

产品设计

Product Design

专业代码：130504

学 制：4 年

Program Code:130504

Duration: 4 years

培养目标：

本专业培养具有社会主义核心价值观、中国文化底蕴和国际视野，掌握扎实的专业基础知识、方法与技能，能够创造性地利用产品设计基本原理解决创意实践问题，兼具中国文化底蕴和国际视野，成为面向 21 世纪和未来的德、智、体全面发展的复合型产品设计专业人才。以适应社会需求和区域经济发展为目标，服务于产品制造企业、设计部门、科研院所等专业相关企事业单位。

Educational Objectives:

The profession trains complex innovative design professionals with a profound cultural heritage and international perspective and develop morally, intellectually and physically for the 21st century and the future.

毕业要求：

№1.设计知识：掌握扎实的基础知识和专业技能，能够将艺术与设计的专业知识和理论用于解决复杂的设计实践问题。

№2.问题分析：能够应用设计学的专业知识和理论，并通过文献研究以识别、表达和分析复杂的设计问题，以获得有效的设计对策。

№3.设计,开发解决方案：能够针对产品设计复杂问题提出解决方案，设计满足特定需求的各类产品造型设计、陶瓷艺术与设计，并能够在设计环节中体现创新意识，考虑经济、文化、环保、安全、技术、美观等因素。

№4.研究：能够基于设计及艺术的基本原理并采用科学方法对产品设计复杂问题进行研究，包括设计实验、现象观察与分析、地域文化与艺术思潮，在信息采集与梳理的过程中形成合理有效的设计成果。

№5.使用现代工具：能够针对产品设计的复杂问题，开发、选择与使用恰当设计技术手段、现代信息工具和资源，包括对产品设计复杂问题的预测与实践，并能够理解其局限性。

№6.设计与社会：能够基于产品设计相关背景知识进行合理分析，评价产品设计和创作实践中复杂问题解决方案对社会、健康、安全、法律、文化、审美、生活品质的影响，并理解应承担的责任。

№7.环境和可持续发展：能够理解和评价针对产品造型设计及陶瓷艺术与设计复杂问题的专业设计实践对环境、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，能够在产品设计及陶瓷艺术与设计的创新实践中理解并遵守设计职业道德和规范，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：能够就复杂产品设计问题与业界同行及社会公众进行有效沟通和交流，包括制作设计文本和撰写设计说明、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：理解并掌握设计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. Engineering knowledge: Master the basic knowledge, professional ability, being able to use the basic knowledge of natural science, professional knowledge and professional knowledge to solve complex design problems, and learn some management knowledge of the design industry in order to lay the foundation for solving complex problems in the future.

№2. Problems analysis: be able to identify, express, and analyze the complex problems based on the literature research by the methods and means of the professional knowledge of the design industry learning from this major to obtain effective conclusions.

№3. Design,develop solution plan: be able to develop solutions for complex design problems, design the products, systems, service to meet the specific needs of users, and reflect the sense of innovation in the design process by factoring into conditions of society, health, safety, law, culture and environment.

№4. Research: be able to study the design issues, including the design of experiments, analysis and interpretation of data based on the scientific and humanistic research methods and information integration to obtain reasonable and effective conclusions.

№5. Modern tools use: be able to develop, select and use appropriate technical, resource and information technology tools to solve complex design problems, including forecasting and modeling of design problems, and understand their limitations respectively.

№6. Engineering and society: Be able to analyze reasonably based on the social and cultural background knowledge, evaluate the social, cultural, legal, and cultural effects from the complex design solving plan, and understand the corresponding responsibilities.

№7. Environment and sustainable development: be able to understand and evaluate the impact of the professional design practices of complex design problems on the environmental and social sustainability.

№8. Professional norms: Have a good cultural, social and scientific attainments, understand and conform to professional ethics and norms, and performing duties.

№9. Individual and team: Be able to bear his,her own role as individual, one of the team members and the leader of a team in a multidisciplinary team.

№10. Communication: be able to have effective communication with the industry counterparts and the social public on the design issues, including writing reports and design documents, presentation speech, express clearly and responding to the instructions. With a certain international vision to communicate understand the background of cross-culture.

№11. Project Management: Be able to understand and master the basic management principles and economic decision-making methods, and apply them in a multidisciplinary environment.

№12. Lifelong Learning: Have the sense of independent learning and lifelong learning with the ability of constant learning and embracing to the development.

专业简介：

产品设计专业属于学科门类“艺术学”下设的一级学科“设计学”。本专业组建于2010年，其基础为2004年成立的艺术设计专业的产品造型设计和陶瓷艺术设计方向。产品设计专业是由产品造型设计和陶瓷艺术与设计两个模块组成。产品造型设计模块教学与科研的主要方向是以产品造型为基础的创新设计与产品服务系统设计。陶瓷艺术与设计模块是根植于理工科基础平台之上，以陶瓷艺术为基础、陶瓷材料和工艺为技术手段的产品创新设计。产品设计专业具有设计学科专业特色的实验\实践\创作（实创）相结合的多层次实验教学体系，1个公共实验分中心(CAD实验中心)以及造型艺术实验室、陶艺设计实验室、模型制作实验室、创新设计中心，共4个专业实验分中心。此外，校外实践基地、专业课室、展览室、阅览室和实践教学工作室等也是实创训练教学环节的重要支撑载体。

Program Profile:

Product design is composed of product design and ceramic art and design of two directions. Through years of construction, the profession has made remarkable achievements in the teaching and construction, laboratory and practice base construction, personnel training, teachers and students repeatedly obtain international and domestic professional awards. At present, the profession focus on objectives of cultivating applied innovative talents, and actively explore the application of innovative talents training programs and teaching team construction model, implement combination model of teaching and research teaching, cultivate students to have practical ability, innovation awareness, teamwork and comprehensive professional skills, thus improve students' employment competitiveness. Product design is developed under the basic platform of science and engineering, reflecting school characteristics of the domestic design disciplines of both literary and artistic, academic cross and collaborative innovation. The main direction of teaching and research is innovative design and product service system design based on product modeling. Ceramic art and design direction is rooted in the basic platform for science and engineering, and is product innovation design based on ceramic art and takes ceramic materials and technology as the technical means.

专业特色：

产品设计是一门综合应用型学科，本专业围绕复合型创新人才培养目标，注重学科交叉与文理并重，强调国际化视野，并以实践带动教学，推动实创，推行实践教学工作室模式，形成产学研相结合的特点。

Program Features:

Product design is a comprehensive applied discipline. The profession focuses on interdisciplinary and emphasis on both the liberal arts and science, emphasizing the international perspective, and practice to drive teaching, strengthen the advanced design ideas and comprehensive quality of education, strengthen comprehensive cultivation of innovation, practical ability, and systematic thinking ability.

授予学位：艺术学学士学位

Degree Conferred: Bachelor of Arts

主干课程：

造型基础（一~四）、设计基础（一~三）、产品材料与工艺、设计概论、中外艺术设计史（一~二）、计算机辅助设计（一~三）。

产品造型设计模块：设计程序与方法、模型设计与制作、产品设计策划与研发、产品设计专题（一~八）、产品创新设计（一~二）；

陶瓷艺术与设计模块：模具设计与制作、中国陶瓷美术史、陶瓷产品设计专题（一~八）、陶瓷装饰设计（一~二）。

Core Courses:

Design basis, design introduction, Chinese and foreign art design history, computer aided design, design psychology, ergonomics, modeling foundation, computer aided design (3) — AUTO CAD drawing, product form research, model design and production, design procedures and methods, product design planning and research, product design, ceramic product design, ceramic decorative design.

特色课程：

双语教学课程：艺术设计与科技、设计基础（一）、产品设计策划与研发

新生研讨课：艺术设计与文化、艺术设计与科技

专题研讨课：产品设计专题（一~八）、陶瓷产品设计专题（一~八）

校企合作课：精英课程、毕业设计

专题设计课：产品设计专题（一~八）、陶瓷产品设计专题（一~八）

竞教结合课程：产品设计专题（二）、毕业设计

创业教育课程：创意产业与创业

Featured Courses:

Bilingual Courses: Art design and technology, design basis (I), product design planning and research

Freshmen Seminars: Art Design and Culture, Art Design and Technology

Special Topics: Product design (I to VIII), ceramic product design (I~VIII)

Cooperative Courses with Enterprises: Professional Writing, graduation project

Special Designs: Product design (I to VIII), ceramic product design (I~VIII)

Contest-Teaching Integrated Courses: Product design (II), graduation project

Entrepreneurship Courses: Creative Industry and 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 论 教 学	考 试	入 学 教 育	军 训	课 程 设 计	大 作 业	工 程 训 练	电 子 实 习	综 合 实 验	社 会 实 践	生 产 实 习	毕 业 实 习	其 它 实 习	中 外 合 作 项 目	毕 业 设 计	就 业 安 排	机 动	假 期	小 计					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18																				19	20			
		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	A	Q	B	B	17	2												1	20								
二	3	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	Q	B	B	17	2												1	20								
	4	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	Q	B	B	17	2												1	20								
三	5	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	Q	B	B	17	2												1	20								
	6	J	J	J	A	A	A	A	A	A	A	A	A	A	A	A	A	Q	B	B	14	2					3							1	20								
四	7	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	L	L	B	B	15	2						2						1	5	20							
	8	O	O	O	O	O	O	O	O	O	O	O	O	O	O	P	P	Q	Q	Q													15	2	3	20							
合 计 (周)																		111	13	1	3																3	2		15	2	9	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	29.0	396	
	通识 General Education	10.0	160	
学科基础课 Disciplinary Basic Courses	必修 Compulsory	43.0	752	
	选修 Elective	12.0	192	
专业领域课 Specialty-related Courses	必修 Compulsory	42.0	720	
	选修 Elective	5.0	80	
合 计 Total		141.0	2300	
集中实践教学环节 (周) Practice Training (Weeks)	必修 Compulsory	25.0	25 周	
毕业学分要求 Credits Required for Graduation	141.0+25.0=166.0			

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
2300	1868	432	1948	352	166	139	27	25	130	11	38

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	143093	思想道德修养与法律基础 Cultivation of Thought and Morals & Fundamental of Law	必修课 C	(40) (36)				2.5	2	No8	
	143091	中国近现代史纲要 Skeleton of Chinese Modern History		(32) 24				2.0	1	No8	
	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	No8	
	143090	马克思主义基本原理 Fundamentals of Marxism Principle		(40) 36				2.5	3	No8	
	143094	形势与政策 Analysis of the Situation & Policy		(128)				2.0	1-8	No8	
	144001	大学英语(一) College English(1)		64				4.0	1	No10	
	144002	大学英语(二) College English(2)		64				4.0	2	No10	
	145223	大学计算机基础 Foundations of Computer		32				2.0	1	No5	
	152001	体育(一) Physical Education (1)		32			32	1.0	1	No12	
	152002	体育(二) Physical Education (2)		32			32	1.0	2	No12	
	152003	体育(三) Physical Education (3)		32			32	1.0	3	No12	
	152004	体育(四) Physical Education (4)		32			32	1.0	4	No12	
	106001	军事理论 Military Principle		(16)				1.0	2	No9	
		人文科学领域 Humanities		32	通识课 E				2.0		No8
		社会科学领域 Social Science		32					2.0		No8
		科学技术领域 Science and Technology		96					6.0		No8
合计 Total				556			128	39.0			

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 Hours			
学科基础课 Disciplinary Basic Courses	174188	造型基础(一) Modeling basis(I) (Sketch)	必	16				1.0	1	No1,2,1 2
	174189	造型基础(二) Modeling basis(II) (Colors)	必	16				1.0	1	No1,2,1 2
	172336	设计概论 Introduction to design	必	32				2.0	1	No1,3,4 ,5,12
	174255	中外艺术设计史(一) History of Chinese and foreign art and design(I)	必	32				2.0	2	No1,2,3 ,12

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			
	174256	中外艺术设计史（二） History of Chinese and foreign art and design(II)	必	32				2.0	2	№1,2,3,12
	174192	艺术设计与文化 Art Design and Culture (Freshman Seminar)	必	16				1.0	2	№1,2,12
	174193	艺术设计与科技 Art Design & Technology (Freshman Seminar) (Bilingual)	必	16				1.0	2	№1,3,7,8
	174194	造型基础（三） Basic Modeling (III) (Presentation Drawing Techniques)	必	64				4.0	2	№1,2,3,4,5
	172488	设计基础 I Design Basics (I) (Composition) (bilingual)	必	64				4.0	1	№1,2,3,4
	174257	设计基础 III Design Basics (III) (shape research)	必	80		32		4.0	2	№1,2,3,4,6
	172129	设计基础 II Design Basics (II) (three-dimensional construction)	必	64				4.0	2	№1,2,3,4
	172477	计算机辅助设计 II Computer aided design(II)	必	80	32			4.0	3	№1,2,3,4,5,
	172134	计算机辅助设计 III Computer aided design(III)	必	48	32			2.0	3	№1,2,5
	174206	造型基础（四） Modeling basis(IV) (Design Performance)	必	48				3.0	3	№1,2,3,4,5
	174258	产品材料与工艺 Product materials and processes	必	48				3.0	4	№1,2,4,6,7
	174236	饰品设计 Accessory design	必	32				2.0	4	№1,3,4,6,10
	172476	计算机辅助设计 I Computer aided design I	必	64	32			3.0	1	№1,2,3,4,5
	130182	设计心理学 Design Psychology	选	32				2.0	4	№6,7,8,12
	174171	视觉传达设计 Visual communication design	选	32				2.0	4	№1,2,3,4,5
	130024	人机工程学 Ergonomics	选	32				2.0	5	№1,2,3,4,6
	130151	设计管理 Design management	选	32				2.0	6	№1,2,3,4,5
	174197	专业写作 Professional writing	选	16				1.0	7	№1,2,4,5,10
	174198	创意产业与创业 Creative Industry and Entrepreneurship	选	16				1.0	7	№3,6,8,9,10,11
	174199	中国传统美术 Chinese traditional art	选	32				2.0	3	№1,5,6,9,10,12
	172641	陶艺 Ceramic Art	选	48		32		2.0	3	№1,2,4,6,7

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			
	172146	摄影 photography	选	32				2.0	3	№1,2,8 ,9,11,1 2
	174200	品牌规划与设计 Brand planning and design	选	32				2.0	6	№1,3,1 0
	174201	公共艺术 Public art	选	32				2.0	6	№1,5,6 ,9,10,1 2
	174202	时尚设计 Fashion design	选	32				2.0	6	№1,2,3 ,4,5,8,1 0,11,12
	172537	环艺设计 Environmental art design	选	32				2.0	6	№5,6,7 ,8,9,10
	174147	交互设计 Interactive Design	选	32				2.0	6	№1,2,3 ,4,5
	174170	产品设计 product design	选	32				2.0	6	№1,2,3 ,4,5
	合计 Total			必 C	752	96	32		43.0	
				选 E	选修课修读最低要求 12.0 学分 minimum elective course credits required:12					

备注：造型基础(一~四)分别为：素描、色彩、效果图技法、设计表现；设计基础（一~三）分别为：构成、立体构成、形态研究。

(1) 产品造型设计模块 (Product Design)

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			
专业领域课 Specialty-related Courses	172615	设计程序与方法 Design procedures and methods	必	32				2.0	3	№1,2,3,8,10
	172485	模型设计与制作 Model design and production	必	96		32		5.0	3	№1,2,3,4,10
	172334	产品设计策划与研发 Product design planning and research (bilingual)	必	80				5.0	4	№2,3,4,5
	174259	产品创新设计（一） Product innovation Design (I) (Emotional Design)	必	64				4.0	5	№1,2,3,4,6
	174260	产品创新设计（二） Product innovation design (II) (Digital Product Design)	必	64				4.0	5	№1,2,3,4 / 12
	174261	产品设计专题（一） Product Project Design (I) (Appliance Design)	必	80				5.0	5	№1,2,3,7,10

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-aided Class Hours	实验 Lab Hours	实践 Practice			
	174262	产品设计专题（二） Product Project Design (II) (Furniture Design)	必	80				5.0	5	№1,3,4,5,10
	174263	产品设计专题（三） Product Project Design(III) (Product Derivative Design)	必	64				4.0	6	№1,2,3,4,5
	174264	产品设计专题（四） Product Project Design (IV) (Sporting Equipment Design)	必	64				4.0	6	№1,2,3,4,5
	174265	产品设计专题（五） Product Project Design(V) (Product System Design)	必	64				4.0	6	№2,3,4,6,7
	174266	产品设计专题（六） Product Project Design(VI) (Children's Toys and Supplies)	选	64				4.0	7	№2,3,4,5,10
	174267	产品设计专题（七） Product Project Design(VII) (Interaction Design)	选	64				4.0	6	№1,2,3,4,5
	174268	产品设计专题（八） Product Project Design (VIII) (Footwear Design)	选	64				4.0	7	№1,2,3,4,5
	174186	精英课程 Elite Course	选	32				2.0	7	№6,7,8,9,10
	120003	创新研究训练 Innovation Research Training	选 E	32				2.0		
	120004	创新研究实践 I Innovation Research Practice I	选 E	32				2.0		
	120005	创新研究实践 II Innovation Research Practice II	选 E	32				2.0		
	120006	创业实践 Entrepreneurial Practice	选 E	32				2.0		
	合 计 Total			必 C	688			32	42.0	
				选 E	选修课修读最低要求 5.0 学分 minimum elective course credits required:5					

备注：产品创新设计（一～二）分别为：情感化设计、数码产品设计；产品设计专题（一～八）分别为：家电设计、家具设计、产品衍生设计、运动用品设计、系统设计、儿童玩具及用品设计、交互设计、鞋品设计。

(2) 陶瓷艺术与设计专业模块 (Ceramic Art and Design)

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			
专业领域课 Specialty- related Courses	174269	模具设计与制作 Mold design and Production	必	96		32		5.0	3	№1,2,3,4,8
	174213	中国陶瓷美术史 History of Chinese Ceramic Art	必	32				2.0	3	№1,2,4
	174270	陶瓷产品设计专题（一） Ceramic Product Design(I) (Ceramic Art)	必	96		32		5.0	4	№1,2,3,4,6
	174271	陶瓷产品设计专题（二） Ceramic Product Design (II) (Daily Ceramic Design)	必	96		32		5.0	4	№1,2,3,4,5
	174272	陶瓷产品设计专题（三） Ceramic Product Design (III) (Architectural Ceramics Design)	必	80				5.0	5	№1,3,4,6,7
	174273	陶瓷产品设计专题（四） Ceramic Product Design (IV) (sanitary ceramics design)	必	80				5.0	5	№1,2,3,4,8
	174274	陶瓷产品设计专题（五） Ceramic Product Design (V) (Ceramic Product Design and Brand Promotion)	必	80				5.0	5	№1,3,4,5,6
	174275	陶瓷产品设计专题（六） Ceramic Product Design (VI) (Fashion Ceramic Design)	必	80				5.0	6	№1,3,4,5,6
	174276	陶瓷产品设计专题（七） Ceramic Product Design (VIII) (Combined Design)	必	80				5.0	7	№1,2,3,4,6
	174127	陶瓷装饰设计（一） Ceramic decoration design(I) (Ceramic overglaze color)	选	80		32		4.0	5	№1,2,3,4,8
	174128	陶瓷装饰设计（二） Ceramic decoration design(II) (Ceramic underglaze color)	选	80		32		4.0	6	№1,2,3,4,8
	174277	陶瓷产品设计专题（八） Ceramic product design(VII) (Display Design)	选	64				4.0	7	№1,3,4,5,6
	174186	精英课程 Elite Course	选	32				2.0	7	№6,7,8,9,10
	120003	创新研究训练 Innovation Research Training	选 E	32				2.0		
	120004	创新研究实践 I Innovation Research Practice I	选 E	32				2.0		
	120005	创新研究实践 II Innovation Research Practice II	选 E	32				2.0		
	120006	创业实践 Entrepreneurial Practice	选 E	32				2.0		
	合计 Total			必 C	720		96		42.0	
			选 E	选修课修读最低要求 5.0 学分 minimum elective course credits required:5						

备注：1.陶瓷产品设计专题（一~五）分别为：陶陶艺、日用陶瓷设计、建筑陶瓷设计、卫生陶瓷设计、陶瓷产品与品牌、时尚陶瓷设计、综合设计、展示陶瓷设计；陶瓷装饰设计（一~二）分别为：陶瓷釉上彩、陶瓷釉下彩。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
174222	专业文化考察 Professional culture inspection	必	3 周		3.0	7	№4,5,6,9,12
130242	专业实习 Professional practice	必	2 周		2.0	7	№1,2,3,5,12
130036	毕业设计（论文） Graduation design (thesis)	必	15 周		15.0	8	№1,2,3,4,5,6, 7,8,9,10,11,12
合计 Total		必 C	25 周		25.0		

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（如设计竞赛、展览、学术讲座、工作坊），学分累计不少于 4 个学分。

“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.