate Finance; Real Estate Finance and Investments

Research Courses: Inframarginal Economics;

Freshmen Seminars: Chinese economic development: theory and practice

Special Topics: Series Topics on Advances of Economic; Series of lectures on graduation thesis (design)

Baccalaureate-Master's Integrated Courses: history of economic theory, Intermediate microeconomics, Intermediate macroeconomics.

Cooperative Courses with Enterprises: Graduation Practice

Innovation Practice: Course Project of Econometric Software Program and Application、Course Project of Statistical Software and Economic Data Analysis

Entrepreneurship Courses: Developmental Entrepreneurship

一、教学计划总体安排表 (General Teaching Schedule)

学 年	学 期	教 学 进 度 安 排 (周)																		理	考	入	军	课	工	电	综	社	生	毕	其	中	毕	就	机	假	小							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	论	学	学	程	程	程	子	合	会	产	业	它	外	业	业	动	期	计					
																							A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R				
一	1		C	A	A	A	A	A	A	A	A	A	A	A	A	A	B	D	D	D	14	1	1	3															19					
	2	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	Q	Q	B	B	16	2															2	20						
二	3	A	A	A	A	A	A	A	A	A	A	A	A	A	A	E	E	B	B	16	2		2															20						
	4	A	A	A	A	A	A	A	A	A	A	A	A	A	A	Q	Q	B	B	16	2																2	20						
三	5	A	A	A	A	A	A	A	A	A	A	A	A	A	A	E	E	B	B	16	2		2															20						
	6	A	A	A	A	A	A	A	A	A	A	A	A	A	A	Q	Q	B	B	16	2																2	20						
四	7	A	A	A	A	A	A	A	A	A	A	A	A	L	L	L	L	B	B	14	2									4								20						
	8	O	O	O	O	O	O	O	O	O	O	O	O	O	Q	Q	Q	Q	Q	Q													14		6		20							
合 计 (周)																				108	13	1	3	4													4				14		12	159

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	39.0	640	
	选修 Elective	12.0	192	
专业领域课 Specialty-related Courses	必修 Compulsory	19.0	304	
	选修 Elective	16.0	256	
合 计 Total		144.0	2252	
集中实践教学环节 (周) Practice Training (Weeks)	必修 Compulsory	28.0	28 周	
毕业学分要求 Credits Required for Graduation	144.0+28.0=172.0			

备注：学生在取得专业教学计划规定学分的同时，还必须取得第二课堂 2 个人文素质教育学分和 4 个创新能力培养学分。

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
2252	1644	608	2096	156	172	134	38	28	139	5	10

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 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		(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
	143106	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
	145270	计算机网络技术及应用 Computer Network Technology and Applications		48				3.0	2	№5
		人文科学领域 Humanities		64				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 Class Hours	上机 Computer-ai ded Class Hours	实验 Lab Hours	实践 Practice			
学科基础课 Disciplinary Basic Courses	174001	微观经济学 Microeconomics	必 C	64				4.0	1	№1,2
	174002	宏观经济学 Macroeconomics	必 C	64				4.0	2	№1,2
	168415	政治经济学 Political Economics	必 C	48				3.0	1	№1,2
	168188	中级微观经济学 Intermediate Microeconomics	必 C	64				4.0	3	№1,№5
	174005	统计学 Statistics	必 C	60	16			3.0	3	№1,2,3,4,5
	175010	会计学原理 Principle of Accounting	必 C	48				3.0	3	№1,2,9,12
	168159	金融学原理 Principle of Finance	必 C	48				3.0	3	№1,2,3,6,9,11
	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
	174070	国际经济学 I International Economics I	必 C	64				4.0	4	№1,2,6
	174068	财政学 Public Finance	必 C	48				3.0	4	№1,2,4
	168425	毕业设计（论文）专题讲座 Series of Lectures on Graduation Thesis (design)	必 C	16				1.0	6	№1,2
	175113	管理学原理 The Principle of Management	选 E	48				3.0	2	№1,2,4
	168192	市场营销学 Marketing	选 E	48				3.0	3	№1,2
	168208	经济法 Economic Law	选 E	48				3.0	4	№1,2,4
	168280	新制度经济学 New Institutional Economics	选 E	48				3.0	5	№1,2,4
	168036	项目管理 Project management	选E	32				2.0	6	№1,2,9,10,11
			合 计 Total	必 C	640	28			39.0	
			选 E	选修课修读最低要求 12.0 学分 minimum elective course credits required:12						
专业领域课 Specialty- related Courses	168392	中国经济发展--理论与实践 Chinese Economic Development: theory and practice	必 C	16				1.0	2	№1,2,6,7,8
	168200	博弈论基础 Game Theory	必 C	48				3.0	4	№6,9,10
	174122	产业经济学 Industrial Economics	必 C	48				3.0	5	№1,3,4,5
	168337	经济学说史 History of Economic Theory	必 C	48				3.0	5	№1,2,6,7,8,9
	168271	发展经济学 Development Economics	必 C	48				3.0	6	№1,2,3,6
	168279	区域经济学 Regional Economics	必 C	48				3.0	6	№1,2,3,4,5,6
	168412	劳动经济学 Labor Economics	必 C	48				3.0	6	№1,2,3,6,9,11

174036	证券投资分析 Securities Investment Analysis	选 E	48				3.0	3	№1,2,№6
174063	保险学原理 Principle of Insurance	选 E	48				3.0	3	№1,2,3,6,9,11
168340	法经济学 Law and Economics	选 E	48				3.0	5	№1,2,4
168406	公司金融 Corporate Finance	选 E	64				4.0	5	№1,2,3,4,5
168323	信息经济学 Information Economic	选 E	48				3.0	5	№1,2,3,4,6
175050	市场调研与预测 Marketing Researching and Forecasting	选 E	36	12			2.0	5	№2,7,14
174073	经济地理 Economics Geography	选 E	48				3.0	5	№6,9,10
174110	货币银行学 II Money and Banking II	选 E	48				3.0	6	№1,2,6,8
174101	投资经济学 Investment Economics	选 E	48				3.0	6	№1,2,3,6,9,11
174105	房地产投资与金融 Real Estate Finance and Investments	选 E	48				3.0	6	№1,2,7
175208	超边际经济学 Inframarginal 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
168342	经济理论前沿 Series Topics on Advances of Economics	选 E	32				2.0	7	№2,4,6
168320	技术经济学 Technological Economics	选 E	48				3.0	7	№1,2,3,6,9,11
168341	资源与环境经济学 Resources and Environmental Economics	选 E	48				3.0	7	№1,2,3,6,9,11
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	304				19.0		
		选 E	选修课修读最低要求 16.0 学分 minimum elective course credits required: 16						

备注：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	№1
143197	马克思主义理论与实践 Marxism Theory and Practice	必 C	2 周		2.0	假期	№1
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
168361	认知实习 Cognitive Practice	必 C	1 周		1.0	6	№1,6
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	28 周		28.0		

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.