

# Environment Design

(Grade 2022)

Course code: 130503

## I. Cultivation Objectives

### 1. General cultivation objective

Based on design and architecture, and in the context of our university's policy to support manufacturing, this program focuses on the needs of people for space in social development, with a primary focus on interior and exterior environmental design for commercial brands and contemporary urban spaces, and is dedicated to cultivating innovative and application-oriented design technical talents who use artistic design techniques to create humane and high-quality architectural interior and exterior spaces.

This program aims to cultivate innovative and application-oriented design talents who are well developed in moral, intellectual, physical and aesthetic skills, and can master the theoretical knowledge and professional skills of environmental design, pay attention to the real and future problems in the field of environmental design, have a certain sense of innovation and social responsibility, have the ability to design independently and work in teams, and are able to engage in various types of architectural interior and exterior environmental design.

### 2. Objective of value guidance

This program takes humanism and social responsibility as its value orientation, cultivates artistic perspectives, nurtures people with the spirit of craftsmanship, focuses on cultivating students to view space with humanism, understand the design concept of society with the concept of sustainability, have the design ability to change the environment with spatial construction and solve practical problems with professional engineering technology. This program cultivates designers for a new era with cultural confidence, professional ethics, social consciousnesses, innovative thinking and correct values.

### 3. Five years after graduation, students in this program should achieve the following objectives:

Five years after graduation, through practical work in enterprises and self-learning, students should be able to engage in interior design, landscape design, architectural decoration and other aspects of work in home decoration, industrial decoration, landscape, architecture and other industries or fields, and be competent to take up positions such as lead designer and project manager, and become the core player design or management in company.

## II. Graduation requirements

The program uses a combination of classroom teaching, studio teaching and social production practice to enable students to learn and master the theoretical fundamentals of Environment Design and related professional knowledge in a more systematic way, and to receive basic training in the thinking skills, methods and design skills of Environment Design. Students should be able to combine the cutting-edge concepts related to today's design disciplines, society and issues of the times. The program also provides the basic skills to work on interior and exterior environmental design based on the scientific principles of nature, ecology, society and behaviour.

We also place emphasis on the development of cooperation, diligence, pragmatism and good professional ethics and work style in the implementation of design, with special emphasis on the development of innovative thinking and technical solutions in the design of interior and landscape spaces. We have established a teaching model that

places equal emphasis on theory and practice, merges art and technology, and connects teaching to industry.

### **1. Ideological, political and moral education requirements**

Students should develop cultural confidence, learn and understand traditional and excellent architectural culture

Students should develop professional ethics and social consciousnesses, and be concerned with and aware of current issues in society

Students should be aware of professionally relevant codes.

Students should be able to think creatively.

Students should develop correct values.

### **2. Knowledge requirements**

Students should have a basic theoretical knowledge of interior and exterior environmental design

Students should master the basic methods of research in the design of indoor and outdoor environments.

Students should have an understanding of design procedures and design methods and have certain ability in design management and construction management.

Students should have knowledge of the construction of indoor and outdoor environments and have certain ability to design in construction and detail

Students should be familiar with the application of engineering techniques, industry standards and laws and regulations relevant to their profession.

### **3. Competence requirements**

#### **Professional Practice Skills**

Students should have a good command of traditional design skills, yet be proficient in the use of computer-aided design and have good ability to express the design.

Students should acquire professional skills and methods in the design of interior and exterior environments.

#### **Comprehensive competence**

Students should have a certain perspective on design and be able to present their own professional views on the corresponding design work

Students should be able to analyse current social needs and provide answers to them in relation to their profession

Students should have a sense of market consciousnesses, aesthetics, innovation and teamwork

### **4. Service orientation**

Vocational positions to which students are suited:

Students are able to work at different levels and types of jobs in design institutes or design companies in project design, technical production, organization and implementation, creative planning and design.

Students are able to work in project management in branded commercial companies, real estate development and other companies

Students can work in construction companies as project deepening and corresponding management

Students are able to start independent or joint businesses as freelance designers

## **III. Schooling System**

Four years.

## **IV. Length of Study**

Flexible study period, generally four years, the minimum length of flexibility is not less than three years, the longest not more than six years.

**V. Requirements for Graduation and Degree Conferring**

In order to graduate, students must complete the minimum number of credits required by the Instructive Cultivation Plan for each type of course and all the content required by the Extracurricular Class, with a total of 155 credits, and a Bachelor of Fine Arts degree if they meet the requirements for the award of a Bachelor's degree.

**VI. Discipline**

Discipline: Design Studies

Interdisciplinary: Architecture, Art, Landscape Architecture

**VII. Core Courses**

Design composition, preliminary architecture, interior design, landscape design, furniture design, furnishing art design, display design, public environmental facilities design, thematic design

**VIII. Course Structure and Course Hours (excluding Extracurricular Class)**

Category	Total Credit	%	Total Course Hours	Theory Learning	Practical Training
Public Fundamental Course	36.5	24	720	640	80
General Education	10	6	160	160	0
Professional Fundamental Course	28	18	448	132	316
Professional Course	79.5	52	1472	364	1108
Total	154	100	2800	1296	1504
<b>Theory:Practical</b>	46:54				

## IX. Teaching schedule (1)

Category	Type	Provided by	Course Code	Course Name	Assessment	Credit	Course Hours	Theory Learning	Practical Training	Recommended semester
Public Fundamental Course	required	School of Marxism	b1080001	Basic Principles of Marxism	test	3	48	42	6	Autumn 1
	required	School of Marxism	b1080009	Ethics and the Rule of Law	non-test	3	48	42	6	Autumn 1
	required	School of Marxism	b1080006	Outline of Modern Chinese History	non-test	3	48	42	6	Spring 1
	required	School of Marxism	b1080004	Introduction to Mao Zedong Thought and the Theoretical System of Socialism with Chinese Characteristics I	test	3	48	42	6	Autumn 2
	required	School of Marxism	b1080007	Introduction to Mao Zedong Thought and the Theoretical System of Socialism with Chinese Characteristics II	test	2	32	28	4	Spring 2
	required	School of Marxism	-----	Situation and Policy (Modules 1 to 4)	non-test	2	32	28	4	Autumn 1 to Spring 2
	required	School of Marxism	b1080008	Labour Education A	non-test	0.5	16	16		Spring 1
	required	College of Arts and Sciences	b1020018	Academic Chinese	non-test	2	32	32		Autumn 1
	required	College of Physical Education	-----	Physical Education I to VI	non-test	3	160	160		Autumn 1 to Autumn 4
	required	Others	b1110003	Military skills	non-test	0.5	2W			Autumn 1
	required	College of Arts and Sciences	b1110002	Military theory	non-test	0.5	32	32		Spring 1
	required	Engineering Training	b1090001	Basic Engineering Training	non-test	2	32		32	Autumn 1
	★ Academic English(Select 1 Module for 10 Credits)	Module A	b1020003	General English III	test	3	48	48		Autumn 1
			b1020004	General English IV	test	3	48	48		Spring 1
			b1020005	General Academic English A	test	2	32	32		Autumn 2
			---	English Knowledge Expansion	non-test	2	32	32		Spring 2
		Module B	b1020002	General English II	test	3	48	48		Autumn 1
			b1020003	General English III	test	3	48	48		Spring 1
			b1020006	General Academic English B	test	2	32	32		Autumn 2
			---	English Knowledge Expansion	non-test	2	32	32		Spring 2
		Module C	b1020001	General English I	test	4	64	64		Autumn 1
b1020002			General English II	test	3	48	48		Spring 1	
b1020003	General English III		test	3	48	48		Autumn 2		
★ Academic German	College of Arts and Sciences	b1020040	Academic German I	test	3	48	48		Autumn 1	
	College of Arts and Sciences	b1020041	Academic German II	test	3	48	48		Spring 1	
	College of Arts and Sciences	b1020042	Academic German III	test	4	64	64		Autumn 2	
★ Academic Japanese	College of Arts and Sciences	b1020077	Academic Japanese I	test	3	48	48		Autumn 1	
	College of Arts and Sciences	b1020078	Academic Japanese II	test	3	48	48		Spring 1	
	College of Arts and Sciences	b1020079	Academic Japanese III	test	4	64	64		Autumn 2	
required	Others	b1110004	Mental Health Education for University Students		2	32	16	16	Spring 1	
<b>Subtotal(Public Fundamental Course)</b>							<b>36.5</b>	<b>720</b>	<b>640</b>	<b>80</b>
General Education	selective	Art Education Center	b0-----	Aesthetic Education	non-test	2	32	32		Autumn, Spring
	selective	Others	b0-----	Social Sciences and Humanistic Qualities	non-test	4	64	64		Autumn, Spring
				Natural Sciences and Technology Innovation	non-test	4	64	64		Autumn, Spring
<b>Subtotal(General Education)</b>							<b>10</b>	<b>160</b>	<b>160</b>	

(★Note: The first foreign language is 10 credits in total, including 3 languages: Academic English, Academic German and Academic Japanese, choose the appropriate language as required; when Academic English is chosen, please choose the appropriate module in Module A, B, C)

## IX. Teaching schedule (2)

Category	Type	Provided by	Course Code	Ability Module	Course Name	Assessment	Credit	Course Hours	Theory Learning	Practical Training	Recommended semester	
Professional Fundamental Course	required	School of Applied Arts and Design	b2041098	Abilities of designing and styling	Introduction to Design	Test	2	32	20	12	Autumn 1	
	required	School of Applied Arts and Design	b2041162		Design sketches	Test	2	32	8	24	Autumn 1	
	required	School of Applied Arts and Design	b2041099		Design Composition (A)	Test	3	48	12	36	Autumn 1	
	required	School of Applied Arts and Design	b2041163		Design Composition (B)	Test	3	48	12	36	Autumn 1	
	required	School of Applied Arts and Design	b2041182		Materials and Processes	Test	3	48	12	36	Autumn 2	
	required	School of Applied Arts and Design	b2041183		Spatial consciousnesses visits	Non-Test	1	16	4	12	Summer 1	
	required	School of Applied Arts and Design	b2041184		Fundamentals of Photography	Test	2	32	8	24	Summer 1	
	<b>subtotal</b>								<b>16</b>	<b>256</b>	<b>76</b>	<b>180</b>
	required	School of Applied Arts and Design	b2041185	Abilities to express design	Architectural drawing	Test	2	32	8	24	Spring 1	
	required	School of Applied Arts and Design	b2041094		Design Expression Techniques	Test	3	48	16	32	Spring 1	
	required	School of Applied Arts and Design	b2041021		Choreography (with PS)	Test	2	32	12	20	Autumn 2	
	required	School of Applied Arts and Design	b2041186		Computer Aided Design (A)	Test	2	32	8	24	Autumn 2	
	selective 3 credits	School of Applied Arts and Design	b2041187		Computer Aided Design (B)	Test	3	48	12	36	Spring 2	
		School of Applied Arts and Design	b2041188		Computer Aided Design (C)	Test	3	48	12	36	Spring 2	
	<b>Subtotal</b>								<b>12</b>	<b>192</b>	<b>56</b>	<b>136</b>
	<b>Subtotal (Professional Fundamental Course)</b>								<b>28</b>	<b>448</b>	<b>132</b>	<b>316</b>

### IX. Teaching schedule (3)

Category	Type	Provided by	Course Code	Ability Module	Course Name	Assessment	Credit	Course Hours	Theory Learning	Practical Training	Recommended semester	
Professional Course	required	School of Applied Arts and Design	b2041071	Abilities of Environmental Design	Architectural Preliminary	test	3	48	16	32	Spring 1	
	required	School of Applied Arts and Design	b2041072		Architectural modelling	test	3	48	12	36	Spring 1	
	required	School of Applied Arts and Design	b2041073		History of Architecture and Interior	test	3	48	40	8	Spring 1	
	required	School of Applied Arts and Design	b2041189		Design thinking and expression	test	2	32	12	20	Spring 2	
	selective 2 credits	School of Applied Arts and Design	b2041096		Design Methodology	test	2	32	24	8	Autumn 2	
		School of Applied Arts and Design	b2041125		Principles of interior design	test	2	32	24	8	Autumn 2	
		School of Applied Arts and Design	b2041142		Principles of Landscape Design	test	2	32	24	8	Autumn 2	
	selective 2 credits	School of Applied Arts and Design	b2041027		Material shape (A)	test	2	32	8	24	Summer 2, Spring 2	
		School of Applied Arts and Design	b2041190		Design & Build	non-test	2	32	8	24	Summer 2, Spring 2	
	required	School of Applied Arts and Design	b2041242		Design research and analysis	non-test	2	32	8	24	Summer 2, Spring 2	
	<b>subtotal</b>							<b>17</b>	<b>272</b>	<b>120</b>	<b>152</b>	
	required	School of Applied Arts and Design	b2041070	Abilities to apply environmental design	Furniture design	test	3	48	12	36	Spring 2, Summer 2	
	required	School of Applied Arts and Design	b2041243		Interior Design (A)	test	4	64	16	48	Autumn 2	
	required	School of Applied Arts and Design	b2041122		Interior Design (B)	test	5	80	20	60	Spring 2	
	required	School of Applied Arts and Design	b2041244		Interior Design (C)	test	5	80	20	60	Autumn 3	
	required	School of Applied Arts and Design	b2041192		Landscape Design (A)	test	4	64	16	48	Autumn 3	
	required	School of Applied Arts and Design	b2041245		Landscape Design (B)	test	5	80	20	60	Spring 3	
	required	School of Applied Arts and Design	b2041193		Display Art Design	test	4	64	16	48	Spring 3	
	<b>subtotal</b>							<b>30</b>	<b>480</b>	<b>120</b>	<b>360</b>	
	required	School of Applied Arts and Design	b2041126	Abilities to apply engineering technology	Interior lighting design	test	2	32	12	20	Autumn 3	
	required	School of Applied Arts and Design	b2041194		Building Decoration Materials and	test	4	64	24	40	Spring 2, Summer 2	
	selective 2 credits	School of Applied Arts and Design	b2041246		Environmental Psychology	non-test	2	32	20	12	Spring 3, Summer 3	
		School of Applied Arts and Design	b2041083		Green and Sustainability Environment	non-test	2	32	20	12	Spring 3, Summer 3	
	<b>subtotal</b>							<b>8</b>	<b>128</b>	<b>56</b>	<b>72</b>	
	required	School of Applied Arts and Design	b2041195	Abilities to extend environmental design	Exhibition Design	test	3	48	12	36	Autumn 3	
	selective 3 credits	School of Applied Arts and Design	b2041247		Design of public environmental facilities	non-test	3	48	16	32	Spring 3, Summer 3	
		School of Applied Arts and Design	b2041248		Design Practice and Analysis	non-test	3	48	16	32	Spring 3, Summer 3	
		School of Applied Arts and Design	b2041249		Career Development and Portfolio	non-test	2	32	8	24	Spring 3, Summer 3	
selective 2 credits	School of Applied Arts and Design	b2041250	Design Workshon		non-test	2	32	8	24	Spring 3, Summer 3		
	School of Applied Arts and Design	b2041254	Public Art Design		test	4	64	16	48	Autumn 4		
selective 4 credits	School of Applied Arts and Design	b2041251	Thematic design 1		test	4	64	16	48	Autumn 4		
	School of Applied Arts and Design	b2041252	Thematic design 2		test	4	64	16	48	Autumn 4		
selective 4 credits	School of Applied Arts and Design	b2041253	Design Frontiers	test	4	64	16	48	Autumn 4			
<b>subtotal</b>							<b>16</b>	<b>256</b>	<b>68</b>	<b>188</b>		
required	School of Applied Arts and Design	b4000038	the Program of Environment Design Innovation and Entrepreneurship			non-test	2	32	0	32	Spring 2, Autumn 3	
required	School of Applied Arts and Design	b4040014	Labour Education B			non-test	0.5	16		16	Spring 3	
required	School of Applied Arts and Design	b4040010	Environment Design graduation internship and graduation design (thesis)			non-test	6	288		288	Spring 4	
<b>subtotal</b>							<b>8.5</b>	<b>336</b>		<b>336</b>		
<b>subtotal (Professional Course)</b>							<b>79.5</b>	<b>1472</b>	<b>364</b>	<b>1108</b>		
Extracurricular Class	required	Others	b5110001	Extracurricular Class		non-test	1	-	-	-	Autumn, Spring, Summer	
<b>Total</b>							<b>155</b>	<b>2800</b>	<b>1296</b>	<b>1504</b>		

## X. Prerequisite for Course Study

No.	Course Name	Prerequisite Course	No.	Course Name	Prerequisite Course
1	Design Composition (B)	Design Composition (A)	6	Interior Design (C)	Building Decoration Materials and Construction
2	Design Expression Techniques	Architectural drawing			
3	Computer Aided Design (B) (C)	Architectural drawing	7	Landscape Design (B)	Landscape Design (A)
		Computer Aided Design (A)			
4	Architectural Preliminary	Architectural drawing	8	Interior Design (B)	Computer Aided Design (B)
		Architectural modelling			Design thinking and expression
5	Interior Design (A)	Design Methodology/Interior Design Principles			
		History of Architecture and Interior Design			
		Computer Aided Design (A)			

## XI. Credit of Extracurricular Class

Through taking extracurricular classes, students are encouraged to take part in academic lectures, social practice activities, campus cultural and sports activities, innovative and entrepreneurial activities, voluntary activities, etc. to improve their social adaptability and enhance the competitiveness in the job market. Details are specified in Students' Manual.