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**1711128中国文化概论**

**课程编码：1711128**

**课程名称：**中国文化概论

**英文名称：**Chinese Culture Conception

**课程类型：**公共基础必修课

**学分：** 2 **总学时：** 32

**面向对象：**艺术设计学院本科生

**先修课程：**无

**考核形式：** 平时成绩+考试

**课程简介：**

《中国文化概论》是学科基础课程和理论课程，是一门旨在全面提升学生人文素养的文化素质教育课程。本课程的任务：通过这门课程的学习，学生能够进一步全面了解中国悠久而灿烂的传统文化，扩展知识理清脉络；学生进一步深入理解中国传统文化的内在结构与审美精神，提高自身的文化理论素养和综合的人文素养，为艺术设计实践活动奠定扎实的文化基础。教学内容重点：本课程讲述中国文化的基本特征和发展脉络，介绍传统文化中独特的哲学思维方式和艺术审美特征，讲授传统文化的特殊价值以及现代重建等理论问题，介绍传统文化中周易、儒家、道家、禅宗思想及对中国文化的深远影响。教学内容难点：中国文化与艺术设计之间的关系，中国文化中的表征符号、价值观念、思维方式等对艺术设计的深刻影响。

**推荐教材或主要参考书：**（含主编，教材名，出版社，出版日期）

[1] 张岱年，方克立主编，中国文化概论（修订版），北京：北京师范大学出版社，2004年

[2] 金元浦，谭好哲，陆学明主编．中国文化概论，北京：首都师范大学出版社，1999年

[3] 冯友兰著，中国哲学史，上海：华东师范大学出版社，2000年

**1711128 Chinese Culture Conception**

**Course Number: 1711128**

**Course Title:** Chinese Culture Conception

**English Name:**  Chinese Culture Conception

**Course Type:** Public Basic Compulsory Courses

**Credit:** 2 **Total Credit** **Hours**: 32

**Students:** Undergraduate students in College of Art and Design

**Prerequisites:** None

**Evaluation Method:** course participation + written exams

**Course Description:**

Chinese Culture Conception is a discipline basic course and theoretical course, and a cultural quality education course aiming at comprehensively improving students' humanistic quality. The main target of this course: through learning this course, students can further fully understand China's long and splendid traditional culture, expand their knowledge and clarify the context; further understand the internal structure and aesthetic spirit of Chinese traditional culture, improve their cultural theory and comprehensive humanistic quality, and lay a solid cultural foundation for art design practice. Course focus: The basic characteristics and development context of Chinese culture, the unique philosophical thinking mode and artistic aesthetic characteristics of traditional culture, the special value of traditional culture and theoretical issues such as modern reconstruction, and Zhouyi, Confucianism, Taoism and Zen thoughts in traditional culture and their far-reaching impact on Chinese culture. Difficulties of teaching contents: The relationship between Chinese culture and art design, the symbolic signs, values and ways of thinking in Chinese culture have a profound impact on art design.

**Recommended Textbooks/References:** (including chief editor, textbook name, press and publication date)

[1] Zhang Dainian and Fang Keli (Editor-in-chief), Chinese Culture Conception (Revision), Beijing: Beijing Normal University Press, 2004

[2] Jin Yuanpu, Tan Haozhe and Lu Xueming (Editor-in-chief), Chinese Culture Conception (Revision), Beijing: Capital Normal University Press, 1999

[3] Feng Youlan, The History of Chinese Philosophy, Shanghai: East China Normal University Press, 2000

**1711129 西方文化概论**

**课程编码：1711129**

**课程名称：**西方文化概论

**英文名称：**An Introduction to Western Culture

**课程类型：**公共基础必修课

**学分：** 2 **总学时：** 32

**面向对象：**设计类和美术类本科生

**先修课程：**无

**考核形式：** 平时成绩+考查

**课程简介：**

西方文化概论是艺术设计学院为设计类和美术类专业本科生开设的公共基础必修课程类型。本课程的任务是着重介绍西方人文思想传统的发展情况，对西方文化的发展脉络作系统性叙述，探寻西方文化的起源、形成、发展、面貌特征及对世界文化进程的影响并对其进行评价。教学内容重点：西方文化的发展历程；西方文化的体系构成；西方文化各领域的发展成果和现状；铸造人文精神和培养批判意识。教学内容的难点：视西方文化为有机生命体，梳理其内在的文化逻辑，把握其内在精神（联系），以宏观的视野和博大的胸怀，合理看待文化全球化时代的西方文化。

**推荐教材或主要参考书：**

[1] 方汉文，西方文化概论（第3版），中国人民大学出版社，2018年6月

[2] 赵林，西方文化概论（修订版），高等教育出版社，2008年3月

[3] （加）梁鹤年，西方文明的文化基因，生活•读书•新知三联书店，2014年3月

[4] （澳） [约翰·赫斯特](https://book.douban.com/author/2292382/)，你一定爱读的极简欧洲史，广州师范大学出版社，2011年11月

[5] （美）[马克·凯什岚斯基](http://book.jd.com/writer/%E9%A9%AC%E5%85%8B%C2%B7%E5%87%AF%E4%BB%80%E5%B2%9A%E6%96%AF%E5%9F%BA_1.html)，[帕特里克·吉尔里](http://book.jd.com/writer/%E5%B8%95%E7%89%B9%E9%87%8C%E5%85%8B%C2%B7%E5%90%89%E5%B0%94%E9%87%8C_1.html)，[帕特里夏·奥布赖恩](http://book.jd.com/writer/%E5%B8%95%E7%89%B9%E9%87%8C%E5%A4%8F%C2%B7%E5%A5%A5%E5%B8%83%E8%B5%96%E6%81%A9_1.html)，西方文明史：延续不断的遗产（第五版），中国人民大学出版社，2014年6月

[6] （美）[雅克·巴尔赞](http://book.jd.com/writer/%E9%9B%85%E5%85%8B%C2%B7%E5%B7%B4%E5%B0%94%E8%B5%9E_1.html)，从黎明到衰落：西方文化生活五百年，1500年至今，中信出版社，2013年11月**1711129 An Introduction to Western Culture**

**Course Number: 1711129**

**Course Title:** An Introduction to Western Culture

**English Name:** An Introduction to Western Culture

**Course Type:** Public Basic Compulsory Courses

**Credit:** 2 **Total Credit** **Hours**: 32

**Students:** Undergraduate students majoring in design and fine arts

**Prerequisites:** None

**Evaluation Method:** course participation + evaluation

**Course Description:**

An Introduction to Western Culture is a public basic compulsory course offered by the College of Art and Design for undergraduate students majoring in design and fine arts. The main target of this course is to mainly introduce the development of western humanistic thought tradition, systematically describe the development context of western culture, explore the origin, formation, development, features and influence of western culture on the process of world culture, and make evaluation. Course focus: The development of western culture; the system composition of western culture; the development achievements and current situation of various fields of western culture; casting humanistic spirit and cultivating critical consciousness. Difficulties of teaching content: Regard western culture as an organic life, sort out its internal cultural logic, grasp its internal spirit (connection), and treat western culture in the era of cultural globalization reasonably with a macro vision and broad mind.

**Recommended Textbooks/References:**

[1] Fang Hanwen, An Introduction to Western Culture (3rd Edition), China Renmin University Press, June 2018

[2] Zhao Lin, An Introduction to Western Culture (Revision), Higher Education Press, March 2008

[3] (Canada) Liang Henian, The Cultural DNA of Western Civilization, Beijing: Life•Reading•New Knowledge Sanlian Bookstore, March 2014

Ususal[4] (Australia) [John Hirst](https://book.douban.com/author/2292382/), The Shortest History of Europe, Guangzhou Normal University Press, November 2011

[5] (USA) [Mark Kishlansky](http://book.jd.com/writer/%E9%A9%AC%E5%85%8B%C2%B7%E5%87%AF%E4%BB%80%E5%B2%9A%E6%96%AF%E5%9F%BA_1.html), [Patrick Geary](http://book.jd.com/writer/%E5%B8%95%E7%89%B9%E9%87%8C%E5%85%8B%C2%B7%E5%90%89%E5%B0%94%E9%87%8C_1.html), [Patricia O'Brien](http://book.jd.com/writer/%E5%B8%95%E7%89%B9%E9%87%8C%E5%A4%8F%C2%B7%E5%A5%A5%E5%B8%83%E8%B5%96%E6%81%A9_1.html), A Brief History of Western Civilization, The Unfinished Legacy (Fifth Edition), China Renmin University Press, June 2014

[6] (USA) [Jacques·Barzun](http://book.jd.com/writer/%E9%9B%85%E5%85%8B%C2%B7%E5%B7%B4%E5%B0%94%E8%B5%9E_1.html), From Dawn to Decadence:500 Years of Western Cultural Life, 1500 to the Present, CITIC Publishing House, November 2013

**1700019 造型基础A**

**课程编码：**1700019

**课程名称：**造型基础A

**英文名称：**Modeling Foundation A

**课程类型：**公共基础必修课

**学分：**3 **总学时：**48

**面向对象：**设计学类本科生

**先修课程：**无

**考核形式：**平时成绩+大作业成绩

**课程简介：**

本课程是设计学专业的公共基础必修课程。主要教学内容为分为两个部分：一，以直觉、主观表达为主的设计素描，通过构图、光影、形态、质感、画面组织与重构等，培养学生的审美能力和想象力，引导学生从对客观表象的再现逐步深入到对艺术语言探讨和审美规律的研究。二，以理性分析、客观表达为主的结构素描，通过透视、比例、空间与结构分析，培养学生对客观对象从二维到三维的空间转换能力，掌握概括归纳对象空间关系与形体之间结构关系的能力。通过相关训练，使学生具备感性表达与理性分析的综合能力和手绘表达能力，为后续的专业设计课程打下良好的基础。

**教学内容重点：**

1、造型基础知识；

2、设计素描表现形式和特征，研究内容与方法；

3、设计素描表达方式与表现手法；

4、结构素描表现形式和特征，研究内容与方法；

5、结构素描的基本训练方法。

**教学内容的难点：**

1、结构素描与传统素描的区别；

2、物体结构与空间关系的准确理解；

3、平面视图与透视视图的多视图转换，复杂形态结构的六面体表达。

**推荐主要参考书：**

[1] 郑泓. 设计素描. 北京：中国纺织出版社，2011年7月.

[2] 彭建斌. 设计素描. 南昌：江西美术出版社，2013年12月

[3] 吴华先 译. 设计素描:瑞士巴塞尔设计学校基础教学大纲. 上海：上海人民美术出版社，1985年5月

**1700019 Modeling Foundation A**

**Course Number:** 1700019

**Course Title:** Modeling Foundation A

**English Name:** Modeling Foundation A

**Course Type:** Public Basic Compulsory Courses

**Credit:** 3 **Total Credit** **Hours**: 48

**Students:** Undergraduate students majoring in design

**Prerequisites:** None

**Evaluation Method:** course participation + assignment performance

**Course Description:**

This course is a public basic compulsory course for undergraduate students majoring in design. The main teaching content consists of two parts: I. Design sketch based on intuition and subjective expression is to cultivate students' aesthetic ability and imagination through composition, light and shadow, form, texture, picture organization and reconstruction, and guide students to discuss from reproduction of objective representation to discussion of art language and study the aesthetic law. II. Structure sketch based on rational analysis and objective expression is to cultivate students' spatial transformation ability of objective objects from two-dimensional to three-dimensional, and master the ability to summarize the spatial relationship of objects and the structural relationship between shapes through perspectivity, proportion, spatial and structural analysis. Through relevant practice, students can possess the comprehensive ability of perceptual expression and rational analysis and the ability of hand-painted expression, so as to lay a good foundation for subsequent professional design courses.

**Course focus:**

1. Modeling basics;

2. Expression forms and characteristics, research contents and methods of design sketch;

3. Expression forms and methods of design sketch;

4. Expression forms and characteristics, research contents and methods of structure sketch;

5. Basic training methods of structure sketch.

**The difficulties of teaching content:**

1. Difference between structure sketch and traditional sketch;

2. Accurate understanding of object structure and spatial relationship;

3. Multi-view conversion of plane view and perspective view and hexahedron expression of complex morphological structure.

**Recommended Textbooks/References:**

[1] Zheng Hong, Design Sketch, Beijing: China Textile Press, July 2011.

[2] Peng Jianbin, Design Sketch, Nanchang: Jiangxi Fine Arts Publishing House, December 2013

[3] Wu Huaxian (Translator), Design Sketch: Basic Syllabus of Basel Design School in Switzerland, Shanghai: Shanghai People's Art Publishing House, May 1985

# 1700020 造型基础B

**课程编码：**1700020

**课程名称：**造型基础B

**英文名称：**Modeling Foundation B

**课程性质：**公共基础必修课

**学分：**3 **总学时：**48

**面向对象：**设计学类本科生

**先修课程：**造型基础A

**考核形式：**平时成绩+考试

**课程简介：**

本课程是设计学类专业的公共基础必修课，是设计学专业学生进入专业学习之前的基础课程，课程内容为设计色彩的相关知识。造型基础分为形态与色彩两部分内容，本课程通过学习色彩基础理论知识，使学生了解设计色彩与绘画色彩以及艺术与设计的相互关系。通过设计色彩的相关训练，提高学生对于色彩的概括、提炼能力以及色彩的抽象表达能力，培养学生掌握正确的观察方法和敏锐的色彩感觉，掌握色彩的表现规律与方法，引导学生从感性出发到理性思考，使学生具备运用色彩进行抽象表达和主观创作的能力，为学生在后续的专业设计中色彩运用打下基础。同时，通过中外文化的比较，使学生了解中国传统文化在世界文明发展中的历史地位与特点，将民族自信、行为规范、人文素养与职业素养、思维方法、融入到学生的学习任务中。

**教学内容重点：**使学生具备运用色彩进行抽象表达和主观创作的能力。

**教学内容难点：**从感性出发到理性思考的转变。

**推荐主要参考书：**

[1] 作者:苏玲《设计色彩》 华中科技大学出版社， 2013年9月

[2] 作者:梁景红 《写给大家看的色彩书1——设计配色基础》人民邮电出版社 2011年1月

[3] 作者:（日）伊达千代 著 悦知文化 译， 《设计的原理3：色彩设计的原理》出版社:中信出版社 2011年10月

[4] 作者:（韩）金容淑 著，武传海，曹婷 译 《设计中的色彩心理学》 人民邮电出版社， 2011年1月

[5] 作者:钟蜀珩著，《色彩构成》，中国美术学院出版社，2005年1月.

[6] 作者:李晴著《抽象之美--抽象绘画创作论》山东美术出版社， 2012年5月

# 1700020 Modeling Foundation B

**Course Number:** 1700020

**Course Title:** Modeling Foundation B

**English Name:** Modeling Foundation B

**Course Nature:** Public Basic Compulsory Courses

**Credit:** 3 **Total Credit** **Hours**: 48

**Students:** Undergraduate students majoring in design

**Prerequisites:** Modeling Foundation A

**Evaluation Method:** course participation + written exams

**Course Description:**

This course is a public basic compulsory course for students majoring in design. It is a basic course for students majoring in design before the professional study. The content of the course is related to the knowledge of color design. Modeling Foundation consists of two parts: form and color. This course aims to enable students to understand the relationship between design color and painting color, as well as art and design through learning the basic theory of color. Through relevant training of design colors, this course aims to improve the students' ability to summarize and refine color and the abstract expression ability of color, cultivate students to master correct observation methods and keen color feeling, master the expression laws and methods of color, guide students to have perceptual thinking to rational thinking, and enable students to use color for abstract expression and subjective creation and lay a foundation for color use in subsequent professional design. Meanwhile, through the comparison of Chinese and foreign cultures, students can understand the historical status and characteristics of Chinese traditional culture in the development of world civilization, and integrate national self-confidence, code of conduct, humanistic and professional quality and thinking methods are integrated into learning tasks.

Course focus: Students have the ability of abstract expression and subjective creation with color.

The difficulties of teaching content: A shift from perceptual thinking to rational thinking.

**Recommended Textbooks/References:**

[1] Su Ling (Author), Design Color, Huazhong University of Science and Technology Press, September 2013

[2] Liang Jinghong (Author), Color Book for Everyone 1---Basis of Design Color Matching, Posts and Telecom Press, January 2011

[3] (Japan) Ida Qiandai (Author), Delight Press (Translator), Principle of Design 3: Principle of Color Design, CITIC Publishing House, October 2011

[4] (Korea) Jin Rongshu (Author), Wu Chuanhai and Cao Ting (Translator), Color Psychology in Design, Posts and Telecom Press, January 2011

[5] Zhong Shuhang (Author), Color Composition, China Academy of Art Press, January 2005

[6] Li Qing (Author), The Beauty of Abstract---On the Creation of Abstract Painting, Shandong Fine Arts Publishing House, May 2012

**1760039 设计思维**

**课程编码：**1760039

**课程名称：**设计思维

**英文名称：** Design Thinking

**课程类型：**公共基础必修课

**学分：** 3 **总学时：** 48

**面向对象：**设计学类本科生

**先修课程：**无

**考核形式：** 平时成绩+考试

**课程简介：**

设计思维是艺术设计学院为设计学专业本科生开设的公共基础必修课程类型。本课程的任务是以设计行为和设计内容为中心，提供了设计思维扩展和聚敛的方法，提供了艺术设计内容的思维方式、黏着方式。文化结构、文化生产、文化价值在设计思维中具有核心地位。本课程是哲学与应用学科之间搭建桥梁，希望为行为与思想、历史与当下之间的转换形成畅达的思维通道。通过本课程地学习，使学生能够明白人类对生活意义、生活福祉追求的始终如一，变化的只是实现意义的技术、表现意义的形式。通过这种方式，探索了设计的内容、设计的意义、设计的形态、设计的技术等。教学内容重点：（1）学生能够深入理解Design Thinking的思维方式；（2）学生通过学习、教学、实践的循环不断产生新的创意；（3）学生的开放性创新思维和运用其解决问题的能力；（4）学生通过课程，能够更多地关注社会问题。教学内容的难点：（1）学生通过课程，能够视觉化思考问题；（2）学生通过分析问题，能够提出设计作品原型；（3）学生通过测试产品原型，能够重新审视自己的设计作品；（4）学生通过课程，能够更懂得如何在团队里与人合作。

**推荐教材或主要参考书：**

[1]（德）迈克尔·勒威克.《设计思维手册：斯坦福创新方法论》.机械工业出版社.2019年

[2] 叶丹. 《设计思维与方法》.化学工业出版社.2019年

[3]刘静伟.《设计思维（第2版）》.化学工业出版社.2018年

[4] 张燕根，丁硕赜，张泽佳.《公共艺术设计》. 人民邮电出版社.2015年

**1760039 Design Thinking**

**Course Number:** 1760039

**Course Title:** Design Thinking

**English Name:**  **Design Thinking**

**Course Type:** Public Basic Compulsory Courses

**Credit:** 3 **Total Credit** **Hours**: 48

**Students:** Undergraduate students majoring in design

**Prerequisites:** None

**Evaluation Method:** course participation + written exams

**Course Description:**

Design Thinking is a public basic compulsory course offered by the College of Art and Design for undergraduate students majoring in design. The main target of this course is to provide the design thinking expansion and convergence method, the art design content thinking mode and adhesion mode with the center of design behavior and design content. Cultural structure, cultural production and cultural value play a core role in design thinking. This course is a bridge between philosophy and applied disciplines, aiming to form a smooth thinking channel for the transformation between behavior and thought, history and the present. Through learning this course, students can understand that human beings pursue the meaning and well-being of life consistently, and What has changed is the technology to realize meaning and the form to express meaning. Explore the content, meaning, form and technology of design by this way. Course focus:(1) Students can deeply understand the way of Design Thinking; (2) Students constantly generate new ideas through the cycle of learning, teaching and practice; (3) Students possess open and innovative thinking and ability to solve problems; (4) Students can pay more attention to social problems through the course. The difficulties of teaching content:(1) Students can think visually through the course; (2) Students can put forward the prototype of design works by analyzing problems; (3) Students can re-examine their design works by testing product prototypes; (4) Through learning this course, students can better understand how to cooperate with others in the team.

**Recommended Textbooks/References:**

**[1] (Germany) Michael Lerwick, The Design Thinking Playbook: Stanford Innovation Methodology, China Machine Press, 2019**

**[2] Ye Dan, Design Thought and Method, Chemical Industry Press, 2019**

**[3] Liu Jingwei, Design Thought (2nd Edition), Chemical Industry Press, 2018**

**[4] Zhang Yangen, Ding Shuoze, Zhang Zejia, Public Art Design, Posts and Telecom Press, 2015**

**1711150 形式语言1**

**课程编号：**1711150

**课程名称：**形式语言1

**英文名称：**Form Language 1

**课程性质：**公共基础必修课

**学分：**4.0  **学时：**64

**面向对象：**设计学类本科生

**先修课程：**造型基础A、造型基础B

**考试形式：**平时成绩+考查

**课程简介：**

形式语言1包含平面构成和色彩构成。平面构成重点阐述以点、线、面为主要形式语言要素的形式构成法则和构成规律。讲述形态从具象到抽象，从常态到非常态的发生与演化过程与方法。色彩构成从光领域的色彩生成进入色彩构成的基本理论内容。包括色彩三要素；奥斯特瓦德、伊顿色环、孟赛尔色立体等。从色彩的调配技巧、色彩秩序、色彩空间配置到色彩专业性设计语言的转换尝试。介绍形式语言的构成手段在设计运用中的成功案例。在教学中注重中国传统文化与形式语言的结合，包括图形语言与色彩表现。

**推荐教材或主要参考书**：

[1] 辛华泉.《平面构成》. 湖北美术出版社，2002年8月

[2] [俄]瓦西里康定斯基.《点 线 面—抽象艺术的基础》上海人民美术出版社，1988年

[3] [日]朝仓直已. 《艺术设计的平面构成》. 上海人民美术出版社，1988年3月

[4] 辛华泉.《色彩构成》. 湖北美术出版社，2002年8月

[5] 钱品辉.《色彩构成》. 人民美术出版社，2013年

[6] 陈重武.《新色彩构成》. 天津美术出版社，2004年3月

[7] 古大治等编著.《色彩与图形视觉原理》. 科学出版社，2000年

**1711150 Form Language 1**

**Course Number**: 1711150

**Course Title:** Form Language 1

**English Name:** Form Language 1

**Course Nature:** Public Basic Compulsory Courses

**Credit:** 4.0 **Credit Hours**: 64

**Students:** Undergraduate students majoring in design

**Prerequisites:** Modeling Foundation A, Modeling Foundation B

**Exam form:** course participation + evaluation

**Course Description:**

Form Language 1 consists of plane composition and color composition. Plane composition focuses on the formal composition rules and composition rules with points, lines and planes as the main elements of form language. It clarifies the occurrence and evolution process and method of form from concrete to abstract, from normal to abnormal and basic theory of color composition entering the color composition from the color generation in the field of light, including three elements of color; Ostwald, Eaton color ring, Munsell color stereo, etc., from color deployment skills, color order, color space configuration to color professional design language. This course introduces the successful cases of the constituent means of formal language in the application of design. This course focuses on the combination of Chinese traditional culture and formal language in teaching, including graphic language and color expression.

**Recommended Textbooks/References:**

[1] Xin Huaquan, Plane Composition, Hubei Fine Arts Publishing House, August 2002

[2] [Russia] Wassily Kandinsky, Punkt Und Linie Zu Fiache, 1988

[3] [Japan] Chaocang Zhisi, Graphic Composition of Art Design, Shanghai People's Fine Arts Publishing House, March 1988

[4] Xin Huaquan, Color Composition, Hubei Fine Arts Publishing House, August 2002

[5] Qian Pinhui, Color Composition, People's Fine Arts Publishing House, 2013

[6] Chen Zhongwu, New Color Composition, Tianjin People's Fine Arts Publishing House, March 2004

[7] Gu Dazhi, et al. Color and Form Perception, Science Press, 2000

**1711654 形式语言2**

**课程编号：**1711654

**课程名称：**形式语言2

**英文名称：**Form Language 2

**课程性质：**公共基础必修课

**学分：**3.0 **学时：**48

**面向对象：**设计学专业本科生

**先修课程：**造型基础A、造型基础B、形式语言1

**考核形式：** 平时成绩+考查

**课程简介：**

形式语言2阐述立体构成的概念和特征，完成二维平面到三维立体的思维转换。学习从自然形态的观察到立体形态的创造，包括形态要素的分类；半立体空间的分析与创造；材料的分类与使用；材料力学；发现新材料；材料的制作工艺；线的立体形态特征与构成方法；构成的视觉关系分析、视觉概念的形式法则；面的立体形态特征与构成方法；物体的表现性、美感与空间感；体块的立体形态特征与构成方法等。在教学中注重中国传统文化与形式语言的结合，包括材料语言与空间表现。

**推荐教材或主要参考书：**

[1] 辛华泉.《立体构成》. 湖北美术出版社，2002年8月

[2] 刘汉民.《立体构成》. 清华大学出版社，2010年

[3] 张佳宁，易琳.《立体构成及应用》. 清华大学出版社，2010年

**1711654 Form Language 2**

Course Number: 1711654

**Course Title:** Form Language 2

**English Name:** Form Language 2

**Course Nature:** Public Basic Compulsory Courses

**Credit:** 3.0 **Credit Hours**: 48

**Students:** Undergraduate students majoring in design

**Prerequisites:** Modeling Foundation A, Modeling Foundation B, Form Language 1

**Evaluation Method:** course participation + evaluation

**Course Description:**

Form Language 2 clarifies the concept and characteristics of 3D composition and completes the transformation from 2D to 3D thinking. Students can learn from the observation of natural form to the creation of three-dimensional form, including the classification of form elements; analysis and creation of semi three-dimensional space; classification and use of materials; mechanics of materials; discovery of new materials; manufacturing process of materials; the three-dimensional morphological characteristics and composition methods of lines; the analysis of visual relations and the formal rules of visual concepts; the three-dimensional morphological characteristics and composition methods of the surface; the expressiveness, aesthetic feeling and sense of space of objects; and the three-dimensional morphological characteristics and composition methods of the block. This course focuses on the combination of Chinese traditional culture and formal language in teaching, including material language and space expression.

**Recommended Textbooks/References:**

[1] Xin Huaquan, 3D Composition, Hubei Fine Arts Publishing House, August 2002

[2] Liu Hanmin, 3D Composition, Tsinghua University Press, 2010

[3] Zhang Jianing, Yi Lin, 3D Composition and Application, Tsinghua University Press, 2010

**1760040 图案**

**课程编码：**1760040

**课程名称：**图案

**英文名称：**Pattern

**课程类型：**学科基础必修课

**学分：** 3 **总学时：** 48

**面向对象：**设计学类本科生

**先修课程：**无

**考核形式：** 平时作业成绩

**课程简介：**

 图案是艺术设计学院为设计学类专业本科生开设的学科基础必修类型课程。本课程的任务是了解中国传统纹样发展的多样性，通过临摹，体会传统构图方式、造型方法及色彩的运用。教学内容重点：学习图案的构成规律, 并通过练习逐步掌握单独纹样、适合纹样、二方连续等基本的构成方法。教学内容的难点：让学生在探究式的学习中感悟到中国传统图案纹样的造型方法是以朴素、单纯、富有生趣的一种独特的形式来表达的，理解图案的形式美法则，从而使学生在今后的设计领域中为传统图案纹样运用提供更大的空间。

**推荐教材或主要参考书：**

[1] 雷圭元 著 杨成寅、林文霞记录整理，《雷圭元论图案艺术》，浙江美术学院出版社，1992年

[2] 廖延彦 编 《雷圭元文集》，山东美术出版社，2011年3月

**1760040 Pattern**

**Course Number:** 1760040

**Course Title:** Pattern

**English Name:** Pattern

**Course Type:** Discipline basic compulsory courses

**Credit:** 3 **Total Credit** **Hours**: 48

**Students:** Undergraduate students majoring in design

**Prerequisites:** None

**Evaluation Method:** Usual assignment performance

**Course Description:**

Pattern is a discipline basic compulsory course offered by the College of Art and Design for undergraduate students majoring in design. The main target of this course is to understand the diversity of the development of Chinese traditional patterns and experience the traditional composition methods, modeling methods and the use of color through copying. Course focus: Learn the composition rules of pattern, and gradually master the basic composition methods of individual patterns, suitable patterns and two-way continuity through practice. The difficulties of teaching content: Students can realize that the modeling method of Chinese traditional patterns is expressed in a simple, pure and interesting unique form in inquiry learning, and understand the formal beauty law of patterns, so that students can provide more space for the application of traditional patterns in the field of design in the future.

**Recommended Textbooks/References:**

[1] Lei Guiyuan, sorted byYang Chengyin, Lin Wenxia, Lei Guiyuan on Pattern Art, Zhejiang Fine Arts Publishing House, 1992

[2] Liao Yanyan, Collected Works by Lei Guiyuan, Shandong Fine Arts Publishing House, March 2011

**1711132 设计史**

**课程编码：1711132**

**课程名称：**设计史

**英文名称：**Design History

**课程类型：**公共基础必修课

**学分：2** **总学时：32**学时

**面向对象：**本科生一年级

**先修课程：** 其他公共基础课

**考核形式：** 平时成绩+考试

**课程简介：**

本课程是艺术设计学院为本科生开设的公共基础理论课程。本课程的任务是在学生进入学科的初级阶段提高专业理论认知与评价能力，提高专业素质，夯实专业基础知识储备。教学内容重点是设计的学科定位及设计发展历史中的重点事件、人物、风格及作品等内容，学生学习期间领会设计概念来源与近百年设计发展历史，以工业革命后的设计风格演变为基础内容，难点是设计与市场、设计与环境、设计与文化、设计教育、设计的发展趋势等，增加学生进入学科前的专业理解程度，达到提升未来设计发展潜力的深度目的。

**推荐教材或主要参考书：**

1 《世界设计史》 .王受之. 中国青年出版社. 2002.9.1

2 《平面设计简史》扈秀丽编..北京理工大学出版社，2009.

3 《西方现代艺术设计简史》郑立君等著 上海人民美术出版社，2005.

4 《视觉与眼睛[:图画再现心理学的再研究》](http://www.amazon.cn/%E5%9B%BE%E5%83%8F%E4%B8%8E%E7%9C%BC%E7%9D%9B-%E5%9B%BE%E7%94%BB%E5%86%8D%E7%8E%B0%E5%BF%83%E7%90%86%E5%AD%A6%E7%9A%84%E5%86%8D%E7%A0%94%E7%A9%B6-E-H-%E8%B4%A1%E5%B8%83%E9%87%8C%E5%B8%8C/dp/B00EXH7V76/ref%3Dsr_1_fkmr0_1?s=books&ie=UTF8&qid=1451972309&sr=1-1-fkmr0&keywords=%E8%A7%86%E8%A7%89%E4%B8%8E%E7%9C%BC%E7%9D%9B+++%E8%B4%A1%E5%B8%83%E9%87%8C%E5%B8%8C)E.H.贡布里希 (E.H.Gombrich)(作者), 范景中(译者),杨思梁(译者),徐一维(译者). 广西美术出版社 . 2013.7.1.

**1711132 Design History**

**Course Number:** 1711132

**Course Title:** Design History

**Course Type:** Compulsory Common Basic Courses

**Credit:** 2  **Total Credit Hours:** 32

**Students:** Undergraduate students

**Prerequisites:** Other Public Basic Courses

**Evaluation Method:** Course participation usual score +examination

**Course Description:**

This course is a public basic theory course for undergraduates of art and design college. The task of this course is to improve the cognitive and evaluation ability of professional theory, improve the professional quality and consolidate the reserve of professional basic knowledge at the initial stage of students' entering the discipline. The teaching content focuses on the subject orientation of design and the key events, characters, styles and works in the history of design development. During the study period, students can understand the origin of design concept and the development history of nearly 100 years. Based on the evolution of design style after the industrial revolution, the difficulty is the development trend of design and market, design and environment, design and culture, design education and design. To increase students' professional understanding before entering the discipline, so as to achieve the purpose of enhancing the development potential of future design.

**Recommended Textbooks/References:**

[1] Wang Shouzhi. World design history. China Youth Press. September 1, 2002

[2]Hu Xiuli. A brief history of graphic design. Beijing institute of technology press, 2009

[3] Zheng Lijun, et al. A brief history of western modern art design, Shanghai People's fine arts publishing house, 2005

[4] Zhao Lixin, sun Weiwei, fan Dawei, Wang Xiaona, introduction to industrial design (Bilingual Edition) (series of teaching materials for industrial design in Colleges and universities), China Water Conservancy and Hydropower Press, 2016

**1760041 中国工艺美术史**

**课程编码：**1760041

**课程名称：**中国工艺美术史

**英文名称：**History of Chinese Arts and Crafts

**课程类型：**公共基础必修课

**学分：** 2 **总学时：** 32

**面向对象：**设计学类本科生

**先修课程：**无

**考核形式：** 平时成绩+考试

**课程简介：**

中国工艺美术史是艺术设计学院为设计学类专业本科生开设的学科基础必修课程类型。本课程的任务是依托大量的文献史料和相关图片，在介绍各历史时期各工艺类别代表性作品的同时，对相关的工艺技法进行解读，从而进一步梳理中国文化的发展脉络和审美的变迁，做到古物新知。教学内容重点：较为全面的对我国不同时期工艺美术的背景、发展、成就、艺术风格进行介绍，明晰各工艺美术类别的发展进程，对我国在造物中的优秀传统文化有认知。教学内容的难点：让学生对不同时代不同造物有对应性的审美，从而对中国工艺美术品具备一定的鉴赏能力和批评能力，并可以对工艺美术作品做出深入有效的分析认识，为日后的设计实践积累素材。

 [1] 田自秉，中国工艺美术史，东方出版社，2010年4月

[2] 尚刚，中国工艺美术史新编，高等教育出版社，2007年2月

**1760041 History of Chinese Arts and Crafts**

**Course Number:** 1760041

**Course Title:** History of Chinese Arts and Crafts

**English Name:** History of Chinese Arts and Crafts

**Course Type:** Public Basic Compulsory Courses

**Credit:** 2 **Total Credit** **Hours**: 32

**Students:** Undergraduate students majoring in design

**Prerequisites:** None

**Evaluation Method:** course participation + written exams

**Course Description:**

History of Chinese Arts and Crafts is a discipline basic compulsory course offered by the College of Art and Design for undergraduate students majoring in design. The main target of this course is to introduce the representative works of various craft categories in various historical periods, and interpret the relevant craft techniques based on a large number of documents, historical materials and relevant pictures, so as to further sort out the development context of Chinese culture and aesthetic changes and learn new knowledge of antiquities. Course focus: A more comprehensive introduction to the background, development, achievement and artistic style of China's arts and crafts in different periods, clear understanding of the development process of each category of arts and crafts, and the cognition of China's excellent traditional culture in the creation. The difficulties of teaching content: Enable students to have corresponding aesthetics of different creations in different times, so as to have a certain appreciation and criticism ability of Chinese arts and crafts, make in-depth and effective analysis and understanding of arts and crafts works, and accumulate materials for future design practice.

 [1] Tian Zibing, History of Chinese Arts and Crafts, Oriental Press, April 2010

[2] Shang Gang, New History of Chinese Arts and Crafts, Higher Education Press, February 2007

**1760042 设计技术**

**课程编码：**1760042

**课程名称：**设计技术

**英文名称：**Design technology

**课程类型：**公共基础必修课

**学分：** 2 **总学时：** 32

**面向对象：**设计学类本科生

**先修课程：**造型基础A、造型基础B

**考核形式：** 平时成绩+主题作业成绩

**课程简介：**

作为计算机辅助设计课程，学生需配备电脑。课堂教学是育人主渠道，培养学生立足时代、扎根人民、深入生活，并树立正确艺术观和创作观。讲解平面数字表现基本方法与技巧，熟悉计算机辅助设计流程。教学中以设计案例作为切入点，讲授与实践相结合，旨在让学生能够利用现代设计方法表达设计诉求，为后续课程奠定扎实基础。教学中坚持以美育人、以美化人，积极弘扬中华美育精神，引导学生自觉传承和弘扬中华优秀传统文化，全面提高学生审美和人文素养，增强文化自信。

教学内容的重点：结合“思政教育”运用数字化工具进行艺术造型设计、色彩表现、版式设计等方法。

教学内容的难点：学生如何针对自身专业所需，将数字化工具配合相关专业灵活运用。

**推荐教材或主要参考书：**

[1]安德鲁·福克纳.《Adobe Photoshop CC 2019经典教程》.人民邮电出版社，2019年12月

[2]赵飒飒.《中文版Illustrator商业案例项目设计完全解析》.清华大学出版社，2019年9月

**1760042 Design Technology**

**Course Number:** 1760042

**Course Title:** Design Technology

**English Name:**  Design Technology

**Course Type:** Public Basic Compulsory Courses

**Credit:** 2 **Total Credit** **Hours**: 32

**Students:** Undergraduate students majoring in design

**Prerequisites:** Modeling Foundation A,Modeling Foundation B

**Evaluation Method:** Course participation + Subject assignment performance

**Course Description:**

As a computer-aided design course, students need to be equipped with computers. Classroom teaching is the main channel of education, aiming to cultivate students to keep up with the times, care about the people, experience the life, and establish a correct outlook on art and creation. Explain the basic methods and skills of graphic digital expression, and get familiar with the process of computer-aided design. Taking design cases as the starting point and combining teaching with practice, enable students to use modern design methods to express design demands and lay a solid foundation for subsequent courses. In teaching, adhere to aesthetic education and beautification, actively carry forward the spirit of Chinese aesthetic education, guide students to consciously inherit and carry forward Chinese excellent traditional culture, comprehensively improve students' aesthetic and humanistic quality, and enhance cultural self-confidence.

Course focus: Combined with "ideological and political education", use digital tools to carry out artistic modeling design, color expression, format design and other methods.

The difficulties of teaching content: How can students flexibly use digital tools with relevant majors according to their professional needs?

**Recommended Textbooks/References:**

**[1] Andrew Faulkner**, **Adobe Photoshop CC 2019** Classic Course, Posts and Telecom Press, December 2019

**[2]** Zhao Sasa, **Chinese Version of Illustrator Full Analysis of Business Case Project Design,** Tsinghua University Press, September 2019

**1790134 速写**

**课程编码：**1790134

**课程名称：**速写

**英文名称：**Sketch

**课程类型：**公共基础必修课

**学分：** 1 **总学时：**16

**面向对象：**设计学类本科生

**先修课程：**造型基础A、造型基础B

**考核形式：** 平时成绩+考试

**课程简介：**

速写是艺术设计专业的公共基础必修课，它是艺术设计专业学习的前提。

速写是为了培养学生敏锐地观察能力，善于捕捉生活中美好的瞬间。培养学生的绘画概括能力，使学生在短时间内能够准确表现出对象的特征。 速写能为学生的创作收集大量素材，好的速写本身就是一幅完美作品，能提高学生对形象的记忆能力和概括能力、表达的过程、速写的内容和技巧；了解速写的构图形式以及速写的形式因素，速写是快速概括地描绘对象的一种绘画手法,也是培养形象记忆能力与表现能力的一种重要手段。

速写是艺术设计学专业提高造型能力的基础课程，通过学习和课题训练培养学生敏锐的观察、分析、综合形象能力，提高学生的创新思维和审美水平，为今后收集、积累创作素材打下坚实基础。

教学中坚持以美育人、以美化人，积极弘扬中华美育精神，引导学生自觉传承和弘扬中华优秀传统文化，全面提高学生审美和人文素养，增强文化自信。

**推荐教材或主要参考书：**

[1]乔治伯里曼 《伯里曼人体结构教学》 广西美术出版社 2008年出版

[2]菲尔梅咨格 《绘画透视基础》 上海人民美术出版社 2001年出版

[3]路易斯 《艺用人体运动解剖》 上海人民美术出版社2014年出版

**1790134 Sketch**

**Course Number:** 1790134

**Course Title:** Sketch

**English Name: Sketch**

**Course Type:** Public Basic Compulsory Courses

**Credit:** 1 **Total Credit Hours**: 16

**Students:** Undergraduate students majoring in design

**Prerequisites:** Modeling Foundation A,Modeling Foundation B

**Evaluation Method:** course participation + written exams

**Course Description:**

Sketch is a public basic compulsory course for undergraduate students majoring in art and design, which is a prerequisite of art and design majors.

Sketch is to cultivate students acute observation ability and capture the beautiful moments in life. Sketch is to cultivate students' drawing generalization ability, so that students can accurately show the characteristics of the object in a short time. A lot of materials can be collected by sketch for students' creation. Good sketch is a perfect work, which can improve students' memory ability and generalization ability of image, expression process, content and skills of sketch. Students can understand the composition form of sketch and the formal factors of sketch. Sketch is not only a painting technique to quickly and generally describe the object, but also an important means to cultivate the ability of image memory and expression.

Sketch is a basic course for students majoring in art and design to improve their modeling ability. Through learning and subject training, it aims to cultivate students' keen observation, analysis and comprehensive image ability and improve students' innovative thinking and aesthetic level so as to lay a solid foundation for collecting and accumulating creative materials in the future.

In teaching, adhere to aesthetic education and beautification, actively carry forward the spirit of Chinese aesthetic education, guide students to consciously inherit and carry forward Chinese excellent traditional culture, comprehensively improve students' aesthetic and humanistic quality, and enhance cultural self-confidence.

**Recommended Textbooks/References:**

[1] Geomge Brandt Bridgman, Bridgman's Drawing Bodies, Guangxi Fine Arts Publishing House, 2008

[2] Phil Metzger, Basis of Perspective Drawing, Shanghai People's Fine Arts Publishing House, 2001

[3] Louis, Human Motor Anatomy for Art, Shanghai People's Fine Arts Publishing House, 2014

**1760073 环境设计理论1**

**课程编码：**1760073

**课程名称：**环境设计理论1

**英文名称：**Environmental Design Theory I

**课程类型：**学科基础必修课

**学分：** 1 **总学时：** 16

**面向对象：**艺术设计类本科生

**先修课程：**设计技术 设计史 图案

**考核形式：** 平时成绩+考试

**课程简介：**

环境设计理论1是艺术设计学院为环境设计专业本科生开设的学科基础必修课程类型。本课程的任务是通过理论讲授、课下阅读和案例分析等环节的学习，使学生对环境设计的基本概念、发展历史、专业界限、设计思维方法、设计程序等有初步了解，为未来的专业课程学习建立理论基础。教学内容重点：环境发展简史、环境艺术学科发展历史及边界、环境艺术设计的原则及设计伦理、环境艺术未来发展趋势、案例分析、课下阅读及研讨等。教学内容的难点：环境艺术设计的学科边界、未来环境设计的发展趋势及环境设计伦理。尤其是环境艺术设计的学科边界问题，应结合当代社会文化和科学技术发展趋势，强调跨学科趋势及专业界限的模糊化趋势。

**推荐教材或主要参考书：**

[01]：[王烨](http://search.dangdang.com/?key2=%CD%F5%EC%C7&medium=01&category_path=01.00.00.00.00.00)等. 全国高等院校设计学学科系列规划教材——环境艺术设计概论(第二版)，中国电力出版社，2014年12月

[02]: [王志鸿](http://search.dangdang.com/?key2=%CD%F5%D6%BE%BA%E8&medium=01&category_path=01.00.00.00.00.00).[艺术与设计系列——环境艺术设计概论](http://product.dangdang.com/28479884.html)，中国电力出版社，2019年11月

[03]：苏丹.迷途知返——中国环艺发展史掠影，中国建筑工业出版社，2014年12月

[04]：(美)帕帕奈克，为真实的世界设计，中信出版社，2013年1月

**1760073 Theories on Environmental Design 1**

**Course Number:** 1760073

**Course Title:** Theories on Environmental Design 1

**English Name:** Theories on Environmental Design 1

**Course Type: Discipline basic compulsory courses**

**Credit:** 1 **Total Credit** **Hours**: 16

**Students:** Undergraduate students majoring in art design

**Prerequisites:** **Design Techniques, Design History, Image**

**Evaluation Method:** course participation + written exams

**Course Description:**

Theories on Environmental Design 1 is a **discipline basic compulsory course** offered by the College of Art and Design for undergraduate students majoring in environmental design. The main target of this course is to enable students to fully understand the basic concepts, development history, professional boundaries, design thinking methods and design procedures of environmental design through the study of theoretical teaching, after class reading and case analysis, so as to establish a theoretical basis for the study of professional courses in the future. Course focus: A brief history of environmental development, development history and boundary of environmental art discipline, principles and design ethics of environmental art design, future development trend of environmental art, case analysis, after class reading and discussion, etc. The difficulties of teaching content: Subject boundary of environmental art design, the development trend of future environmental design and environmental design ethics. Especially the discipline boundary of environmental art design, combine the development trend of contemporary social culture and science and technology to emphasize the trend of interdisciplinary and fuzzy professional boundaries.

**Recommended Textbooks/References:**

[01] [Wang Ye](http://search.dangdang.com/?key2=%CD%F5%EC%C7&medium=01&category_path=01.00.00.00.00.00), et al, Planning Textbooks for Design Discipline in Colleges and Universities---Introduction to Environment Art and Design (2nd Edition), **China Electric Power Press, November 2014**

**[02]** [Wang Zhihong](http://search.dangdang.com/?key2=%CD%F5־%BA%E8&medium=01&category_path=01.00.00.00.00.00" \t "_blank), [Art and Design Series - Introduction to Environmental Art and Design,](http://product.dangdang.com/28479884.html) **China Electric Power Press, November 2019**

[03] Sudan, A Glimpse of the Development History of Chinese Environmental Art, China Building Industry Press, December 2014

[04] (USA) Papanek, Design for the Real World, CITIC Publishing House, January 2013

**1760074 人体工程学**

**课程编码：**1760074

**课程名称：**人体工程学

**英文名称：**Ergonomics

**课程类型：**学科基础必修课

**学分：** 2.0 **总学时：** 32

**面向对象：**环境设计专业本科生

**先修课程：**设计表达1（测绘制图）

**考核形式：**考查

**课程简介：**

人体工程学是北京工业大学艺术设计学院为环境设计专业本科生开设的专学科基础必修课。本课程的任务是应用人体测量学、人体力学、劳动生理学、劳动心理学等学科的研究方法，对人体结构特征和机能特征进行研究，提供人体各部分的尺寸、重量、体表面积、比重、重心以及人体各部分在活动时的相互关系和可及范围等人体结构特征参数；提供人体各部分的特征参数，分析人的视觉、听觉、触觉以及肤觉等感觉器官的机能特性；探讨人与空间的数据尺度关系；掌握环境设计中重要的空间设施数据规范。教学内容重点：主要研究人体测量学与人体尺寸、与人关系密切的空间尺寸、运动尺寸；室内作业环境中的人体因素；家具设计中的人体因素；人体知觉、感觉与室内环境影响等。教学内容的难点：辨析工业设计、环境设计人机工程学学习侧重点的差异；个体与群体测量的差异、测量的准确度和规范性；了解人的活动对空间尺度的需求与影响。

**推荐教材或主要参考书：**

[1] 张月，《室内人体工程学》，中国建筑工业出版社，2012年7月

[2] 张学东，《人机工学与设计》，合肥工业大学出版社，2006年8月

[3] 张绮曼、郑曙旸，《室内设计资料集》，中国建筑工业出版社，1991年6月

**1760074 Ergonomics**

**Course Number:** 1760074

**Course Title:** Ergonomics

**English Name:** Ergonomics

**Course Type:Discipline basic compulsory courses**

**Credit:** 2.0 **Total Credit** **Hours**: 32

**Students:** Undergraduate students majoring in environmental design

**Prerequisites:** Design Expression 1 (Surveying and Mapping)

**Evaluation Method:** Evaluation

**Course Description:**

Ergonomics is a **discipline basic compulsory course** offered by the College of Art and Design of Beijing University of Technology for undergraduate students majoring in environmental design. The main target of this course is to apply the research methods of anthropometry, human mechanics, labor physiology, labor psychology and other disciplines to study the structural and functional characteristics of the human body, and provide the structural characteristic parameters of the human body, such as the size, weight, body surface area, proportion, center of gravity of each part of the human body, as well as the relationship and accessible range of each part of the human body during activities; provide the characteristic parameters of various parts of the human body, and analyze the functional characteristics of human visual, auditory, tactile, skin and other sensory organs; explore the data scale relationship between human and space; and master the important spatial facility data specification in environmental design. Course focus: Mainly study anthropometry and human body size, space size and motion size closely related to people; human factors in indoor working environment; human factors in furniture design; human perception, sensation and indoor environment. The difficulties of teaching content: Distinguish and analyze the differences in the key points of industrial design, environmental design and ergonomics; the difference between individual and group measurement, the accuracy and standardization of measurement; understand the demand and impact of human activities on spatial scale.

**Recommended Textbooks/References:**

[1] Zhang Yue, Indoor Ergonomics, China Building Industry Press, July 2012

[2] Zhang Xuedong, Ergonomics and Design, Hefei University of Technology Press, August 2006

[3] Zhang Qiman, Zheng Shuyang, Data Collection of Interior Design, China Building Industry Press, June 1991

**1760075 环境设计理论2**

**课程编码：**1760075

**课程名称：**环境设计理论2

**英文名称：**Environmental Design Theory I

**课程类型：**学科基础必修课

**学分：** 2.0 **总学时：** 32

**面向对象：**环境设计专业本科生

**先修课程：**环境设计理论1

**考核形式：**平时成绩

**课程简介：**

环境设计理论2是艺术设计学院为环境设计专业本科生开设的学科基础必修课程类型。本课程的任务是通过综合考察和概述世界各地区国家古代到近代建筑、园林景观的设计案例，设计风格特点，和发展演进的历程，通过重点时代，区域的经典案例对比，梳理环境艺术发展的历史脉络，使用纵向横向的共性与个性比较，引导学生理解人类发展过程中受地理地域自然特色、宗教信仰崇拜，技术与文化和制度发展影响等方面形成的环境内容设计，形成对人文思想、美学规律、以及社会审美情趣的认知和发展推演，找到认识、理解当时社会发展和人文生活的钥匙。引导学生们主动观察学习、辨之，鉴之，用之。归纳环境设计的基本理论、方法，为环境设计专业的学习提供史论基础。

教学内容重点：对历代世界各地经典案例的学习。

教学内容的难点：对各个时期、地域设计发展内在逻辑的理解、思辨，以及对设计理论的应用。

**推荐教材或主要参考书：**

[1] 郝鸥 陈伯超 谢占宇. 景观设计史. 华中科技大学出版社，2014年01月出版

[2] 周向频. 中外园林史. 中国建材工业出版社，2014年12月出版

[3] 易军 吴立威. 《中外园林简史》机械工业出版社，2013年7月作者. 教材名称. 出版社，出版年月

[4] Turner T(英).著；人国亮译. 欧洲园林：历史、哲学与设计. 北京电子工业出版社，2015年8月出版

[5] 刘敦桢. 中国古代建筑史. 中国建筑工业出版社，1984年06月第二版出版

[6] 爱德华.R.福特. 建筑细部. 江苏凤凰科学技术出版社，2015年10月出版

[7] 包世轩、刘文丰、李晶、罗飞《文化密码：传统建筑》中国旅游出版社，2015年3月

[8] 董豫赣. 玖章造园. 同济大学出版社，2016年12月

**1760075 Theories on Environmental Design 2**

**Course Number:** 1760075

**Course Title:** Theories on Environmental Design 2

**English Name:** Theories on Environmental Design 2

**Course Type: Discipline basic compulsory courses**

**Credit:** 2.0 **Total Credit** **Hours**: 32

**Students:** Undergraduate students majoring in environmental design

**Prerequisites:** Theories on Environmental Design 1

**Evaluation Method:** course participation

**Course Description:**

Theories on Environmental Design 2 is a **discipline basic compulsory course** offered by the College of Art and Design for undergraduate students majoring in environmental design. The main target of this course is to investigate and summarize the design cases, design styles and characteristics of architecture and garden landscape from ancient times to modern times in various regions of the world, and the course of development and evolution, compare classical cases in key times and regions, sort out the historical context of the development of environmental art and use vertical and horizontal comparison of commonness and individuality, guide students to understand the environmental content design formed in the process of human development under the influence of geographical and regional natural characteristics, religious belief and worship, technology, culture and system development, form the cognition and development deduction of humanistic thought, aesthetic law and social aesthetic taste, and find the key to understand the social development and humanistic life at that time. Guide students to take the initiative to observe and learn, distinguish, and use it. Summarize the basic theories and methods of environmental design, and provide a historical basis for the study of environmental design.

Course focus: Study classic cases all over the world in past dynasties.

The difficulties of teaching content: Understand, think and analyze the internal logic of design development in different periods and regions and apply the design theory.

**Recommended Textbooks/References:**

**[1]** Hao Ou**, Chen Bochao, Xie Zhanyu, Landscape Design History, Huazhong University of Science and Technology Press, January 2014**

**[2] Zhou Xiangpin, The Chinese and Foreign History of Landscape Architecture, China Building Materials Industry Press, December 2014**

**[3]** Yi Jun, Wu Liwei, A Brief History of Chinese and Foreign Landscape Architecture, China Machine Press, July 2013, **Author, Textbook Name, Press, Publication Date**

**[4] (UK) Turner T (Author), Ren Guoliang (Translator), European Gardens: History, Philosophy and Design, Beijing Electronic Industry Press, August 2015**

**[5] Liu Dunzhen, History of Ancient Chinese Architecture (2nd Edition), China Building Industry Press, June 1984**

**[6]** Edward R. Ford. Architectural Details. Jiangsu Phoenix Science and Technology Press, October 2015

[7] Bao Shixuan, Liu Wenfeng, Li Jing, Luo Fei, Cultural Code: Traditional Architecture, China Travel & Tourism Press, March 2015

[8] Dong Yugan, Nine Chapters on Gardening, Tongji University Press, December 2016

**1760077 设计表达1**

**课程编码：**1760077

**课程名称：**设计表达1

**英文名称：**Expression of Design I

**课程类型：**学科基础必修课

**学分：** 2 **总学时：** 32

**面向对象：**环境设计专业本科生

**先修课程：**设计思维、速写、设计制图

**考核形式：** 平时成绩+考试

**课程简介：**

设计表达1是艺术设计学院为设计学专业本科生开设的学科基础必修课。本课程的任务侧重于设计制图的讲授和学习。本课程主要讲授建筑制图（包括建筑工程及装饰工程图纸），教授学生如何准确绘制和阅读工程图纸，并掌握准确规范的制图方法。通过本课程系统的理论讲授和科学的课题训练，使学生能根据设计意图独立完成图纸的绘制工作，画出设计图及工程施工图样，能完整的表达设计、使用和制造三方面的思想，真正掌握工程语言这门工具。

教学内容重点：房屋的组成与构造，房屋建筑制图标准，点线面体的投影、平面图、立面图、剖面图的识读和绘制。

教学内容的难点：画图步骤和方法，综合问题的分析和作图，剖面图的识读和绘制、节点及详图的识读和绘制。

**推荐教材或主要参考书：**

[1] 魏艳萍. 建筑制图. 中国电力出版社，2017.02

[2] 王可越. 设计思维创新导引. 清华大学出版社，2017.07

[3] 王农. 制图基础. 北京航空航天大学出版社，2019.08

[4] 保罗·拉索. 图解思考. 中国建筑工业出版社，2002.07

[5] 房屋建筑制图统一标准GB/T50001-2017，中国建筑工业出版社，2018.03

**1760077 Design Expression 1**

**Course Number:** 1760077

**Course Title:** Design Expression 1

**English Name:** Design Expression 1

**Course Type: Discipline basic compulsory courses**

**Credit:** 2 **Total Credit** **Hours**: 32

**Students:** Undergraduate students majoring in environmental design

**Prerequisites: Design Thinking, Sketch, Design Graph**

**Evaluation Method:** course participation + written exams

**Course Description:**

Design Expression 1 is a **discipline basic compulsory course** offered by the College of Art and Design for undergraduate students majoring in design. The main target of this course is to focus on the teaching and learning of design graph. This course mainly teaches architectural drawing (including architectural engineering and decoration engineering drawing), and teaches students how to accurately draw and read engineering drawings, and master accurate and standardized drawing methods. Through systematic theory teaching and scientific subject training, this course enables students to independently complete the drawing work according to the design intention, map the design drawing and engineering construction drawing, completely express the idea of design, use and manufacture, and truly master the tool of engineering language.

Course focus: Composition and structure of house, the standard of house architectural drawing, the projection of point, line and surface, the reading and drawing of plan, elevation and section.

The difficulties of teaching content: Drawing steps and methods, comprehensive problem analysis and drawing, profile map reading and drawing, node and detail drawing reading and drawing.

**Recommended Textbooks/References:**

**[1] Wei Yanping, Architectural Graphing, China Electric Power Press, February 2017**

**[2] Wang Keyue, Innovation Via Design Thinking, Tsinghua University Press, July 2017**

**[3] Wang Nong, Drafting Foundation, Beijing University of Aeronautics and Astronautics Press, August 2019**

**[4] Paul Laseau, Graphic Thinking, China Building Industry Press, July 2002**

**[5] Unified Standards for Building Drawings (GB/T50001-2017), China Building Industry Press, March 2018**

**1760078 设计表达2**

**课程编码：**1760078

**课程名称：**设计表达2

**英文名称：**Expression of Design II

**课程类型：**学科基础必修课

**学分：** 2 **总学时：** 32

**面向对象：**艺术设计类本科生

**先修课程：**设计表达1

**考核形式：** 平时成绩+考试

**课程简介：**

设计表达2是艺术设计学院为环境设计专业本科生开设的学科基础必修课程类型。本课程的任务是训练学生的环境设计综合表达技能，使学生了解环境设计专业从方案设计到设计成果呈现的主要表达内容、形式，掌握实际的方案设计表达流程和方法，为后期的课题设计、毕业设计以及未来实际工作奠定牢固的专业表现基础，同时达到培养学生独立思维和形式创造能力的目的。教学内容重点：使学生了解、掌握实际方案设计表达流程和方法；教学内容的难点：使学生掌握如何梳理方案表达的内在逻辑关系并与表达形式良好结合。

**推荐教材或主要参考书：**

[1] 美国设计大师经典教程：建筑设计与表现 作者:（美）[塞德勒](http://www.dangdang.com/author/%EF%BF%BD%EF%BF%BD%EF%BF%BD%EF%BF%BD%EF%BF%BD%EF%BF%BD_1)，（美）[科蒂](http://www.dangdang.com/author/%EF%BF%BD%C6%B5%EF%BF%BD_1) 编著，[刘美辰](http://www.dangdang.com/author/%EF%BF%BD%EF%BF%BD%EF%BF%BD%EF%BF%BD%EF%BF%BD%EF%BF%BD_1)等译 ，[中国青年出版社](http://www.dangdang.com/publish/%EF%BF%BD%D0%B9%EF%BF%BD%EF%BF%BD%EF%BF%BD%EF%BF%BD%EF%BF%BD%EF%BF%BD%EF%BF%BD%EF%BF%BD%EF%BF%BD%EF%BF%BD_1)，2014年8月

[2] 图解力：跟顶级设计师学作信息图 作者:[日][木村博之](http://www.dangdang.com/author/%C4%BE%EF%BF%BD%E5%B2%A9%D6%AE_1) 著，[吴晓芬](http://www.dangdang.com/author/%EF%BF%BD%EF%BF%BD%EF%BF%BD%EF%BF%BD%EF%BF%BD%EF%BF%BD_1)，[顾毅](http://www.dangdang.com/author/%EF%BF%BD%EF%BF%BD%EF%BF%BD%EF%BF%BD_1)译，[人民邮电出版社](http://www.dangdang.com/publish/%EF%BF%BD%EF%BF%BD%EF%BF%BD%EF%BF%BD%EF%BF%BD%CA%B5%EF%BF%BD%EF%BF%BD%EF%BF%BD%EF%BF%BD%EF%BF%BD%EF%BF%BD_1)，2013年6月

**1760078 Design Expression 2**

**Course Number:** 1760078

**Course Title:** Design Expression 2

**English Name:** Design Expression 2

**Course Type: Discipline basic compulsory courses**

**Credit:** 2 **Total Credit** **Hours**: 32

**Students:** Undergraduate students majoring in art design

**Prerequisites: Design Expression 1**

**Evaluation Method:** course participation + written exams

**Course Description:**

Design Expression 2 is a **discipline basic compulsory course** offered by the College of Art and Design for undergraduate students majoring in environmental design. The main target of this course is to train students' comprehensive expression skills of environmental design, enable students to understand the main expression contents and forms of environmental design from scheme design to design results, master the actual scheme design expression process and methods, and lay a solid professional performance foundation for later project design, graduation design and future practical work, and cultivate students' independent thinking and form creation ability. Course focus: Enable students to understand and master the actual scheme design expression process and method. The difficulties of teaching contents are described as followings: enable students to master how to sort out the internal logical relationship of scheme expression and combine it with the expression form properly.

**Recommended Textbooks/References:**

**[1] (USA)** [**Seidler**](http://www.dangdang.com/author/%EF%BF%BD%EF%BF%BD%EF%BF%BD%EF%BF%BD%EF%BF%BD%EF%BF%BD_1)**, (USA)** [**Coty**](http://www.dangdang.com/author/%EF%BF%BD%C6%B5%EF%BF%BD_1) **(Author)**, [**Liu Meichen**](http://www.dangdang.com/author/%EF%BF%BD%EF%BF%BD%EF%BF%BD%EF%BF%BD%EF%BF%BD%EF%BF%BD_1) **(Translator)**,Communicating Ideas Through Architectural Graphics: Architectural Design and Performance, [**China Youth Publishing House**](http://www.dangdang.com/publish/%EF%BF%BD%D0%B9%EF%BF%BD%EF%BF%BD%EF%BF%BD%EF%BF%BD%EF%BF%BD%EF%BF%BD%EF%BF%BD%EF%BF%BD%EF%BF%BD%EF%BF%BD_1)**, August 2014**

**[2] [Japan]** [**Hiroyuki Kimura**](http://www.dangdang.com/author/%C4%BE%EF%BF%BD%E5%B2%A9%D6%AE_1) **(Author)**, [**Wu Xiaofen**](http://www.dangdang.com/author/%EF%BF%BD%EF%BF%BD%EF%BF%BD%EF%BF%BD%EF%BF%BD%EF%BF%BD_1) and [**Gu Yi (Translator)**](http://www.dangdang.com/author/%EF%BF%BD%EF%BF%BD%EF%BF%BD%EF%BF%BD_1), **Infographics**: Learn Infographics from Top Designers, [**Posts and Telecom Press**](http://www.dangdang.com/publish/%EF%BF%BD%EF%BF%BD%EF%BF%BD%EF%BF%BD%EF%BF%BD%CA%B5%EF%BF%BD%EF%BF%BD%EF%BF%BD%EF%BF%BD%EF%BF%BD%EF%BF%BD_1), **June 2013**

**1760079 设计表达3**

**课程编码：**1760079

**课程名称：**设计表达3

**英文名称：**Expression of Design III

**课程类型：**学科基础必修课

**学分：** 2.0 **总学时：** 32

**面向对象：**环境设计专业本科生

**先修课程：**设计表达1、设计表达2

**考核形式：**平时成绩+考试

**课程简介：**

本课程为学科基础必修课，是以Rhino&Grasshopper为技术载体，从六个技能体系分别讲述数字化设计的技能和应用方法，其中包含：*生成思维、数据结构、曲面设计、逻辑优化、工程接轨、算法研发*共六条教学主线。分别从不同的维度讲解和演示Grasshopper的基础、拓展及应用实践技能。一方面能帮助学生很快的建立起立体的对数字化设计思维架构的认知，另一方面可以辅助一些学生闭合自己的技能体系，将技术应用于实践。

教学内容重点：课程的学习将会使学生解决数字化设计的基本技能，挖掘自身思维潜能的结构图谱，建立核心建模逻辑体系。

教学内容的难点：本课程突出强调知识关系将其已有的信息数据形成对比。

**推荐教材或主要参考书：**

[1]《设计的革命》，赫尔希贝德纳，山东科技出版社，2003年

[2]《建筑师成长记录：学习建筑的101点体会》 弗莱德里克， 机械工业出版社

《Grasshopper参数化设计教程》祁鹏远编 参数化设计教程

**1760079 Design Expression 3**

**Course Number:** 1760079

**Course Title:** Design Expression 3

**English Name:** Design Expression 3

**Course Type: Discipline basic compulsory courses**

**Credit:** 2.0 **Total Credit** **Hours**: 32

**Students:** Undergraduate students majoring in environmental design

**Prerequisites:** Design Expression 1, Design Expression 2

**Evaluation Method:** course participation + written exams

**Course Description:**

This course is a **discipline basic compulsory course**. With Rhino & Grasshopper as technical carrier, it introduces the digital design skills and application methods from six skills systems, including six main teaching lines: generative thinking, data structure, surface design, logic optimization, engineering integration, algorithm research and development. Explain and demonstrate the basis, extension and application practical skills of Grasshopper from different dimensions respectively. On one hand, help students quickly establish a three-dimensional understanding of digital design thinking structure; on the other hand, help some students close their own skill system and apply technology to practice.

Course focus: This course will enable students to solve the basic skills of digital design, tap the structural map of their own thinking potential, and establish the core modeling logic system.

The difficulties of teaching content: This course highlights the knowledge relationship and compares it with existing information data.

**Recommended Textbooks/References:**

[1] Hershey Bedner, Revolution in Design, Shandong Science and Technology Press, 2003

[2] Frederick, Growth Record of Architects: 101 Things I Learned in the Architectural School, China Machine Press

Qi Pengyuan, Grasshopper Parametric Design Tutorial

**1760080 空间概念（双语）**

**课程编码：**1760080

**课程名称：**空间概念

**英文名称：**Space Concept Design

**课程类型：**学科基础必修课

**学分：** 2 **总学时：** 32

**面向对象：**艺术设计类本科生

**先修课程：**设计表达1、设计表达2

**考核形式：**平时成绩+考试

**课程简介：**

空间概念是艺术设计学院为环境设计专业本科生开设的学科基础必修课程类型。本课程的任务是通过理论讲授和实践操作，使学生了解建筑空间的基本概念和构成原理，掌握二维向三维思考转变的要领，明确空间概念设计的重要意义和概念设计方法，为后期建筑设计、景观设计、室内设计等课程方向的相关课程学习以及毕业设计实践奠定重要基础，使学生具备环境设计专业必需的专业理论知识与设计实践能力。教学内容重点：使学生建立空间创意设计观念并掌握其设计方法；教学内容的难点：训练提升学生空间立体形象和抽象思维能力。

**推荐教材或主要参考书：**

《空间组合论》 彭一刚 中国建筑工业出版社 ISBN：9787112035687

1760080 Spatial Concepts (Bilingual)

**Course Number:** 1760080

**Course Title:** Spatial Concepts

**English Name:** Spatial Concepts

**Course Type:Discipline basic compulsory courses**

**Credit:** 2 **Total Credit** **Hours**: 32

**Students:** Undergraduate students majoring in art design

**Prerequisites:** **Design Expression 1, Design Expression 2**

**Evaluation Method:** course participation + written exams

**Course Description:**

Spatial Concepts is a **discipline basic compulsory course** offered by the College of Art and Design for undergraduate students majoring in environmental design. The main target of this course is to enable students to understand the basic concepts and composition principles of architectural space and master the essentials of the transformation from two-dimensional to three-dimensional thinking through theoretical teaching and practical operation, and clarify the significance and conceptual design methods of spatial conceptual design, so as to lay an important foundation for the later study of relevant courses in architectural design, landscape design, interior design and graduation design practice and enable students to have professional theoretical knowledge and design practice ability of environmental design. Course focus: Enable students to establish the concept of space creative design and master its design methods. The difficulties of teaching contents are described as followings: Train and improve students' spatial image and abstract thinking ability.

**Recommended Textbooks/References:**

Peng Yigang, Spatial Combination Theory, China Building Industry Press, ISBN：9787112035687

**1760081 专题设计1**

**课程编码：**1760081

**课程名称：**专题设计1

**英文名称：**Theme Design 1

**课程类型：**学科基础必修课

**学分：**3.0 **总学时：**48

**面向对象：**环境设计专业本科生

**先修课程：**设计表达1、设计表达2

**考核形式：** 平时成绩+考试

**课程简介：**

专题设计1是艺术学院（部）为环境设计专业本科生开设的学科基础必修课程类型。

 《专题设计1》课程主要是一个涉及到建筑构造学、力学、美学、设计基础、心理学等诸多领域的一个综合者及基础课程，课程的学习将会使学生解决点，线，面，体以及色彩与材质等各造型元素的美学与力学组合与构成法则，使学生学习组织和重新设计一个特殊空间或多个空间的过程，并且为了突出强调形式和结构问题，将把这一实践过程拆分为几个组成部分。

教学内容重点：揭示了其理念背后的概念、结构和技术，带领学生理解节能设计或“生态设计”的思想

教学内容的难点：本课程突出强调形式和结构问题，将把这一实践过程拆分为几个组成部分。

**推荐教材或主要参考书：**

1. 任仲泉，《空间构成设计》，江苏美术出版社， 2002.2。
2. 保罗·泽兰斯基，《三维创造动力学》，上海人民美术出版社， 2005.1。
3. 田学哲等，《形态构成解析》，中国建筑工业出版社， 2005.3。
4. 格雷姆·布鲁克, 莎莉·斯通，燕文姝译《国外设计院校指定教材01·国际室内建筑设计教程：形式与结构》者大连理工大学出版社2008.8月。
5. 满懿编著，《平面构成》，辽宁美术出版社，1998.8。
6. 辛华泉 张柏萌编著，《色彩构成》，湖北美术出版社，2002.8 。
7. 辛华泉 张柏萌编著，《立体构成》，湖北美术出版社，2007。

**1760081 Theme Design 1**

**Course Number:** 1760081

**Course Title:** Theme Design 1

**English Name:**Theme Design 1

**Course Type:Discipline basic compulsory courses**

**Credit:** 3.0 **Total Credit** **Hours**: 48

**Students:** Undergraduate students majoring in environmental design

**Prerequisites:** Design Expression 1, Design Expression 2

**Evaluation Method:** course participation + written exams

**Course Description:**

Theme Design Practice 1 is a **discipline basic compulsory course** offered by the College (Department) of Art and Design for undergraduate students majoring in environmental design.

 Theme Design 1 is a comprehensive and basic course involving many fields such as architectural architecture, mechanics, aesthetics, design basis and psychology. This course enables students to solve the aesthetic and mechanical combination and composition rules of various modeling elements such as point, line, surface, body, color and material, and enable students to learn the process of organizing and redesigning a special space or multiple spaces. To highlight the form and structure, this practical process will be divided into several parts.

Course focus: It reveals the concepts, structures and technologies behind its ideas and leads students to understand the idea of energy-saving design or "ecological design".

The difficulties of teaching content: To highlight the form and structure, this practical process will be divided into several parts.

**Recommended Textbooks/References:**

1. Ren Zhongquan, Space Composition Design, Jiangsu Fine Arts Publishing House, February 2002.
2. Paul Zelanski, 3D Creation Dynamics, Shanghai People's Fine Arts Publishing House, January 2005.
3. Tian Xuezhe, Analysis of Morphological Composition, China Building Industry Press, March 2005.
4. Graeme Brook and Sally Stone (Author), Yan Wenshu (Translator), Textbooks for Foreign Design Colleges 01, International Interior Architecture Design Tutorial: Form and Structure, Dalian University of Technology Press, August 2008.
5. Man Yi, Plane Composition, Liaoning Fine Arts Publishing House, August 1998.
6. Xin Huaquan, Zhang Baimeng, Color Composition, Hubei Fine Arts Publishing House, August 2002
7. Xin Huaquan, Zhang Baimeng, 3D Composition, Hubei Fine Arts Publishing House, August 2007

**1760082 专题设计2**

**课程编码：**1760082

**课程名称：**专题设计2

**英文名称：** Theme Design 2

**课程类型：**学科基础必修课

**学分：** 3 **总学时：** 48

**面向对象：**艺术设计类本科生

**先修课程：**专题设计、课题设计

**考核形式：** 平时成绩+考试

**课程简介：**

“专题设计2”是环境设计学科基础必修课，室内设计基础课程。本课程以主题空间为题，以实际项目资料做支撑，结合工程实践和内容可塑性进行综合设计。进入专业学习的学生设置的专业课程，本课程着重思维过程的基本训练，要求学生不拘泥于现实和现有理念以及技术和材料的限制，大胆创新，将头脑中的抽象思维“雏形”通过推导，最终形成具体的图形。

本课程通过启发学生的联想能力和专业思维能力，协助学生熟悉专业思维过程，使学生能够把头脑中的抽象概念通过已掌握的专业技巧转化为直观的形式表现出来，从而提升学生的创造能力，并完成一个小型室内课题。

**推荐教材或主要参考书：**

[01]：《室内设计资料集》 张绮曼 郑曙阳主编，中国建筑工业出版社，1991-1

[02]：《室内设计思维与方法》 郑曙阳著，中国建筑工业出版社，2005-9

[03]：《室内设计方法》郝大鹏编著，西南师范大学出版社，2005-9

[04]：《图解思考》保罗·拉索著，中国建筑工业版社， 2002年

[05]：《室内设计思维方法》郑曙旸编著，中国建筑工业版社，2003年

**1760082 Theme Design 2**

**Course Number:** 1760082

**Course Title:** Theme Design 2

**English Name:** Theme Design 2

**Course Type:Discipline basic compulsory courses**

**Credit:** 3 **Total Credit** **Hours**: 48

**Students:** Undergraduate students majoring in art design

**Prerequisites:** **Theme Design, Project Design**

**Evaluation Method:** course participation + written exams

**Course Description:**

"Theme Design 2" is a **discipline basic compulsory course** of environmental design and basic course of interior design. With theme space as the topic and actual project data as the support, this course combines engineering practice and content plasticity to carry out comprehensive design. It's a specialized course for students. This course focuses on the basic training of thinking process. Students should be free from the limitations of reality, existing ideas, technology and materials, make innovation boldly, deduce the "prototype" of abstract thinking in their mind, and finally form specific graphics.

This course helps students get familiar with the process of professional thinking by inspiring students' association ability and professional thinking ability, so that students can transform abstract concepts in their minds into intuitive forms through mastered professional skills, and improve students' creative ability and complete a small indoor project.

**Recommended Textbooks/References:**

[01] Zhang Qiman and Zheng Shuyang (Editor-in-chief), Graphic Collection of Interior Design, China Building Industry Press, January 1991

[02] Zheng Shuyang, Interior Design Thinking and Methods, China Building Industry Press, September 2005

[03] Hao Dapeng, Interior Design Methods, Southwest Normal University Press, September 2005

[04] Paul Laseau, Graphic Thinking, China Building Industry Press, 2002

[05] Zheng Shuyang, Interior Design Thinking and Methods, China Building Industry Press, 2003

**1760083 专题设计3（双语）**

**课程编码：**1760083

**课程名称：**专题设计3

**英文名称：**Theme Design 3

**课程类型：**学科基础必修课

**学分：** 3.0 **总学时：** 48

**面向对象：**环境设计专业本科生

**先修课程：**环境设计理论1、环境设计理论2、环境设计理论3、设计表达1、设计表达2**考核形式：**平时成绩

**课程简介：**

专题设计3是艺术设计学院为环境设计专业本科生开设的学科基础必修课程类型。本课程的任务是介绍人如何在环境中通过建立与自然的良性关系，形成富于功能的、健康、可持续发展的、有机的秩序。以光、温度、水、土地、风等为代表的自然元素经过合理的设计组合，形成与人类活动契合的地形地貌组织，植物群落布置，交通流通枢纽，场景、空间或区域设计，使人在其中，可以展开丰富多样的活动，得到美的陶冶，得到与环境融洽的互动，并在相当长的使用期限内维持较低的合理的养护运作。

本课程以景观环境及小构筑设计为主要对象，进行学习实践，与专题设计1、专题设计2形成一套系列课程，从人与人造物构筑物的关系建造，人与人的空间关系等级塑造，到人与自然环境交流关系的梳理三个层次进行学习，处理复杂的环境设计建造问题。

教学内容重点：对人与自然相关联的设计技术及原理的认知与练习。

教学内容的难点：对人与自然相平衡相协调的基本原理的理解，以及灵活应用。

**推荐教材或主要参考书：**

1. 约翰O西蒙兹（美）著，俞孔坚、王志芳、孙鹏译. 景观设计学——场地规划与设计手册. 中国建筑工业出版社，2000年8月出版
2. 沈实现著. 新自然观下的地域景观规划与设计. 化学工业出版社，2015年9月出版
3. John.L.MMotloch著. 景观设计理论与技法. 大连理工大学出版社，2007年1月出版
4. 小曼努埃尔莫里斯著孙振钧译. 认识生态. 科学技术文献出版社，2019年8月出版
5. 张迪妮、李磊、郭晓君、代学民编著，景观设计方法. 中国建筑工业出版社，2018年6月出版

1760083 Theme Design 3 (Bilingual)

**Course Number:** 1760083

**Course Title:** Theme Design 3

**English Name:**Theme Design 3

**Course Type:Discipline basic compulsory courses**

**Credit:** 3.0 **Total Credit** **Hours**: 48

**Students:** Undergraduate students majoring in environmental design

**Prerequisites:Theories on Environmental Design 1, Theories on Environmental Design 2, Theories on Environmental Design 3, Design Expression 1, Design Expression 2** Evaluation Method: course participation

**Course Description:**

Theme Design 3 is a **discipline basic compulsory course** offered by the College of Art and Design for undergraduate students majoring in environmental design. The main target of this course is to introduce how people can form a functional, healthy, sustainable and organic order in the environment by establishing a benign relationship with nature. By reasonable design combination of natural elements including light, temperature, water, land and wind, form topographic and geomorphic organization, plant community layout, traffic hub, scene, space or regional design consistent with human activities, people are involved in it to carry out rich and diverse activities, get beautiful edification, get harmonious interaction with the environment, and maintain low and reasonable maintenance operation within a long service life.

This course takes landscape environment and small structure design as the main object to carry out learning and practice, forms a series of courses with Theme Design 1 and Theme Design 2. It deals with complex environmental design and construction problems from three levels: the construction of the relationship between human and man-made structures, the hierarchical shaping of the spatial relationship between human and human, and the combing of the communication relationship between human and natural environment.

Course focus: Cognition and practice of design techniques and principles related to human and nature.

The difficulties of teaching content: Understand and flexibly use the basic principle of the harmony between man and nature.

**Recommended Textbooks/References:**

1. **(USA) John O. Symonds (Author), Yu Kongjian, Wang Zhifang and Sun Peng (Translator), Landscape Design---Site Planning and Design Manual, China Building Industry Press, August 2000**
2. **Shen Shixian, Regional Landscape Planning and Design under the New Concept of Nature, Chemical Industry Press, September 2015**
3. **John.L.MMotloch, Landscape Design Theory and Techniques, Dalian University of Technology, January 2007**
4. **Manuel C. Molles Jr. (Author), Sun Zhenjun (Translator), Ecology Concepts and Applications, Science and Technology Literature Press, August 2019**
5. **Zhang Dini, Li Lei, Guo Xiaojun, Dai Xuemin, Landscape Design Methods, China Building Industry Press, June 2018**

**1760084 照明设计**

**课程编码：**1760084

**课程名称：**照明设计

**英文名称：**Illumination Design

**课程类型：**学科基础必修课

**学分：** 3 **总学时：** 48

**面向对象：**艺术设计类本科生

**先修课程：**专题设计、课题设计

**考核形式：** 平时成绩+考试

**课程简介：**

“照明设计”课程为学科基础必修课程，是在学习了室内设计原理的基础上针对照明与色彩进行深入学习的课程，是塑造空间氛围与空间语境的重要手段。本课程以照明设计理论为主线，自然采光、人工照明、空间色彩作为主要内容，讨论空间光环境与色彩配比对空间语境塑造的设计方法和原理。本课程通过分阶段外出参观及实践调研与课堂教学结合，以启发式、互动讨论的方式引导学生，了解室内空间光与色彩的分布与生理和心理感受的关系，掌握基本原理及光源组织、色彩分配的标准，建立室内空间光环境与色彩环境设计的基础理论知识体系和设计方法。通过本课程的学习，学生可以运用所掌握的知识及技能完成限定功能下的空间照明及色彩设计，实现特定空间语境的塑造，最终以量化图纸及综合能力表现作为依据进行评价。

**推荐教材或主要参考书：**

[01]：常大伟、黄艳、吴爱莉、欧俊锋等，《照明设计(第2版)》，中国青年出版社，2011-10-01 [02]: 中华人民共和国建设部，《中华人民共和国国家标准，建筑照明设计标准》，中国建筑工业出版社，2004-12-01

[03]：朝仓直巳，《艺术·设计的光构成》，中国计划出版社，2000-11-0

[04]：杜异， 照明系统设计，中国建筑工业出版社，1999.6

[05]：中岛龙兴等， 照明设计入门， 中国建筑工业出版社，2005.1

[06]：福多佳子， 照明设计，中国建筑工业出版社，2005.1

[07]：露西•马丁，室内设计师专用灯光设计手册，上海人民美术出版社.2012.1

**1760084 Illumination Design**

**Course Number:** 1760084

**Course Title:** Illumination Design

**English Name:** Illumination Design

**Course Type:Discipline basic compulsory courses**

**Credit:** 3 **Total Credit** **Hours**: 48

**Students:** Undergraduate students majoring in art design

**Prerequisites:** **Theme Design, Project Design**

**Evaluation Method:** course participation + written exams

**Course Description:**

"Lighting Design" is a **discipline basic compulsory course**, a course for in-depth study of lighting and color on the basis of learning the principles of interior design as well as an important means to shape the space atmosphere and context. With lighting design theory as the main line, this course focuses on natural lighting, artificial lighting and space color, and discusses the design methods and principles of space light environment and color matching ratio to shape the space context. Through field visits and practical research and classroom teaching by stages, this course guides students to understand the relationship between the distribution of light and color in indoor space and physiological and psychological feelings, and master the basic principles, light source organization and color distribution standards, establish the basic theoretical knowledge system and design method of indoor space light environment and color environmental design. Through learning this course, students can use the knowledge and skills they have mastered to complete the space lighting and color design with limited functions, and achieve the shaping of specific space context, finally, make evaluation as per the quantitative drawings and comprehensive ability performance.

**Recommended Textbooks/References:**

[01] Chang Dawei, Huang Yan, Wu Aili, Ou Junfeng, et al, Lighting Design (2nd Edition), China Youth Publishing House, October 1, 2011, **[02]** The Ministry of Housing and Urban-Rural Development of the People's Republic of China, National Standard of the People's Republic of China, Architectural Lighting Design Standard, China Building Industry Press, December 1, 2004

[03] [Japan] Chaocang Zhisi, Light Composition of Art Design, China Planning Press, November 2000

[04] Du Yi, Lighting System Design, China Building Industry Press, June 1999

[05] Longxin Nakashima, Introduction to Lighting Design, China Building Industry Press, January 2005

[06] Mikako Fodor, Lighting Design, China Building Industry Press, January 2005

[07] Lucy Martin, Lighting Design Manual for Interior Designers, Shanghai People's Fine Arts Publishing House, January 2012

**1760085 材料与做法**

**课程编码：**1760085

**课程名称：**材料与做法

**英文名称：**Materials and practices

**课程类型：**学科基础必修课

**学分：** 3.0 **总学时：** 48

**面向对象：**环境设计专业本科生

**先修课程：**课程1, 课程2, 课程3

**考核形式：** 平时成绩+考试

**课程简介：**

材料与做法是艺术设计学院为环境设计专业本科生开设的学科基础必修课程。旨在使学生了解和认识施工中的主材、辅材、基础施工工艺、基础木工工艺、基础油工工艺。掌握基础的材料加工操作规范及安全技术指标，在符合设计图纸的基础上，能够合理选材，规范、安全加工制作控制完成设计作品

教学内容重点：要求了解和通晓有关各类建筑及装饰材料的品种、加工及施工工艺、制作材料的相关知识。教学内容的难点：通过现场实习，使学生了解建造学的相关知识，材料加工基本常识，理解设计与施工的关系，掌握建筑装饰工程中的施工工艺，具备一定的工程细化与扩出能力。

**推荐教材或主要参考书：**

[1] 《建筑材料工程手册》中国建筑工业出版社，

[2] 《建筑装饰构造》 中国建筑工业出版社

[3] 《建筑装饰材料》中国建筑工业出版社

[4] 《建筑装饰施工》 中国建筑工业出版社

**1760085 Material and Practices**

**Course Number:** 1760085

**Course Title: Materials and** Practices

**English Name:** Materials and Practices

**Course Type:Discipline basic compulsory courses**

**Credit:** 3.0 **Total Credit** Hours: 48

**Students:** Undergraduate students majoring in environmental design

**Prerequisites:** Course 1, Course 2, Course 3

**Evaluation Method:** course participation + written exams

**Course Description:**

Materials and Practices is a **discipline basic compulsory course** offered by the College of Art and Design for undergraduate students majoring in environmental design. It aims to enable students to understand the main materials, auxiliary materials, foundation construction technologies, basic woodworking technologies and basic oil engineering technologies in the construction. Master the basic material processing specifications and safety technical indicators, and reasonably select materials, and safely process materials and control the production of design works on the basis of meeting the design drawings.

Course focus: Understand and get familiar with various kinds of building and decoration materials, processing and construction technologies and manufacturing materials. The difficulties of teaching content: Through the field practice, students can understand relevant knowledge of construction, basic knowledge of material processing, understand the relationship between design and construction, master the construction technology of architectural decoration engineering, and have certain engineering refinement and expansion ability.

**Recommended Textbooks/References:**

[1] Building Materials Engineering Manual, China Building Industry Press,

[2] Building Decoration Structure, China Building Industry Press

[3] Building Decoration Materials, China Building Industry Press

[4] Building Decoration Construction, Building Decoration Materials

**1760086 课题设计1**

**课程编码：**1760086

**课程名称：课题设计1**

**英文名称：**Theme Design 1

**课程类型：**学科基础必修课

**学分：** 3 **总学时：** 48

**面向对象：**环境设计专业本科生

**先修课程：**专题设计3

**考核形式：**平时成绩+考试

**课程简介：**

课题设计1是艺术设计学院为环境设计专业本科生开设的专业选修课程类型。

课题设计1是一门专业性综合性较强的实践课程，主要包括场地设计和户外空间设计。实践内容为景观设计，通过景观设计的教学，要求在方案分析能力和创意思维能力方面得到行之有效的训练。

教学内容的重点：通过对本课程的学习，结合实践案例，使学生掌握城市环境设计的基本方法与技巧。注重培养学生在城市景观、环境渗透、空间功能、视觉意识等方面的设计技能。

教学内容的难点：通过概念性的方案设计与构思，启发学生的创造性思维；并结合实践性的方案设计，使学生由浅入深的掌握景观设计的方法，真正做到理论联系实际，培养出具有一定素质的环境设计人才。

**推荐教材或主要参考书：**

[1] 于立晗，《城市景观设计》，化学工业出版社，2015年11月

[2]（美）约翰•O•西蒙兹，《景观设计学――场地规划与设计手册》（第三版），中国建筑工业出版社，2009.3

**1760086 Theme Design 1**

**Course Number:** 1760086

**Course Title: Theme Design 1**

**English Name:**Theme Design 1

**Course Type:Discipline basic compulsory courses**

**Credit:** 3 **Total Credit Hours**: 48

**Students:** Undergraduate students majoring in environmental design

**Prerequisites:** Theme Design 3

**Evaluation Method:** course participation + written exams

**Course Description:**

Theme Design 1 is a **specialized elective course** offered by the College of Art and Design for undergraduate students majoring in environmental design.

Theme Design 1 is a professional and comprehensive practice course, mainly including site design and outdoor space design. The practice content is landscape design. Through learning the landscape design, students can get effective training in scheme analysis ability and creative thinking ability.

Course focus: Through learning this course, combined with practice cases, students can master basic methods and techniques of urban environmental design. Focus on cultivating students' design skills in urban landscape, environmental penetration, spatial function, visual awareness and so on.

The difficulties of teaching content: Inspire students' creative thinking through conceptual scheme design and conception; combine with practical scheme design to enable students to master the methods of landscape design from shallow to deep, truly integrate theory with practice, and cultivate environmental design talents with certain quality.

**Recommended Textbooks/References:**

[1] Yu Lihan, Urban Landscape Design, Chemical Industry Press, November 2015

[2] (USA) John O. Symonds, Landscape Design---Site Planning and Design Manual (3rd Edition), China Building Industry Press, March 2009

**1760087 课题设计2**

**课程编码：**1760087

**课程名称：**课题设计2

**英文名称：**Theme Design 2

**课程类型：**学科基础必修课

**学分：** 3.0 **总学时：** 48

**面向对象：**环境设计专业本科三年级学生

**先修课程：**专题设计2，照明设计，材料与做法

**考核形式：**考查

**课程简介：**

课题设计2是北京工业大学艺术设计学院为环境设计专业本科三年级学生开设的学科基础必修课。课题设计2为公共空间室内设计课题。本课程是在先学习了专题设计2基础上，对公共空间的规划进行更深入的研究，帮助学生充分掌握公共空间根据功能需求进行分区、重新规划和设计的过程与方法。本课程的任务是在学习了室内设计基础之上针对室内空间的规划进行更深入的研究，帮助学生充分掌握室内空间根据功能需求进行分区、重新规划和设计的过程与方法。教学内容重点：本课程主要讲授室内空间的特性、空间的类型、空间形态与尺度、空间组织与分隔、室内空间界面的处理等，结合实践调研及设计实践，使学生掌握室内空间的类型以及空间塑造的设计手法，并通过多种多样的空间组合方式设计出满足不同需求的室内空间环境。教学内容的难点：空间的衔接、尺度与比例的控制、不同类型空间的塑造、功能空间的划分设计、空间界面的不同处理手段、运用室内设计元素调节空间感等。

**推荐教材或主要参考书：**

[1] 隋洋，《室内设计原理》，吉林美术出版社，2007年1月

[2] 张绮曼、郑曙旸，《室内设计资料集》，建工出版社，1991年6月

**1760087 Theme Design 2**

**Course Number:** 1760087

**Course Title:** Theme Design 2

**English Name:**Theme Design 2

**Course Type:Discipline basic compulsory courses**

**Credit:** 3.0 **Total Credit** **Hours**: 48

**Students: Undergraduate students (junior) majoring in environmental design**

**Prerequisites:** Theme Design 2, Illumination Design, Materials and Practices

**Evaluation Method:** Evaluation

**Course Description:**

Theme Design 2 is a **discipline basic compulsory course** offered by the College of Art and Design of Beijing University of Technology for undergraduate students (junior) majoring in environmental design. Theme Design 2 is the interior design of public space. Based on the study of Theme Design 2, this course conducts further research on the planning of public space, and helps students fully master the process and methods of zoning, re-planning and design of public space according to functional requirements. The main target of this course is to conduct further research on the planning of interior space on the basis of learning interior design, so as to help students fully master the process and methods of zoning, re-planning and design of interior space according to functional requirements. Course focus: This course mainly teaches the characteristics of indoor space, space type, space form and scale, space organization and separation, and the treatment of indoor space interface. Combined with practical research and design practice, students can master the types of indoor space and the design methods of space shaping, and design the indoor space environment to meet different needs through a variety of space combinations. The difficulties of teaching content: The connection of space, the control of scale and proportion, the shaping of different types of space, the division and design of functional space, different treatment means of spatial interface, and the use of interior design elements to adjust the sense of space.

**Recommended Textbooks/References:**

[1] Sui Yang, Principle of Interior Design, Jilin Fine Arts Publishing House, January 2007

[2] Zhang Qiman, Zheng Shuyang, Data Collection of Interior Design, China Building Industry Press, June 1991

**1760089 综合设计1**

**课程编码：**1760089

**课程名称：**综合设计1

**英文名称：**Comprehensive Design 1

**课程类型：**学科基础必修课

**学分：** 3 **总学时：** 48

**面向对象：**艺术设计类本科生

**先修课程：**课题设计1、2、3

**考核形式：** 平时成绩+考试

**课程简介：**

综合设计1课程是针对艺术设计类本科生开设的一门学科基础必修课，是在前期课题设计1、2、3学习基础上的一门专业综合训练课程。本课程的任务是使学生建立对环境设计的综合设计思维方式，了解并掌握完整设计过程中不同设计阶段相关知识点及实践运用能力。教学内容重点：使学生掌握城市环境设计的基本方法与技巧，对方案设计、初步设计、施工图设计等设计流程及内容有一定的综合了解及掌握。注重培养学生在城市景观、环境渗透、空间功能等方面的设计综合技能。教学内容的难点：如何结合当代社会文化和科学技术发展趋势，培养学生对复杂的环境设计问题进行精准处理的综合设计实践能力，为独立进行专业的环境艺术设计与研究打下基础。

**推荐教材或主要参考书：**

[1]（美）约翰•O•西蒙兹，景观设计学――场地规划与设计手册（第三版），中国建筑工业出版社 ，2009年3月

[2] 格兰特.w.里德，美国风景园林设计师协会著.从概念到形式，中国建筑工业出版社，2010年6月

**1760089 Comprehensive Design 1**

**Course Number:** 1760089

**Course Title:** Comprehensive Design 1

**English Name:** Comprehensive Design 1

**Course Type:Discipline basic compulsory courses**

**Credit:** 3 **Total Credit** **Hours**: 48

**Students:** Undergraduate students majoring in art design

**Prerequisites: Theme Design 1, 2, 3**

**Evaluation Method:** course participation + written exams

**Course Description:**

Comprehensive Design 1 is a **discipline basic compulsory course** offered by the College of Art and Design for undergraduate students majoring in art design. It's a professional comprehensive practice course on the basis of prerequisites Theme Design 1, 2 and 3. The main target of this course is to help students establish comprehensive design thinking mode of environmental design, understand and master relevant knowledge points and practical application ability in different stages of the complete design process. Course focus: Enable students to master the basic methods and skills of urban environmental design, and fully understand and master the design process and content of scheme design, preliminary design, construction drawing design and so on. Focus on cultivating students' design comprehensive skills in urban landscape, environmental penetration, spatial function and so on. The difficulties of teaching content: How to combine the development trend of contemporary social culture, science and technology to cultivate students' comprehensive design practice ability to accurately deal with complex environmental design problems, and lay a foundation for independent professional environmental art design and research.

**Recommended Textbooks/References:**

**[1]** (USA) John O. Symonds, Landscape Design---Site Planning and Design Manual (3rd Edition), China Building Industry Press, March 2009

**[2] Grant W. Reed, American Association of Landscape Architects, From Concept to Form, China Building Industry Press, June 2010**

**1760090 综合设计2**

**课程编码：**1760090

**课程名称：**综合设计2

**英文名称：**Comprehensive Design 2

**课程类型：**学科基础必修课

**学分：** 3.0 **总学时：** 48

**面向对象：**环境设计专业本科生

**先修课程：**综合设计1

**考核形式：**平时成绩+考试

**课程简介：**

综合设计2是艺术学院（部）为环境设计专业本科生开设的学科基础必修课程类型。

 《综合设计2》课程从学科发展和人才培养的视角，明确了环境艺术综合设计课程的目的，界定了环境艺术综合设计课程的知识框架，并以理论讲授、原理分析、程序方法及案例解析为主线，遵循学以致用的原则，旨在训练学生独立发现问题、解决问题的综合能力，帮助学生系统地掌握相关知识与技能。
 在理论讲授的基础上，本课程针对方案设计提出了切实可行的设计方法与程序。该课程覆盖了环境艺术综合设计的全部核心内容，从人文理念出发到设计创意与表达，对案例分析和设计实践都做出了翔实的讲述。本课程分为五章，包括设计概述、人文理念与作品赏析、方法与程序、创意与表达以及设计指导( 设计实践)等

教学内容重点：综合设计的构思和方案阶段有大量图纸需要用手绘传达，后期扩初图施工图设计使用到计算机的专业软件部分练习。生态综合设计是对创意能力和工作方法以及工作能力的重点培养

教学内容的难点：综合知识信息需要学生用到文献检索、资料查询方法，及一部分外语资料，对于掌握一门外语有支撑作用，具有一定推动和促进设计实施与科研能力的作用。

**推荐教材或主要参考书：**

[1] 《尖端可持续性：低能耗综合的新兴技术》（原著第2版）[彼得·F·史密斯](http://book.jd.com/writer/%E5%BD%BC%E5%BE%97%C2%B7F%C2%B7%E5%8F%B2%E5%AF%86%E6%96%AF_1.html) 著

[2] 《生态综合学》[刘先觉](http://book.jd.com/writer/%E5%88%98%E5%85%88%E8%A7%89_1.html) 等 著出版社： [中国综合工业出版社](http://book.jd.com/publish/%E4%B8%AD%E5%9B%BD%E5%BB%BA%E7%AD%91%E5%B7%A5%E4%B8%9A%E5%87%BA%E7%89%88%E7%A4%BE_1.html)

[3] 《可持续设计-生态.综合和规划》[威廉姆斯](http://book.jd.com/writer/%E5%A8%81%E5%BB%89%E5%A7%86%E6%96%AF_1.html)著出版社：[华中理工大](http://book.jd.com/publish/%E5%8D%8E%E4%B8%AD%E7%90%86%E5%B7%A5%E5%A4%A7_1.html)出版时间：2015-03-01

**1760090 Comprehensive Design 2**

**Course Number:** 1760090

**Course Title:** Comprehensive Design 2

**English Name:** Comprehensive Design 2

**Course Type:Discipline basic compulsory courses**

**Credit:** 3.0 **Total Credit** **Hours**: 48

**Students:** Undergraduate students majoring in environmental design

**Prerequisites:** Comprehensive Design 1

**Evaluation Method:** course participation + written exams

**Course Description:**

Comprehensive Design 2 is a **discipline basic compulsory course** offered by the College (Department) of Art and Design for undergraduate students majoring in environmental design.

Comprehensive Design 2, from the perspective of discipline development and talents cultivation, defines the purpose of the comprehensive design course of environmental art, defines the knowledge framework of the comprehensive design course of environmental art, and aims to train students' comprehensive ability to find and solve problems independently by taking theory teaching, principle analysis, procedure method and case analysis as the main line and following the principle of learning for application, and helps students systematically master relevant knowledge and skills.
On the basis of theoretical teaching, this course puts forward practical design methods and procedures for scheme design. This course covers all the core contents of comprehensive design of environmental art, and clarifies case analysis and design practice from humanistic concept to design creativity and expression in details. This course is composed of five chapters, including design overview, humanistic ideas and works appreciation, methods and procedures, creativity and expression, and design guidance (design practice), etc.

Course focus: In the conception and scheme stage of comprehensive design, a large number of drawings need to be drawn by hand painting. In the later stage, the enlarged preliminary drawing/construction drawing is designed by the professional software of computer. Ecological comprehensive design is mainly to cultivate the creative ability, working method and working ability.

The difficulties of teaching content: Comprehensive knowledge information requires students to use literature retrieval, data query methods and some foreign language materials. It plays a supporting role in mastering a foreign language and promotes the design implementation and scientific research.

**Recommended Textbooks/References:**

[1] [Peter F. Smith](http://book.jd.com/writer/%E5%BD%BC%E5%BE%97%C2%B7F%C2%B7%E5%8F%B2%E5%AF%86%E6%96%AF_1.html), Sustainability at the Cutting Edge---Emerging Technologies for Low Energy Buildings (Original 2nd Edition),

[2] [Liu Xianjue](http://book.jd.com/writer/%E5%88%98%E5%85%88%E8%A7%89_1.html), Ecological Synthesis, Press: [China General Industry Press](http://book.jd.com/publish/%E4%B8%AD%E5%9B%BD%E5%BB%BA%E7%AD%91%E5%B7%A5%E4%B8%9A%E5%87%BA%E7%89%88%E7%A4%BE_1.html)

[3] [Williams](http://book.jd.com/writer/%E5%A8%81%E5%BB%89%E5%A7%86%E6%96%AF_1.html), Sustainable Design-Ecology, Synthesis and Planning, [Huazhong University of Science and Technology](http://book.jd.com/publish/%E5%8D%8E%E4%B8%AD%E7%90%86%E5%B7%A5%E5%A4%A7_1.html), March 1, 2015

**1711195 创新创业**

**课程编码：**1711195

**课程名称：**创新创业

**英文名称：**XXXXX

**课程类型：**实践环节必修课

**学分：** 2.0 **总学时：** 60

**面向对象：**类本科生

**先修课程：**公共基础必修课、专业基础必修课等课程

**考核形式：**平时成绩+考试

**课程简介：**

创新创业是艺术学院（部）为环境设计专业本科生开设的实践环节必修课程类型。

本课程的任务是“创新创业”课程结合环境设计专业“专业基础教育平台”的各门课程，为学生提供自主创新的设计创业机会，鼓励学生以参与设计竞赛、跨专业合作、创业等为主要形式进行自主学习。

教学内容重点：为学生选择适合的设计竞赛或适合创新创业的课题。

教学内容的难点：在于如何引导学生的创新意识和创业思维。

**推荐教材或主要参考书：**

[1]《设计的革命》，赫尔希贝德纳，山东科技出版社，2003年

[2]《建筑师成长记录：学习建筑的101点体会》 弗莱德里克， 机械工业出版社

**1711195 Creation Business**

**Course Number:** 1711195

**Course Title:** Creation Business

**English Name:**  XXXXX

**Course Type:** Practical compulsory course

**Credit:** 2.0 **Total Credit** **Hours**: 60

**Students:** Undergraduate students

**Prerequisites:** Public basic compulsory courses, specialized basic compulsory courses, etc.

**Evaluation Method:** course participation + written exams

**Course Description:**

Creation and Business Creation is a practice compulsory course offered by the College (Department) of Art and Design for undergraduate students majoring in environmental design.

Combining "Creation and Business Creation" with the courses of "professional basic education platform" of environmental design major, the main target of this course is to provide students with opportunities for independent innovation in design and entrepreneurship, and encourage students to participate in design competitions, interdisciplinary cooperation and entrepreneurship as the main forms of independent learning.

Course focus: Select a suitable design competition or topic of innovation and entrepreneurship for students.

The difficulties of teaching content: How to guide students' innovation consciousness and entrepreneurial thinking?

**Recommended Textbooks/References:**

[1] Hershey Bedner, Revolution in Design, Shandong Science and Technology Press, 2003

[2] Frederick, Growth Record of Architects: 101 Things I Learned in the Architectural School, China Machine Press

**1711162 认识实习**

**课程编码：**1711162

**课程名称：**认识实习

**英文名称：**Cognitive Practice

**课程类型：**实践环节必修课

**学分：** 1.0 **总学时：**30

**面向对象：**环境设计专业本科二年学生

**先修课程：**无环境设计理论1-2，设计表达1-2，空间概念，设计思维

**考核形式：**完成实践报告一份

**课程简介：**

认识实习是北京工业大学艺术设计学院为环境设计专业本科二年级开设的实践环节必修课程，是学生通过实践的感性认知对所学专业产生理性认知的一门课程。通过对实习基地有针对性的参观、学习，可以提高学生对本专业的了解和认识，增加学习兴趣和增强专业自豪感；通过材料市场调研，感性地了解专业性质，为日后专业知识的学习打下良好的基础。本课程对培养学生工程意识、了解社会、接触专业实际、了解行业，身体力行打开思维、拓宽眼界、培养论与实践相结合的实践意识等方面具有重要的意义。教学内容重点：结合专业通过社会调查、市场调查、行业参观，让学生逐步深入了解和与专业相关的社会需求、了解行业的社会定位等，为自己下一步的学习确定发展方向，同时也为下一阶段的实践教学打下很好的感性基础。教学内容的难点：结合专业公司实际运营情况，及行业发展现状完成调查报告; 多渠道的整合资料信息,形成性问卷的制作及设计。

**推荐教材或主要参考书：**

[1] 罗小未主编，《外国近现代建筑史（第二版）》，中国建筑工业出版社出版，2004年9月

**1711162 Practice for Theoretical Knowledge**

**Course Number:** 1711162

**Course Title:** Practice for Theoretical Knowledge

**English Name:** Practice for Theoretical Knowledge

**Course Type:** Practical compulsory course

**Credit:** 1.0 **Total Credit Hours**: 30

**Students:** Undergraduate students (sophomore) majoring in environmental design

**Prerequisites:** Theories on Environmental Design 1-2,Design Expression 1- 2, Spatial Concepts, Design Thinking

**Evaluation Method:** Complete a practice report

**Course Description:**

Practice for Theoretical Knowledge is a practice compulsory course offered by the College of Art and Design of Beijing University of Technology for undergraduate students (sophomore) majoring in environmental design and is a course in which students produce rational cognition of their major through perceptual cognition in practice. Through the targeted visit and study of the practice base, students can improve their understanding of their major, increase their interest in learning and enhance their professional pride. Through material market research, students can understand the professional nature perceptually, so as to lay a solid foundation for the study of professional knowledge in the future. This course is of great significance to cultivate students' engineering awareness, understand society, conduct professional practice, understand industry, practice, open thinking, broaden their horizons, and cultivate practical awareness of the combination of theory and practice. Course focus: Through social survey, market survey and industry visit, enable students to deeply understand the social needs related to specialty, understand the industry's social positioning, etc., determine the direction of development for the future study and lay a good perceptual foundation for the practice teaching in the next stage. The difficulties of teaching content: Complete the investigation report as per the actual operation condition of company and current situation of industrial development, collect information from multi-channels, make and design the questionnaire.

**Recommended Textbooks/References:**

[1] Luo Xiaowei (Editor-in-chief), History of Foreign Modern Architecture (2nd Edition), China Building Industry Press, September 2004

**1711205 工作实习**

**课程编码：**1711205

**课程名称：**工作实习

**英文名称：**Practice for Employment

**课程类型：**实践环节必修课

**学分：** 4.0 **总学时：** 120

**面向对象：**环境设计专业本科生

**先修课程：**本专业全部专业限选课

**考核形式：**撰写报告、分组汇报

**课程简介：**

工作实习是北京工业大学艺术设计学院为环境设计专业本科生开设的实践环节必修课程，是学生在完成教学培养计划所规定的课程之后，即将进入毕业设计之前的一个重要实践性教学环节。本课程的任务是通过毕业实习，深入企业、公司和设计单位进行实践课题项目设计或生产实践，学习和掌握该行业的相关实践知识与技术，进一步巩固所学理论知识，加强理论联系实际，检验并提高自己的设计实践能力。教学内容重点：针对毕业设计任务的内容，了解施工、设计中的实际情况，收集相关资料，为完成毕业设计任务做好准备、奠定基础；同时培养学生的独立生活和独立工作的能力，为毕业后顺利走上工作岗位打好实践基础。教学内容的难点：通过实习让学生了解社会和企业对于毕业生知识结构和能力素质的需求，及时调整自己的知识结构尽快适应社会发展需要。

**推荐教材或主要参考书：**

[1] 建筑设计资料集编委会，《建筑设计资料集》，中国建筑工业出版社，2005年8月

[2] 高祥生等，《室内设计师手册》，中国建筑工业出版社，2001年4月

**1711205 Practice for Employment**

**Course Number:** 1711205

**Course Title:** Practice for Employment

**English Name:** Practice for Employment

**Course Type:** Practical compulsory course

**Credit:** 4.0 **Total Credit** **Hours**: 120

**Students:** Undergraduate students majoring in environmental design

**Prerequisites:** All specialized elective courses of this major

**Evaluation Method:** Write reports and make group reports

**Course Description:**

Work Internship is a practice compulsory course offered by the College of Art and Design of Beijing University of Technology for undergraduate students majoring in environmental design and is an important practical teaching link before students enter the graduation project after completing the courses prescribed by the teaching training plan. The main target of this course is to carry out practical project design or production practice in enterprises, companies and design units through graduation practice, learn and master relevant practical knowledge and technology of the industry, further consolidate the theoretical knowledge learned, strengthen the integration of theory with practice, and test and improve the design practice ability. Course focus: Aiming at the graduation design content, learn the actual condition in the construction and design, collect relevant information, make preparation and lay a foundation for completing the graduation design; and cultivate student's independent living and working ability so as to lay a practice foundation for the smooth work after graduation. The difficulties of teaching content: Through the internship, enable students to understand the needs of the society and enterprises for the knowledge structure and ability quality of graduates, and adjust their knowledge structure to meet the needs of social development as soon as possible.

**Recommended Textbooks/References:**

[1] Editorial Board of Sourcebook of Contemporary Architecture, Sourcebook of Contemporary Architecture, China Building Industry Press, August 2005

[2] Gao Xiangsheng, et al., Manual for Interior Designers, China Building Industry Press, April 2001

**1711229 艺术采风**

**课程编码：**1711229

**课程名称：**艺术采风

**英文名称：**Sketch

**课程类型：**实践环节必修课

**学分：** 2 **总学时：**60

**面向对象：**环境设计专业本科四年级学生

**先修课程：**速写、环境设计理论、设计表达1、2、3、课题设计、专题设计

**考核形式：**平时成绩+考试

**课程简介：**

本课程是环境艺术设计专业的实践环节必修课，是毕业设计之前的准备期，学生可以灵活应用，可将其作为毕业设计的项目考察和筹划阶段，或者对所学专业进行总结和整理。

课程教学目标：是让学生通过本课程促进理论和实践相结合，为即将步入社会设计实践，或进一步深造提供实践验证依据。

本课程以教学系部列出采风地点范围，学生自主选择为主要方式，系部自主设计课题，采用个人汇报演讲的方式完成。

选取特定主题，包含地域、建筑、景观、事物或元素均可，考察、研究、分析相关文化背景，通过手绘、摄影或相关采集方式，记录、采集、整理相关素材，创作内容丰富的图文演示，以汇报的形式作为成果呈现。

重点：在于自主选题，教师需要引导、判定、辅导学生寻求方向

难点：独立设定主题，独立完成，并独立汇报，不仅主题设计要有独特性、趣味性，同时还要具有价值和意义。

**推荐教材或主要参考书：**

[1] 温庆武,周秀梅 《艺术采风——中国传统设计艺术考察》 武汉大学出版社 2011年10月

[2] 李斌，戴红梅，李娟 《艺术采风》 北京理工大学出版社 2009年05月

**1711229 Art Information Gathering**

**Course Number:** 1711229

**Course Title:** Art Information Gathering

**English Name:** Art Information Gathering

**Course Type:** Practical compulsory course

**Credit:** 2 **Total Credit Hours**: 60

**Students:** Undergraduate students (senior) majoring in environmental design

**Prerequisites:** Sketching, Theories on Environmental Design, Design Expression 1, 2, 3, Theme Design, Theme Design

**Evaluation Method:** course participation + written exams

**Course Description:**

This course is a practice compulsory course for environmental art design and the preparation period before graduation design. Students can apply it flexibly, and it can be used as the project investigation and planning stage of graduation design, or summary and sorting of the specialty.

The main target of this course is to enable students to combine theory with practice and provide practice verification basis for social design practice and further study.

The Teaching Department will list the scope of art information gathering site and design topics, students can independently select the site and make a presentation.

Select a specific theme, including region, architecture, landscape, things or elements, investigate, study and analyze the relevant cultural background, record, collect and sort out relevant materials through hand drawing, photography or relevant collection methods, and create a rich graphic presentation and present the achievements by a report.

Key points: independently select topics, guide, judge and assist students to find the direction

Difficulties: independently set the theme, independently complete and report; the theme design should be unique and interesting and of value and significance.

**Recommended Textbooks/References:**

[1] Wen Qingwu, Zhou Xiumei, Art Information Gathering: A Survey of Chinese Traditional Design Art, Wuhan University Press, October 2011

[2] Li Bin, Dai Hongmei, Li Juan, Art Information Gathering, Beijing Institute of Technology Press, May 2009

**1711194 传统文化调研**

**课程编码：**1711194

**课程名称：**传统文化调研

**英文名称：**XXXXX

**课程类型：**实践环节必修课

**学分：** 2.0 **总学时：** 60

**面向对象：**环境设计专业本科生

**先修课程：**勘查与调研1（民居）, 勘查与调研2（古建）

**考核形式：** 平时成绩+考试

**课程简介：**

传统文化调研是艺术设计学院为环境设计专业本科生开设的实践环节必修课程类型。

本课程的任务是通过对专业所涉及的中国优秀古典园林进行实地调研，深入了解中国传统文化与环境艺术设计的关系。

教学内容重点：课程教授学生关于课程调研内容专业的调研方法，详细介绍中国优秀古典园林代表与特色，了解其内在自然与文化成因、建筑构造、空间形态、生态与技术、民俗、风水等因素。

教学内容的难点：使学生更加深入的理解设计的文脉，传承与场地真实现状的深层联系，学会挖掘事物特征的本质与关联性，分析研究其内在的中国传统自然观和哲学观，完成形式与哲学思想的空间转化设计作品。

**推荐教材或主要参考书：**

[1] 彭一刚，《中国古典园林分析》，中国建筑工业出版社，2008年10月

[2] 李晶，《社会调查方法(中等职业教育国家规划教材)》，中国人民大学出版社，2003年2月

**1711194 Investigation on Traditional Culture**

**Course Number:** 1711194

**Course Title:** Investigation on Traditional Culture

**English Name:** XXXXX

**Course Type:** Practical compulsory course

**Credit:** 2.0 **Total Credit** **Hours**: 60

**Students:** Undergraduate students majoring in environmental design

**Prerequisites:** Survey and Investigation 1 (Residential House), Residential House 2 (Ancient Building)

**Evaluation Method:** course participation + written exams

**Course Description:**

Investigation on Traditional Culture is a practice compulsory course offered by the College of Art and Design for undergraduate students majoring in environmental design.

The main target of this course is to deeply understand the relationship between Chinese traditional culture and environmental art design through field investigation of Chinese excellent classical gardens involved in the major.

Course focus: The course teaches students about the research contents and professional research methods of the course, introduces in detail the representatives and characteristics of Chinese excellent classical gardens, and understands their internal natural and cultural causes, architectural structure, spatial form, ecology and technology, folk customs, Feng Shui (geomancy) and other factors

The difficulties of teaching content: Enable students to have a deeper understanding of the context of design, inherit the deep relationship with the real current situation of the site, learn to explore the essence and relevance of the characteristics of things, analyze and study its internal traditional Chinese view of nature and philosophy, and complete the spatial transformation of form and philosophy into design works.

**Recommended Textbooks/References:**

[1] Peng Yigang, Analysis of Chinese Classical Gardens, China Building Industry Press, October 2008

[2] Li Jing, Methods of Social Investigation (National Planned Textbooks for Secondary Vocational Education), China Renmin University Press, February 2003

**1760044 毕业设计（论文）**

**课程编码：**1760044

**课程名称：**毕业设计（论文）

**英文名称：**Graduation Design

**课程类型：**实践环节必修课

**学分：**8.0 **总学时：**480

**面向对象：**环境设计专业本科生

**先修课程：**公共基础必修课

**考核形式：**平时成绩+考试

**课程简介：**

《毕业设计（论文）》是实践环节必修课，是环境艺术设计的主干课程。本课程体现毕业要求关于专业基础理论、综合运用专业设计与实践的基本能力、建筑装饰行业的相关技术以及材料做法、环境艺术设计表达、文化艺术包括跨学科知识的素养、环境艺术设计领域规范与发展动态、文献检索和资料查询等方面的知识与能力。其全面涵盖了环境艺术设计所需的能力与要求，旨在培养学生综合运用所学的知识、理论和技能，解决具有一定复杂程度综合性实际问题的独立工作能力、经济分析能力和创新能力，养成理论联系实际的工作作风。

**推荐教材或主要参考书：**

1. （日）小原二郎.《室内空间设计手册》.中国建筑工业出版社，2009.5
2. 张绮曼、郑曙旸.《室内设计资料集》.建工出版社，1991.6
3. 郑曙旸.《室内设计程序》（第3版）.建工出版社，2011.2
4. 李朝阳.《室内空间设计》.建工出版社，2011.9
5. 张月.《室内人体工程学》.建工出版社，2005.9
6. 李朝阳.《装修构造与施工图设计》.建工出版社，2005.8

[7] Richard Weston: Modernism, Phaidon Press Limited,London,1996

**1760044 Graduation Design (Thesis Writing)**

**Course Number:** 1760044

**Course Title:** Graduation Design(Thesis Writing)

**English Name:** Graduation Design

**Course Type:** Practical compulsory course

**Credit:** 8.0 **Total Credit** **Hours**: 480

**Students:** **Undergraduate students majoring in environmental design**

**Prerequisites:** Public Basic Compulsory Courses

**Evaluation Method:** course participation + written exams

**Course Description:**

Graduation Design (Thesis Writing) is a practice compulsory course and main course of environmental art design. This course reflects the knowledge and ability as required by graduation on professional basic theory, basic ability of comprehensive application of professional design and practice, relevant technologies and material practices of architectural decoration industry, expression of environmental art design, literacy of culture and art including interdisciplinary knowledge, norms and development trends in the field of environmental art design, literature retrieval and data query and so on. Fully covering the abilities and requirements required by environmental art design, it aims to cultivate students' independent working ability, economic analysis ability and innovation ability to comprehensively use the knowledge, theory and skills learned to solve comprehensive practical problems with a certain degree of complexity, and develop a work style of combining theory with practice.

**Recommended Textbooks/References:**

1. (Japan) Kohara Erlang, Interior Space Design Manual, China Building Industry Press, May 2009
2. Zhang Qiman, Zheng Shumin, Data Collection of Interior Design, China Building Industry Press, June 1991
3. Zheng Shuyang, Interior Design Process (3rd Edition), China Building Industry Press, February 2011
4. Li Chaoyang, Interior Space Design, China Building Industry Press, September 2011
5. Zhang Yue, Indoor Ergonomics, China Building Industry Press, September 2005
6. Li Chaoyang, Decoration Structure and Construction Drawing Design, China Building Industry Press, August 2005

[7] Richard Weston: Modernism, Phaidon Press Limited,London,1996

**1760067 设计制图**

**课程编码：**1760067

**课程名称：**设计制图

**英文名称：**Design Graphical Plot

**课程类型：**学科基础选修课

**学分：** 2 **总学时：** 32

**面向对象：**设计类本科生

**先修课程：**设计思维，速写

**考核形式：**平时成绩+考试

**课程简介：**

设计制图是艺术设计学院为设计学专业本科生开设的学科基础选修课。本课程的任务是结合系统的理论讲授和课堂练习来展开教学的，通过对正投影法和画法几何的学习，要求学生掌握正投影的基本理论和绘图方法，使学生掌握绘制工程形体图样的基本能力，为学生后续的课程设计和毕业设计打下基础。培养学生分析问题和解决问题的能力、认真负责的工作态度和严谨细致的工作作风。

教学内容重点：画法几何，制图标准的基本规定，点线面体的投影，正等测图画法以及剖面图的画法。

教学内容的难点：画法几何，画图步骤和方法、轴测图和断面图的绘制以及综合作图。

**推荐教材或主要参考书：**

[1] 魏艳萍. 建筑制图. 中国电力出版社，2017.02

[2] 王可越. 设计思维创新导引. 清华大学出版社，2017.07

[3] 王农. 制图基础. 北京航空航天大学出版社，2019.08

[4] 保罗·拉索. 图解思考. 中国建筑工业出版社，2002.07

**1760067 Design Graph**

**Course Number:** 1760067

**Course Title:** Design Graph

**English Name:** Design Graph

**Course Type: Discipline basic elective course**

**Credit:** 2 **Total Credit** **Hours**: 32

**Students:** Undergraduate students majoring in design

**Prerequisites:Design Thinking, Sketch**

**Evaluation Method:** course participation + written exams

**Course Description:**

Design Graph is a discipline basic compulsory course offered by the College of Art and Design for undergraduate students majoring in design. The main target of this course is to carry out teaching in combination with systematic theoretical teaching and classroom practice. Through learning the orthographic projection method and descriptive geometry, students can master the basic theory and drawing method of orthographic projection and master the basic ability of drawing engineering shape drawings, and lay a foundation for students' subsequent course design and graduation design. Cultivate students' ability to analyze and solve problems, serious and responsible work attitude and rigorous and meticulous work style.

Course focus: Descriptive geometry, basic provisions of drafting standards, projection of points, lines and surfaces, isometric drawing and profile map drawing.

The difficulties of teaching content: Descriptive geometry, drawing steps and methods, drawing of axonometric and profile map drawings and comprehensive drawing.

**Recommended Textbooks/References:**

**[1] Wei Yanping, Architectural Graphing, China Electric Power Press, February 2017**

**[2] Wang Keyue, Innovation Via Design Thinking, Tsinghua University Press, July 2017**

**[3] Wang Nong, Drafting Foundation, Beijing University of Aeronautics and Astronautics Press, August 2019**

**[4] Paul Laseau, Graphic Thinking, China Building Industry Press, July 2002**

# 1760068 室内设计基础

**课程编码：**1760068

**课程名称：**室内设计基础

**英文名称：**Interior Design Foundations

**课程类型：**学科基础选修课

**学分：**2.0 **总学时：**32

**面向对象：**环境设计专业本科生

**先修课程：**公共基础必修课

**考核形式：**平时成绩+考试

**课程简介：**

《室内设计基础》是学科基础选修课。本课程是对室内设计的全面阐述，通过教学使学生了解室内设计行业以及室内设计的构成要素、设计流程、操作方法等专业理论知识。本课程在教学内容上分为两部分：一部分为以课堂讲授为主的理论教学，另一部分为以实践调研结合设计创作为内容的实践教学。理论教学帮助学生在理解室内设计的基本概念、基本原理和基础知识的基础上，掌握设计原则和设计内容，掌握设计方法和设计手段，在通过实践教学训练学生熟练运用基本原理解决设计实践中遇到的实际问题，运用室内设计方法按照室内设计方法程序完成室内设计任务。

**推荐教材或主要参考书：**

[1] 隋洋. 《室内设计原理》.吉林美术出版社，2007.1

[2] 张绮曼、郑曙旸.《室内设计资料集》.建工出版社，1991.6

[3] 郑曙旸.《室内设计程序》（第3版）.建工出版社，2011.2

[4] 李朝阳.《室内空间设计》.建工出版社，2011.9

[5] 张月.《室内人体工程学》.建工出版社，2005.9

[6] 李朝阳.《装修构造与施工图设计》.建工出版社，2005.8

# 1760068 Interior Design Foundations

**Course Number:** 1760068

**Course Title:** Interior Design **Foundations**

**English Name: Interior Design** **Foundations**

**Course Type:** Discipline basic elective course

**Credit:** 2.0 **Total Credit Hours**: 32

**Students: Undergraduate students majoring in environmental design**

**Prerequisites:** Public Basic Compulsory Courses

**Evaluation Method:** course participation + written exams

**Course Description:**

Interior Design Foundations is a discipline basic elective course. This course is to comprehensively elaborate the interior design. Through learning this course, students can understand the interior design industry and the professional theoretical knowledge of the constituent elements, design process and operation methods of interior design. The teaching contents of this course are composed of two parts: theory teaching by classroom teaching and practice teaching by practice research combined with design creation. Theory teaching helps students master design principles and contents, design methods and design means on the basis of understanding the basic concepts, basic principles and basic knowledge of interior design, and trains students to skillfully use basic principles to solve practical problems encountered in design practice through practical teaching and use the interior design method to complete the interior design task according to the interior design method procedure.

**Recommended Textbooks/References:**

[1] Sui Yang, Principle of Interior Design, Jilin Fine Arts Publishing House, January 2007

[2] Zhang Qiman, Zheng Shumin, Data Collection of Interior Design, China Building Industry Press, June 1991

[3] Zheng Shuyang, Interior Design Process (3rd Edition), China Building Industry Press, February 2011

[4] Li Chaoyang, Interior Space Design, China Building Industry Press, September 2011

[5] Zhang Yue, Indoor Ergonomics, China Building Industry Press, September 2005

[6] Li Chaoyang, Decoration Structure and Construction Drawing Design, China Building Industry Press, August 2005

**1760069 景观设计基础**

**课程编码：**1760069

**课程名称：**景观设计基础

**英文名称：**Landscape Design Foundations

**课程类型：**学科基础选修课

**学分：** 2 **总学时：** 32

**面向对象：**艺术设计类本科生

**先修课程：**设计制图、设计表达、材料与工艺

**考核形式：**平时成绩+考试

**课程简介：**

景观设计基础课程是针对艺术设计类本科生开设的一门学科基础选修课，本课程的任务是通过理论讲授、课下阅读和案例分析等环节的学习，使学生对景观设计的基本概念、发展历史、专业界限、设计思维方法、设计程序等有初步了解，为未来的专业课程学习建立理论基础。教学内容重点：风景园林历史发展简史、风景园林设计的构成要素、景观设计的原则及设计伦理、未来发展趋势、设计程序、方法、相关案例分析、课下阅读及研讨等知识点。教学内容的难点：如何结合当代社会文化和科学技术发展趋势，在掌握景观设计的基本认知基础上进行基本的设计实践运用，为独立进行景观设计与研究打下基础。

**推荐教材或主要参考书：**

[1]（美）约翰•O•西蒙兹，景观设计学――场地规划与设计手册（第三版），中国建筑工业出版社 ，2009年3月

[2] 格兰特.w.里德，美国风景园林设计师协会著.从概念到形式，中国建筑工业出版社，2010年6月

**1760069 Landscape Design Foundations**

**Course Number:** 1760069

**Course Title:** Landscape Design **Foundations**

**English Name:** **Landscape Design Foundations**

**Course Type: Discipline basic elective course**

**Credit:** 2 **Total Credit** **Hours**: 32

**Students:** Undergraduate students majoring in art design

**Prerequisites:** Design Graph, Design Deliverance, Materials and Practices

**Evaluation Method:** course participation + written exams

**Course Description:**

Landscape Design Foundations is a discipline basic elective course for undergraduate students majoring in art design. The main target of this course is to enable students to fully understand the basic concepts, development history, professional boundaries, design thinking methods and design procedures of landscape design through the study of theoretical teaching, after class reading and case analysis, so as to establish a theoretical basis for the study of professional courses in the future. Course focus: A brief history of the historical development of landscape architecture, the constituent elements of landscape architecture design, the principles and ethics of landscape design, future development trends, design procedures, methods, relevant case analysis, reading and discussion after class and other knowledge points. The difficulties of teaching content: How to combine the development trend of contemporary social culture, science and technology to carry out basic design practice on the basis of mastering the basic cognition of landscape design, so as to lay a foundation for independent landscape design and research.

**Recommended Textbooks/References:**

**[1]** (USA) John O. Symonds, Landscape Design---Site Planning and Design Manual (3rd Edition), China Building Industry Press, March 2009

**[2] Grant W. Reed, American Association of Landscape Architects, From Concept to Form, China Building Industry Press, June 2010**

**1760070 方案版式设计**

**课程编码：**1760070

**课程名称：**方案版式设计

**英文名称：**Layout Design for Scheme

**课程类型：**实践环节选修课

**学分：** 1 **总学时：**30

**面向对象：**环境设计专业本科三年级学生9

**先修课程：**空间概念、设计思维、专题设计1、专题设计2

**考核形式：**平时成绩+考试

**课程简介：**

方案版式设计是环境设计的实践环节选修课。环境设计的学生在经过一年和二年的学习，已经制作了几套方案，方案提交的图版效果往往不尽如人意，方案版式设计就是学习专业的版式设计手段，使学生个人的方案作品能够呈现良好的版式设计效果。教学的重点，是梳理方案的二维的视觉化呈现，其难点是培养学生的二维视觉秩序思维过程。通过本课程教学，明确版式设计原理在方案设计活动中至关重要的作用。

本课程注重设计前沿理论的研究和开发，是对学生艺术潜质、思维方式、创造能力等综合素质的全面开发和培养，帮助学生掌握科学的思维方法、搭建完备的设计理念构架、构建合理的设计知识体系，自觉地运用版式设计原理进行艺术设计。同时，本课程能有效地激发学生们的设计潜能，在艺术设计学习的过程中，不断地调整自己，从认识自我到超越自我，成为时代需求的艺术设计人才。

**1760070 Layout Design for Scheme**

**Course Number:** 1760070

**Course Title:** Layout Design for Scheme

**English Name:** Layout Design for Scheme

**Course Type:** Practice elective course

**Credit:** 1 **Total Credit Hours**: 30

**Students:** Undergraduate students (junior) majoring in environmental design 9

**Prerequisites:** Spatial Concepts, Design Thinking, Theme Design 1, Theme Design 2

**Evaluation Method:** course participation + written exams

**Course Description:**

Layout Design for Scheme is a practice elective course of environmental design. Through the study of one to two years, students majoring in environmental design have made several schemes but the layout effect of the scheme submission is unsatisfactory. The scheme layout design is to learn professional means of layout design, so that students' individual scheme works can present a good layout design effect. The key point is to comb the two-dimensional visual presentation of scheme and the difficult point is to cultivate students' two-dimensional visual order thinking process. Through teaching this course, make clear that the layout design principle plays an important role in the program design activities.

This course focuses on the research and development of design frontier theory. It's to comprehensively develop and students' artistic potential, way of thinking and creative ability, help students master scientific thinking methods, build a reasonable design knowledge system and consciously use the layout design principle for artistic design. Meanwhile, this course can effectively inspire students' design potential, constantly adjust themselves from self-cognition to self-transcendence, to To become the art and design talents of The Times.

**Recommended Textbooks/References:**

1. Li Yujun, Layout Design, Hubei Fine Arts Publishing House, July 2009 (1st Edition)
2. Zhou Feng, Layout Design (1st Edition), Peking University Press, September 2009

**1760071 勘查与调研1（民居）**

**课程编码：**1760071

**课程名称：**勘查与调研1（民居）

**英文名称：**

**课程类型：**实践环节选修课

**学分：** 2 **总学时：** 60

**面向对象：**艺术设计类本科生

**先修课程：**

**考核形式：** 平时成绩+考试

**课程简介：**

本课程是针对艺术设计类本科生开设的一门实践环节选修课。本课程的任务是，通过外出实地调查研究和户外写生进一步加深学生对中国乡土民居建筑的认识和感受、提高学生的审美能力、加深和拓宽学生的建筑修养；同时锻炼学生在实践中的意志力、吃苦精神、协作与友爱精神。教学内容重点：通过实地调研引导学生认识乡土建筑，了解其内在自然与文化成因、建筑构造、聚落空间形态、生态与技术、民俗、风水等，并且在现存问题基础上提出改造方案。教学内容的难点：加深学生对传统特色民居的建筑造型、结构、色彩、装饰等的了解，学习和借鉴优秀传统文化，为环境设计专业奠定更加具象的传统文化修养，并为以后的设计实践提供丰富的创作思路。

**推荐教材或主要参考书：**

[1]李秋香，罗德胤，贾珺，北方民居（中国民居五书），清华大学出版社，2010年5月

[2]中国民居建筑丛书（共15册），中国建筑工业出版社，2009年12月

**1760071 Survey and Investigation 1 (Residential House)**

**Course Number:** 1760071

**Course Title:** Survey and Investigation 1 (Residential House)

**English Name:** Survey and Investigation 1 (Residential House)

**Course Type: Practice elective course**

**Credit:** 2 **Total Credit** **Hours**: 60

**Students:** Undergraduate students majoring in art design

**Prerequisites:**

**Evaluation Method:** course participation + written exams

**Course Description:**

This course is a practice elective course for undergraduate students majoring in art design. The main target of this course is to further deepen students' understanding and feeling of Chinese local residential buildings, improve students' aesthetic ability, and deepen and broaden students' architectural cultivation through field investigation and outdoor sketching; meanwhile exercise students' willpower, hardship spirit, cooperation and friendship spirit in practice. Course focus: Through field investigation, guide students to understand vernacular architecture, understand its inherent natural and cultural causes, architectural structure, spatial form of settlement, ecology and technology, folk custom, Fengshui (geomancy), etc., and put forward the reform plan on the basis of existing problems. The difficulties of teaching content: Deepen students' understanding of the architectural modeling, structure, color and decoration of traditional houses, learn from excellent traditional culture, lay a more concrete traditional cultural cultivation for the major of environmental design, and provide rich creative ideas for future design practice.

**Recommended Textbooks/References:**

[1] Li Qiuxiang, Luo Deyin, Jia Jun, Northern Vernacular Houses (Five Books of Chinese Vernacular Houses), Tsinghua University Press, May 2010

[2] Chinese Vernacular House Series (15 Volumes), China Building Industry Press, December 2009

**1760072 勘察与调研2（古建）**

**课程编码：**1760072

**课程名称：**勘察与调研2（古建）

**英文名称：**Sketch

**课程类型：**实践环节选修课

**学分：** 2 **总学时：**60

**面向对象：**环境设计专业本科二年级学生

**先修课程：**速写、环境设计理论、设计表达1、2、3、

**考核形式：**平时成绩+考试

**课程简介：**

本课程是实践环节选修课，是培养专业实践技能，提高专业理论水平，增强专业研究和社会调查实践能力，为高年级专业课程的学习奠定坚实的基础。

对历史传统建筑进行勘查，绘制完整的建筑测绘图纸，对被测建筑的发展历史及其自然与社会背景，进行广泛调查与综合分析，并编写调查报告。

掌握中国建筑史的知识，掌握摄影基本技能，具备建筑知识、建筑制图、建筑设计能力与文字书写表达能力。

通过实习要求学生熟悉中国古代建筑或传统建筑的工程作法及装饰特点；掌握建筑测绘的方法步骤，合理地选用三视图正确表达建筑物。

古建筑测绘实习是在完成中国建筑历史课程教学之后，通过对实际建筑对象的现场调查、测绘，以印证、巩固和提高课堂所学的理论知识，加深对古建筑或传统建筑的群体组合，设计手法、结构特点，工程作法及装饰特征的理解．同时古建筑测绘将历史保留下的古建筑实物按比例绘制成档案性图纸，为古建筑保护与科研做出贡献。

**推荐教材或主要参考书：**

[1] 王晓华《中国古建筑构造技术》 化学工业出版社 2019年02月出版

[2] 马炳坚《中国古建筑木作营造技术》 科学出版社出 2018年08月 （第二版）

[3] 李乾朗《穿墙透壁剖视中国经典古建筑》 广西师范大学出版社 2009年10月

**1760072 Survey and Investigation 2 (Ancient Building)**

**Course Number:** 1760072

**Course Title:** Survey and Investigation 2 (Ancient Building)

**English Name:** Survey and Investigation 2 (Ancient Building)

**Course Type:** Practice elective course

**Credit:** 2 **Total Credit Hours**: 60

**Students:** Undergraduate students (Sophomore) majoring in environmental design

**Prerequisites:** Sketch, Theories on Environmental Design 1, Design Expression 1,2,3

**Evaluation Method:** course participation + written exams

**Course Description:**

This course is a practical elective course, which is to cultivate professional practical skills, improve professional theoretical level, enhance professional research and social investigation practical ability, and lay a solid foundation for the study of senior professional courses.

Survey historical and traditional buildings, draw complete architectural surveying and mapping drawings, conduct extensive investigation and comprehensive analysis on the development history and natural and social background of the measured buildings, and prepare investigation reports.

Master the Chinese architectural history, master the basic skills of photography, and possess the ability of architectural knowledge, architectural drawing, architectural design and written expression.

Through practice, students can get familiar with the engineering practices and decorative characteristics of Chinese ancient architecture or traditional architecture; master the methods and steps of building surveying and mapping, reasonably select three views to correctly express the building.

The practice of surveying and mapping of ancient buildings is to confirm, consolidate and improve the theoretical knowledge learned in the classroom and deepen the understanding of the group combination, design methods, structural characteristics, engineering practices and decorative characteristics of ancient buildings or traditional buildings through on-site investigation and surveying and mapping of the actual architectural objects after completing the teaching of Chinese architectural history. Meanwhile, through the surveying and mapping of ancient buildings, the ancient buildings retained by history are drawn into archival drawings in proportion to make contributions to the protection and scientific research of ancient buildings.

**Recommended Textbooks/References:**

[1] Wang Xiaohua, Chinese Ancient Architecture Technology, Chemical Industry Press, February 2019

[2] Ma Bingjian, Woodwork Construction Technology of Chinese Ancient Architecture (2nd Edition), Science Press, August 2018

[3] Li Qianlang, Through-Wall, Section View of Chinese Classical Ancient Architecture, Guangxi Normal University Press, October 2009

**1760076 环境设计理论3**

**课程编码：**1760076

**课程名称：**环境设计理论3

**英文名称：**Environmental Design Theory III

**课程类型：**专业选修课

**学分：** 2 **总学时：** 32

**面向对象：**艺术设计类本科生

**先修课程：**环境设计理论1, 环境设计理论2, 设计思维

**考核形式：**平时成绩+考试

**课程简介：**

环境设计理论3是艺术设计学院为环境设计专业本科生开设的专业选修课程类型。本课程的任务是使学生在空间设计中了解环境心理学的经典理论及其发展，掌握空间环境与人的互动从认知、社会行为、应激等传统的心理学问题和环境与人的互动关系，能够分析空间设计问题背后的心理学因素以及环境问题与行为对策，掌握人的心理、行为与其所处环境之间的关系。使学生在未来的专业学习及实践中有意识地促进人工环境设计人性化，改善人与自然环境关系的心理学途径及方法，为进一步的专业学习奠定理论基础。教学内容重点：环境-行为关系理论、环境知觉与空间认知、私密性、个人空间、领域及其行为等。教学内容的难点：环境-行为关系的设计实践应用、潜在环境及环境应激。

**推荐教材或主要参考书：**

[1] 张一曼、郑曙阳，室内设计资料集，中国建筑工业出版社，1991年1月

[2]房慧聪，环境心理学：心理、行为与环境，上海教育出版社，2019年10月

[3] [胡正凡](http://search.dangdang.com/?key2=%BA%FA%D5%FD%B7%B2&medium=01&category_path=01.00.00.00.00.00)，[林玉莲](http://search.dangdang.com/?key2=%C1%D6%D3%F1%C1%AB&medium=01&category_path=01.00.00.00.00.00)，环境心理学——环境-行为研究及其设计应用，中国建筑工业出版社，2018年8月

[4][唐纳德](http://search.dangdang.com/?key2=%CC%C6%C4%C9%B5%C2&medium=01&category_path=01.00.00.00.00.00)·A·[诺曼](http://search.dangdang.com/?key2=%C5%B5%C2%FC&medium=01&category_path=01.00.00.00.00.00)，设计心理学，中信出版社，2016年6月

**1760076 Theories on Environmental Design 3**

**Course Number:** 1760076

**Course Title:** Theories on Environmental Design 3

**English Name:** Theories on Environmental Design 3

**Course Type:** Major elective courses

**Credit:** 2 **Total Credit** **Hours**: 32

**Students:** Undergraduate students majoring in art design

**Prerequisites:** Theories on Environmental Design 1,Theories on Environmental Design2, Design Thinking

**Evaluation Method:** course participation + written exams

**Course Description:**

Theories on Environmental Design 3 is a specialized elective course offered by the College of Art and Design for undergraduate students majoring in environmental design. The main target of this course is to enable students to understand the classical theory and development of environmental psychology in space design, master the interaction between space environment and people, analyze the psychological factors behind space design problems, environmental problems and behavioral countermeasures, and master the relationship between people's psychology, behavior and its environment. Enable students to promote humanization of artificial environment design consciously in the future professional study and practice, master the psychological approaches and methods to improve the relationship between human and natural environment and further lay a theoretical foundation for professional study. Course focus: Environment-behavior relationship theory, environmental perception and spatial cognition, privacy, personal space, domain and behavior, etc. The difficulties of teaching content: Design practice application, potential environment and environment stress of environment-behavior relationship.

**Recommended Textbooks/References:**

[1] Zhang Qiman, Zheng Shumin, Data Collection of Interior Design, China Building Industry Press, January 1991

[2] Fang Huicong, Environmental Psychology: Psychology, Behavior and Environment, Shanghai Educational Publishing House, October 2019

[3] [Hu Zhengfan](http://search.dangdang.com/?key2=%BA%FA%D5%FD%B7%B2&medium=01&category_path=01.00.00.00.00.00), [Lin Yulian](http://search.dangdang.com/?key2=%C1%D6%D3%F1%C1%AB&medium=01&category_path=01.00.00.00.00.00), Environmental Psychology---Study of Environment-behavior and its Design Applications, China Building Industry Press, August 2018

[4] [Donald](http://search.dangdang.com/?key2=%CC%C6%C4ɵ%C2&medium=01&category_path=01.00.00.00.00.00)·A·[Norman](http://search.dangdang.com/?key2=ŵ%C2%FC&medium=01&category_path=01.00.00.00.00.00), Design Psychology, CITIC Publishing House, June 2016

**1760088 课题设计3**

**课程编码：**1760088

**课程名称：**课题设计3

**英文名称：**Theme Design 3

**课程类型：**专业选修课

**学分：** 3.0 **总学时：** 48

**面向对象：**环境设计专业本科生

**先修课程：**专题设计2, 专题设计3, 照明设计

**考核形式：**平时成绩+考试

**课程简介：**

课题设计3为学科基础必修课，是艺术设计学院为环境设计专业开设的一门以学习如何建筑艺术设计方法进行环境设计，同时学习相关基础技术课程的课程。本课程的任务是通过对场地的分析，同时依据其城市功能的定位要求，达到建筑空间的艺术化使用，涉及建造所用的构造技术及材料等，掌握从体量出发的外观，平面，立面及其内部空间的方案设计能力。主要教学内容重点：培养学生建筑与环境艺术的相关设计理论的理解与应用，强化学生建筑艺术设计表达相关技能与方法。教学内容的难点：提高学生的城市、艺术与建筑跨学科系统设计素养，使学生能理解国际建筑艺术设计领域的研究方法、表达方式、设计思维发展动态。

**推荐教材或主要参考书：**

[1] (英)柯林斯,英若聪, **现代建筑设计思想的演变，中国建筑工业出版社，**2016-08-01

[2] 雷姆库哈斯，疯狂的纽约，生活.读书.新知三联书店，2015-09

[3] 董豫赣，现当代建筑十五讲 , 北京大学出版社，2013-12-30

[4] 肯尼斯·弗兰姆普敦，建构文化研究——论19世纪和20世纪建筑中的建造诗学，中国建筑工业出版社，2007-7-1

[5] 梁思成，中国建筑艺术二十讲，线装书局，2006-1

**1760088 Theme Design 3**

**Course Number:** 1760088

**Course Title:** Theme Design 3

**English Name:**Theme Design 3

**Course Type: Major elective courses**

**Credit:** 3.0 **Total Credit** **Hours**: 48

**Students:** Undergraduate students majoring in environmental design

**Prerequisites:** Theme Design 2,Theme Design 3, Illumination Design

**Evaluation Method:** course participation + written exams

**Course Description:**

Theme Design 3 is a **discipline basic compulsory course** and a course for environmental design majors in the College of Art and Design to learn how to carry out environmental design in architectural art and design methods, and learn related basic technical courses. The main target of this course is to achieve the artistic use of architectural space through the analysis of the site and according to the positioning requirements of its urban function, involving the construction technology and materials used in construction, and master the scheme design ability of appearance, plane, facade and internal space starting from the volume. Mainly cultivate students' understanding and application of architectural and environmental art design theory, and strengthens students' skills and methods of architectural art design expression. The difficulties of teaching content: Improve students' quality of interdisciplinary system design of city, art and architecture, and enable students to understand the research methods, expression methods and development trends of design thinking in the field of international architectural art and design.

**Recommended Textbooks/References:**

[1] (UK) Collins (Author), Ying Ruocong (Translator), Evolution of Modern Architectural **Design Ideas,** China Building Industry Press, August 1, 2016

[2] Rem Koolhaas, Delirious New York, Life•Reading•New Knowledge Sanlian Bookstore, September 2015

[3] Dong Yugan, 15 Lectures on Modern and Contemporary Architecture, Peking University Press, December 30, 2013

[4] Kenneth Frampton, Studies in Tectonic Culture---The Poetics of Construction in Nineteenth and Twentieth Century Architecture, China Building Industry Press, July 1, 2007

[5] Liang Sicheng, 12 Lectures on Chinese Architectural Art, Thread-Binding Books Publishing House, January 2006

**1760091 陈设设计**

**课程编码：**1760091

**课程名称：**陈设设计

**英文名称：**Design of Furnishings

**课程类型：**专业选修课

**学分：** 2.0 **总学时：** 32

**面向对象：**环境设计专业本科三年级学生

**先修课程：**环境设计理论1，设计表达1-2，照明设计， 专题设计2

**考核形式：**考查

**课程简介：**

陈设设计是是艺术设计学院为环境设计专业本科生开设的专业选修课程类型。本课程是配合专题设计2室内设计专题的深入学习。陈设艺术设计不仅仅只是一种简单的室内陈设艺术品的摆设技术，而是融关系学、色彩学、人文学、心理学等学科为一体的，塑造空间风格的艺术。室内陈设设计可以影响并引导人的行为，调整人的心情，提升人的情绪等作用，使空间环境从物质上升到精神层面，提升空间品位与格调。本课程从空间色彩、室内家具、室内植物、室内水景等方面，结合设计案例详细阐述室内陈设的搭配原则及规律，并通过调研、自主学习、分析研讨、设计等多种手段进行陈设设计的训练，最终的通过设计方案及分析报告完成陈设设计成果。

**推荐教材或主要参考书：**

1. 中国陈设艺术专业委员会，《室内陈设》，辽宁科学技术出版社，2009年3月

[2] 高祥生，《室内陈设设计》，江苏科学技术出版社，2004年2月

**1760091 Layout Design**

**Course Number:** 1760091

**Course Title:** Layout Design

**English Name:** Layout Design

**Course Type:** Major elective courses

**Credit:** 2.0 **Total Credit** **Hours**: 32

**Students:** Undergraduate students (junior) majoring in environmental design

**Prerequisites:** Theories on Environmental Design 2,Design Expression 1- 2, Illumination Design,Theme Design 2

**Evaluation Method:** Evaluation

**Course Description:**

Layout Design is **a specialized elective course offered by the College of Art and Design for undergraduate students** majoring in **environmental design**. This course is an in-depth study in conjunction with Theme Design 2 Interior Design. Furnishing Art Design is not only a simple furnishing technology of indoor furnishing artworks, but an art integrating the disciplines of relationship, color, humanities, psychology and so on to shape the space style. Indoor furnishing design can influence and guide people's behavior, adjust people's mood, improve people's mood and rise the space environment from the material level to the spiritual level, and improve the space grade and style. This course elaborates the matching principles and laws of indoor furnishings from the aspects of space color, indoor furniture, indoor plants and indoor waterscape, combines with design cases, to carry out furnishing design training through investigation, independent learning, analysis and discussion and design, and finally completes furnishing design results through design scheme and analysis report.

**Recommended Textbooks/References:**

1. The Art Display & Decoration Committee of China, Indoor Furnishings, Liaoning Science and Technology Press, March 2009

[2] Gao Xiangsheng, Indoor Furnishings Design, Jiangsu Science and Technology Press, February 2004

**1711492 商业空间设计**

**课程编码：**1711492

**课程名称：**商业空间设计

**英文名称：**Commercial Space Design

**课程类型：**专业选修课

**学分：** 2 **总学时：** 32

**面向对象：**艺术设计类本科生

**先修课程：**专题设计、课题设计

**考核形式：**平时成绩+考试

**课程简介：**

“商业空间设计”是艺术设计学院为环境设计专业本科生开设的专业选修课程类型。本课程以主题商业空间为题，以实际项目资料做支撑，结合工程实践和内容可塑性进行综合设计。根据环境设计专业室内设计方向的多样性特点，制定项目课题需要具备一定深度与复杂度的课题项目。近年来，主题娱乐与商业项目蓬勃发展，有超越传统商业项目的趋势，购物中心、娱乐中心纷纷以主题形象出现，吸引了大批受众，吸引了设计领域关注。艺术设计院校培养的人才在主题设计领域有非常大的基础优势，受过严格艺术教育的本科生普遍能够准确的找到主题项目特征和文化源。建筑装饰行业发展时间长、从业人员多，但具有艺术设计能力的高端设计人才较少，而与建筑专业对比，艺术院校环境设计专业学生培养尤以艺术创造力和相对较高的美学基础见长。因此，主题类项目是艺术类设计专业的优势方向，本课程重点研究此类典型课题，从设计定位、概念设计到深化制图完成达到锻炼专业技能、提高艺术素养的目的。

**推荐教材或主要参考书：**

[01]：《室内设计资料集》 张绮曼 郑曙阳主编，中国建筑工业出版社，1991-1

[02]：《室内设计思维与方法》 郑曙阳著，中国建筑工业出版社，2005-9

[03]：《室内设计方法》郝大鹏编著，西南师范大学出版社，2005-9

[04]：《品牌与VI设计》 徐阳 刘瑛 著，上海人民美术出版社，2005-9

[05]：《建筑设计资料集》建筑设计资料集编委会，北京：中国建筑工业出版社，2005-8

**1711492 Business Space Design**

**Course Number:** 1711492

**Course Title:** Business Space Design

**English Name:** Business Space Design

**Course Type:** Major elective courses

**Credit:** 2 **Total Credit** **Hours**: 32

**Students:** Undergraduate students majoring in art design

**Prerequisites:** **Theme Design, Project Design**

**Evaluation Method:** course participation + written exams

**Course Description:**

Business Space Design is a **specialized elective course offered by the College of Art and Design** for undergraduate students **majoring in environmental design**. With theme business space as the topic and actual project data as the support, this course combines engineering practice and content plasticity to carry out comprehensive design. According to the diversity of interior design directions of environmental design specialty, formulate the project topics with certain depth and complexity. In recent years, with the prosperous development themed entertainment and commercial projects, there is a trend to surpass traditional commercial projects. Shopping centers and entertainment centers have emerged as themed images, attracting a large number of audiences and attention in the design field. The talents cultivated by art and design colleges have great basic advantages in the field of theme design. Undergraduate students with strict art education can generally accurately find the characteristics of theme projects and cultural sources. The architectural decoration industry has developed for a long time and has many practitioners, but there are few high-end design talents with artistic design ability. Compared with the architecture specialty, the cultivation of students majoring in environmental design in art colleges is especially good at artistic creativity and relatively high aesthetic foundation. Therefore, theme projects are the dominant direction of art design specialty. This course focuses on such typical topics, practices professional skills and improves artistic literacy from design positioning, conceptual design to deepening the completion of drawing.

**Recommended Textbooks/References:**

[01] Zhang Qiman and Zheng Shuyang (Editor-in-chief), Graphic Collection of Interior Design, China Building Industry Press, January 1991

[02] Zheng Shuyang, Interior Design Thinking and Methods, China Building Industry Press, September 2005

[03] Hao Dapeng, Interior Design Methods, Southwest Normal University Press, September 2005

[04] Xu Yang, Liu Ying, Brand and VI Design, Shanghai People's Fine Arts Publishing House, September 2005

[05] Editorial Board of Sourcebook of Contemporary Architecture, Sourcebook of Contemporary Architecture, China Building Industry Press, August 2005

**1760092 展陈设计**

**课程编码：**1760092

**课程名称：**展陈设计

**英文名称：**Display Design

**课程类型：**专业选修课

**学分：** 2.0 **总学时：** 32

**面向对象：**环境设计专业本科生

**先修课程：**

**考核形式：**平时成绩+考试

**课程简介：**

本课程是艺术设计学院为环境设计专业本科生开设的专业选修课程类型。本课程主要是让学生学习展陈空间设计的设计流程与设计方法，是环艺专业学生的重要设计课程，使学生了解展陈空间，重点培养学生的全面方案设计能力，提高逻辑分析能力与主题归纳能力，对外部空间自然因素、光照、空间尺度、功能、种植设计手法的熟悉与掌握，是环境设计专业方向的重要设计课程。可以拓展学生的视野，使学生掌握展陈空间商业性、文化性主题空间设计的方案设计方法，认识展陈设计的设计流程，提升学生的方案设计的深度。

**推荐教材或主要参考书：**

[1] [尼尔·伦纳德 (Neil Leonard)](http://www.amazon.cn/s/ref%3Ddp_byline_sr_book_1?ie=UTF8&field-author=%E5%B0%BC%E5%B0%94%C2%B7%E4%BC%A6%E7%BA%B3%E5%BE%B7+%28Neil+Leonard%29&search-alias=books).设计师生存手册：设计调研.北京：中国青年出版社.2014

[2] 黄建成.《空间展示设计》北京大学出版社，2007年10月

[3] 张琪,《[视觉形态学与艺术设计](http://product.dangdang.com/22495245.html)》中国轻工业出版社，2011年6月

**1760092 Layout Design**

**Course Number:** 1760092

**Course Title:** Layout Design

**English Name:** Layout **Design**

**Course Type:** Major elective courses

**Credit:** 2.0 **Total Credit** Hours: 32

**Students:** Undergraduate students majoring in environmental design

**Prerequisites:**

**Evaluation Method:** course participation + written exams

**Course Description:**

Layout Design is a **specialized elective course** offered by the College of Art and Design for undergraduate students majoring in environmental **design.** This course enables students to learn the design process and design method of exhibition space design. It is an important design course for students majoring in environmental art. It enables students to understand exhibition space, cultivate comprehensive scheme design ability, improves their logical analysis ability and theme induction ability, and master the natural factors, lighting, spatial scale, function and planting design techniques. It's an important design course for the professional direction of environmental design. Broaden students' vision, enable students to master the design method of exhibition space commercial and cultural theme space design, understand the design process of exhibition design, and improve the depth of students' scheme design.

**Recommended Textbooks/References:**

[1] [Neil Leonard](http://www.amazon.cn/s/ref%3Ddp_byline_sr_book_1?ie=UTF8&field-author=尼尔·伦纳德+(Neil+Leonard)&search-alias=books), Designer Survival Manual: Design Research, Beijing: China Youth Publishing House, 2014

[2] Huang Jiancheng, Space Display Design, Peking University Press, October 2007

[3] Zhang Qi, [Visual Morphology and Art Design,](http://product.dangdang.com/22495245.html) China Light Industry Press, June 2011

**1760093 公共艺术设计**

**课程编码：**1760093

**课程名称：**公共艺术设计

**英文名称：**Public Art and Design

**课程类型：**专业选修课

**学分：** 2 **总学时：** 32

**面向对象：**环境设计专业类本科生

**先修课程：**形式语言1, 形式语言1

**考核形式：**平时成绩+考试

**课程简介：**

公共艺术设计是艺术设计学院为环境设计专业本科生开设的专业选修课程类型。本课程的任务是通过对公共艺术设计过程所涉及的形式美的法则、造型的基本要素和公共艺术创作的材料与工艺的的介绍，使学生更透彻的公共艺术设计的基本原理和创作元素。教学内容重点：公共艺术的造型要素、形式美的规律与设计方法。教学内容的难点：公共艺术的特质以及设计材料与工艺。本课程主要是对各种公共艺术设计的理论知识、实践知识进行研究和学习，涵盖公共艺术设计的本体形态、艺术形式、创作形式、创作观念、方法、技巧及审美意识等综合内容。

**推荐教材或主要参考书：**

[1] 邹文.《公共艺术概论》.清华大学出版社.2019年

[2] 郭媛媛 郭婷婷.《公共艺术设计》.北京大学出版社.2017年

[3] 张燕根，丁硕赜，张泽佳.《公共艺术设计》. 人民邮电出版社.2015年

[4] （匈）阿诺德·豪泽尔.《艺术社会学》.学林出版社.1987年8月

**1760093 Public Art Design**

**Course Number:** 1760093

**Course Title:**Public Art Design

**English Name: Public Art Design**

**Course Type:** Major elective courses

**Credit:** 2 **Total Credit** **Hours**: 32

**Students:** Undergraduate students majoring in environmental design

**Prerequisites:** Form Language 1, Form Language 1

**Evaluation Method:** course participation + written exams

**Course Description:**

**Public Art Design is a specialized elective course offered by the College of Art and Design** for **undergraduate students majoring in environmental design**. **The main target of this course is to make students more thoroughly understand the basic principles and creative elements of public art design through the introduction of the rules of formal beauty, the basic elements of modeling and the materials and processes of public art creation involved in the process of public art design. Course focus: Modeling elements, rules and design methods of formal beauty of public art. The difficulties of teaching contents:Characteristics of public art and design materials and crafts. This course mainly studies the theoretical and practical knowledge of various public art design, covering the noumenon form, art form, creative form, creative concept, method, skill and aesthetic consciousness of public art design.**

**Recommended Textbooks/References:**

**[1] Zou Wen, Introduction to Public Art, Tsinghua University Press, 2019**

**[2] Guo Yuanyuan, Guo Tingting, Public Art Design, Peking University Press, 2017**

**[3] Zhang Yangen, Ding Shuoze, Zhang Zejia, Public Art Design, Posts and Telecom Press, 2015**

**[4] (Hungary) Arnold Hauser, Sociology of Art, Academia Press, August 1987**

**0002473 公共设施设计**

**课程编码：**0002473

**课程名称：**公共设施设计

**英文名称：**Communal Facilities Design

**课程类型：**专业选修课

**学分：** 2 **总学时：** 32

**面向对象：**艺术设计类本科生

**先修课程：**人体工程学、设计表达1、设计表达2

**考核形式：**平时成绩+考试

**课程简介：**

公共设施设计是艺术设计学院为环境设计专业本科生开设的专业选修课程类型。本课程的任务是从从城市公共设施创意设计的理论基础出发，结合艺术生特点，着重对公共设施的理论分类以及创意设计方法进行讲授，并结合实际建设项目案例进行创意方案设计训练，在体现艺术创意价值的同时突出强调其内在的区域文化特色价值体现。教学内容重点：使学生掌握如何公共设施设计的创意要领。教学内容的难点：使学生掌握如何将文化元素、艺术形态和材料工艺在创意设计中相结合。

**推荐教材或主要参考书：**

[1] 陈 勇.城市环境中的“ 街具” 设计[ J] .重庆建筑大学学报, 1997；

[2] 俞 英.设施空间畅想[ M] .北京:中国建筑工业出版社,1988 .

[3] 安秀著.公共设施与环境艺术设计[M].北京：中国建筑工业出版社，2006.

[4] 王 呁.王菁菁.城市环境设施设计[M]. 上海：上海人民美术出版社，2006.

**0002473 Public Facilities Design**

**Course Number:** 0002473

**Course Title:** Public Facilities Design

**English Name:** Public Facilities Design

**Course Type:** Major elective courses

**Credit:** 2 **Total Credit** **Hours**: 32

**Students:** Undergraduate students majoring in art design

**Prerequisites: Human System Engineering, Design Expression 1, Design Expression 2**

**Evaluation Method:** course participation + written exams

**Course Description:**

Public Facilities Design is a specialized elective course offered by the College of Art and Design for undergraduate students majoring in environmental design. The main target of this course is focus on the theoretical classification and creative design methods of public facilities from the theoretical basis of creative design of urban public facilities and in combination with characteristics of art students, and carry out creative scheme design training in combination with actual construction project cases, so as to highlight the value of its internal regional cultural characteristics while reflecting the value of artistic creativity. Course focus: Enable students to master the creative essentials of public facilities design. The difficulties of teaching content: Enable students to integrate cultural elements, art form, material crafts in the creative design.

**Recommended Textbooks/References:**

[1] Chen Yong, Design of the Facilities in Urban Environment [J], Journal of Chongqing Jianzhu University, 1997

[2] Yu Ying, Imagination of Facility Space [M], Beijing: China Building Industry Press, 1988

[3] An Xiu, Public Facilities and Environmental Art Design [M], Beijing: China Building Industry Press, 2006.

[4] Wang Jun, Wang Qingqing, A Guide for Design of Urban Furniture [M], Shanghai: Shanghai People's Fine Arts Publishing House, 2006

**1760094 设计规范**

**课程编码：**1760094

**课程名称：**设计规范

**英文名称：**Design Standard

**课程类型：**专业选修课

**学分：** 2 **总学时：** 32

**面向对象：**环境设计专业本科生

**先修课程：**环境设计理论、设计表达、材料与做法、照明设计

**考核形式：**平时成绩+考试

**课程简介：**

设计规范是是艺术设计学院为环境设计专业本科生开设的专业选修课程类型。本课程的任务是结合系统的理论讲授和课堂测试来展开教学的，引导学生在理论上认识设计规范的基础知识，掌握和理解现行设计规范的相关条文，培养其运用设计规范指导设计的基本能力。通过对设计规范的学习，要求学生掌握基本的专业标准和规范，增强法律意识，并能在项目执行中遵循相关的专业标准和规范。

教学内容重点：民用建筑设计通则，房屋建筑制图标准，建筑设计防火规范，建筑内部装修设计防火规范，城市道路和建筑物无障碍设计规范。

教学内容的难点：建筑无障碍设施和场地设计，民用建筑的防火间距和安全疏散，建筑装饰装修工程质量验收规范，建筑物无障碍设计。

**推荐教材或主要参考书：**

[1] 建筑设计防火规范GB50016-2014（2018年版）. 中国计划出版社，2018.6

[2] 建筑内部装修设计防火规范GB50222-2017（2018年版）. 中国计划出版社，2018.01

[3] 民用建筑设计通则GB50352-2019. 中国建筑工业出版社，2019.05

[4] 建筑装饰装修工程质量验收标准GB50210-2018. 中国建筑工业出版社，2018.07

[5] 城市道路和建筑物无障碍设计规范JGJ50-2001. 中国建筑工业出版社，2002.07

**1760094 Design Norms**

**Course Number:** 1760094

**Course Title:** Design Norms

**English Name:** Design Norms

**Course Type:** Major elective courses

**Credit:** 2 **Total Credit** **Hours**: 32

**Students:** Undergraduate students majoring in environmental design

**Prerequisites:Theories on Environmental Design, Design Deliverance,Materials and Practices. Illumination Design**

**Evaluation Method:** course participation + written exams

**Course Description:**

Design Norms is a **specialized elective course offered by the College of Art and Design** for undergraduate students **majoring in environmental design**. The main target of this course is to carry out teaching in combination with systematic theoretical teaching and classroom testing, guide students to understand the basic knowledge of design specifications in theory, master and understand the relevant provisions of current design specifications, and cultivate their basic ability to use design specifications to guide design. Through the study of design norms, students can master basic professional standards and norms, enhance legal awareness, and follow relevant professional standards and norms in project implementation.

Course focus: Code for Design of Civil Buildings, Unified Standard for Building Drawing, Code for Fire Protection Design of Buildings, Code for Fire Prevention in Design of Interior Decoration of Buildings, Code for Design on Accessibility of Urban Roads and Buildings.

The difficulties of teaching content: Building barrier-free facilities and site design, fire spacing and safe evacuation of civil buildings, Code for Construction Quality Acceptance of Building Decoration, Building Barrier-free Design.

**Recommended Textbooks/References:**

**[1] Code of Design on Building Fire Protection and Prevention (GB50016-2014) (Edition 2018), China Planning Press, June 2018**

**[2]** Code for Fire Prevention in Design of Interior Decoration of Building **GB50222-2017 (Edition 2018),** China Planning Press, January 2018

**[3]** Code for Design of Civil Buildings (GB50352-2019), **China Building Industry Press, May 2019**

**[4]** Standard for Construction Quality Acceptance of Building Decoration (GB50210-2018), **China Building Industry Press, July 2018**

**[5]** Codes for Design on Accessibility of Urban Roads and Buildings (JGJ50-2001), **China Building Industry Press, July 2002**

**1760095 生态景观与设计**

**课程编码：**1760095

**课程名称：**生态景观与设计

**英文名称：**Ecological landscape design

**课程类型：**专业选修课

**学分：** 2.0 **总学时：** 32

**面向对象：**环境设计专业本科生

**先修课程：**课程1, 课程2, 课程3

**考核形式：**平时成绩+考试

**课程简介：**

生态景观与设计是艺术设计学院为环境设计专业本科生开设的专业选修课程。本课程的任务是通过对生态景观内容的初步介绍、学习，引导学生进行简单的生态景观设计，并动手制作小生态环境实践，让学生了解身边众多自然元素的特点、运行原理，自然运行中相互关联的系统性，掌握在设计中对生态内容设计的景观化、艺术化设计手段，并通过设计生态景观试验，观察真实的生态现象，积累数据，验证设计运行的效果，提高对数据呈现设计的理解和表达设计水平，提高对可持续发展的认识水平，对节能环保原理及实践的深入理解，提高自主学习，自主实践的能力。

教学内容重点：对生态景观中水、土壤、植物等元素特征、特性的理解与他们在自然界中起到的重要作用，以及在环境设计中的合理应用。

教学内容的难点：引导学生自主实践，设计对生态可循环可持续关系的演示小试验，提高学生自主学习的能力与对生态景观设计意义与责任的深刻体会，。

**推荐教材或主要参考书：**

1. 杨持. 生态学. 高等教育出版社，2019年6月
2. 曾辉、陈利顶、丁圣彦. 景观生态学. 高等教育出版社，2017年4月出版
3. 麦克哈格著. 设计结合自然. 天津大学出版社，2008年1月出版
4. 约翰O西蒙兹（美）著，俞孔坚、王志芳、孙鹏译. 景观设计学——场地规划与设计手册. 中国建筑工业出版社，2000年8月出版
5. 沈实现著. 新自然观下的地域景观规划与设计. 化学工业出版社，2015年9月出版
6. John.L.MMotloch著. 景观设计理论与技法. 大连理工大学出版社，2007年1月出版
7. 小曼努埃尔莫里斯著孙振钧译. 认识生态. 科学技术文献出版社，2019年8月出版
8. Carolyn Nuttall、 Janet Millington（澳）户外教室学校花园手册. 中国工信出版集团，电子工业出版社，2017年8月出版
9. 奇普 沙利文著. 庭园与气候. 中国建筑工业出版社，2005年11月出版

**1760095 Ecological Landscape and Design**

**Course Number:** 1760095

**Course Title:** Ecological Landscape and Design

**English Name:** Ecological Landscape and Design

**Course Type:** Major elective courses

**Credit:** 2.0 **Total Credit** **Hours**: 32

**Students:** Undergraduate students majoring in environmental design

**Prerequisites:** Course 1, Course 2, Course 3

**Evaluation Method:** course participation + written exams

**Course Description:**

Ecological Landscape and Design is a specialized elective course offered by the College of Art and Design for undergraduate students majoring in environmental design. The main target of this course is to guide students to conduct simple ecological landscape design, and make small ecological environment practice through preliminary introduction and study of ecological landscape, enable students to understand the characteristics and operation principles of many natural elements around them, and the interrelated systematicness in natural operation, master the landscape and artistic design means of ecological design, and observe the real ecological phenomena, accumulate data and verify the effect of design and operation through the design of ecological landscape experiment, improve the understanding and expression level of data presentation design, improve the understanding level of sustainable development, deeply understand the principle and practice of energy conservation and environmental protection, and improve the ability of independent learning and independent practice.

Course focus: Understand the characteristics of water, soil, plants and other elements in ecological landscape, their important role in nature, and their reasonable application in environmental design.

The difficulties of teaching content: Guide students to practice independently, design small demonstration experiments of ecological recyclable and sustainable relationship, and improve students' ability of autonomous learning and deep understanding of the significance and responsibility of ecological landscape design,.

**Recommended Textbooks/References:**

1. **Yang Chi, Ecology, Higher Education Press, June 2019**
2. **Zeng Hui, Chen Liding, Ding Shengyan, Landscape Ecology, Higher Education Press, April 2017**
3. **Mcharg, Design with Nature, Tianjin University Press, January 2008**
4. **(USA) John O. Symonds (Author), Yu Kongjian, Wang Zhifang and Sun Peng (Translator), Landscape Design---Site Planning and Design Manual, China Building Industry Press, August 2000**
5. **Shen Shixian, Regional Landscape Planning and Design under the New Concept of Nature, Chemical Industry Press, September 2015**
6. **John.L.MMotloch, Landscape Design Theory and Techniques, Dalian University of Technology, January 2007**
7. **Manuel C. Molles Jr. (Author), Sun Zhenjun (Translator), Ecology Concepts and Applications, Science and Technology Literature Press, August 2019**
8. **(Australia) Carolyn Nuttall, Janet Millington, Outdoor Classroom-School Garden Handbook, China Industry and Information Publishing Group, Electronic Industry Press, August 2017**
9. **Chip Sullivan, Courtyard and Climate, China Building Industry Press, November 2005**

**1710556新生研讨课**

**课程编码：**1710556

**课程名称：**新生研讨课

**英文名称：**Freshman Seminar Course

**课程类型：**自主课程

**学分：** 1.0 **总学时：** 16

**面向对象：**各专业本科生

**先修课程：**造型基础、中国工艺美术史

**考核形式：**作业成绩+课堂表现

**课程简介：**

《新生研讨课》课程属于自主课程，在第二学期进行。该课程通过讲座、参观等形式，全面介绍所学专业、设计行业的历史、现状和未来的前景。培养学生专业素质，以 “学业设计”“职业规划”为主题，进行调研讨论，明确学习目的，进一步挖掘学生的学习规划能力，为今后专业学习提供奋斗目标。

教学中不断强调理解和认知，强调过程的重要性，使学生从考生向艺术设计类学生进行转换。同时引导当代大学生树立良好的世界观、人生观价值观，价值观，道德观，法制观，加强自身的道德修养。

**推荐教材或主要参考书：**

[1] 中央美术学院人文学院美术史系外国史教研室.《中国美术简史》《外国美术简史》.中国青年出版社，2014年9月

[2] 沈爱凤.《中外设计史》.中国纺织出版社，2014年12月

[3] 王受之.《世界现代设计史》.中国青年出版社，2015年12月

[4] [陆江艳](https://www.amazon.cn/s/ref%3Ddp_byline_sr_ebooks_1?ie=UTF8&field-author=%E9%99%86%E6%B1%9F%E8%89%B3&text=%E9%99%86%E6%B1%9F%E8%89%B3&sort=relevancerank&search-alias=digital-text).《设计的边界》.东南大学出版社， 2016年1月

[5] [丘木生](https://www.amazon.cn/s/ref%3Ddp_byline_sr_ebooks_1?ie=UTF8&field-author=%E4%B8%98%E6%9C%A8%E7%94%9F&text=%E4%B8%98%E6%9C%A8%E7%94%9F&sort=relevancerank&search-alias=digital-text).《大学生职业生涯规划与管理》.暨南大学出版社， 2015年10月

**1710556 Freshman Seminar Course**

**Course Number:** 1710556

**Course Title:** Freshman Seminar Course

**English Name:** Freshman Seminar Course

**Course Type:** Independent Courses

**Credit:** 1.0 **Total Credit** **Hours**: 16

**Students:** Undergraduate students of all majors

**Prerequisites:** Modeling Foundation and History of Chinese Arts and Crafts

**Evaluation Method:** Assignment performance + course participation

**Course Description:**

Freshman Seminar Course belongs to an independent course and is held in the second semester. This course introduces the history, current situation and future prospect of the major and design industry through lectures and visits. Cultivate students' professional quality, conduct research and discussion with the theme of "academic design" and "career planning", clarify the learning purpose, further explore students' learning planning ability, and provide goals for professional learning in the future.

Constantly emphasize understanding and cognition in the teaching and emphasize the importance of process, so that students can change from examinees to art and design students. Meanwhile, guide contemporary college students to establish a good world outlook, outlook on life values, values, morality, legal concept and strengthen their own moral accomplishment.

**Recommended Textbooks/References:**

[1] Department of Art History, School of Humanities, Central Academy of Fine Arts, A Brief History of Chinese Art, A Brief History of Foreign Art, China Youth Publishing House, September 2014

[2] Shen Aifeng, Chinese and Foreign History of Design, China Textile Press, December 2014

[3] Wang Shouzhi, A History of Modern Design, China Youth Publishing House, December 2015

[4] [Lu Jiangyan](https://www.amazon.cn/s/ref%3Ddp_byline_sr_ebooks_1?ie=UTF8&field-author=陆江艳&text=陆江艳&sort=relevancerank&search-alias=digital-text), Design Boundary, Southeast University Press, January 2016

[5] [Qiu Musheng](https://www.amazon.cn/s/ref%3Ddp_byline_sr_ebooks_1?ie=UTF8&field-author=丘木生&text=丘木生&sort=relevancerank&search-alias=digital-text), Career Planning and Management of College Students, Ji'nan University Press, October 2015

**1760064 专业写作**

**课程编码：**1760064

**课程名称：**专业写作

**英文名称：**Academic Writing

**课程类型：**自主课程

**学分：** 1 **总学时：** 16

**面向对象：**设计专业本科生、美术专业本科生

**先修课程：**

**考核形式：**平时成绩+考查

**课程简介：**

专业写作课是艺术设计学院为设计专业本科生及美术专业本科生开设的自主课程类型。本课程的任务是通过对广告文案、调查报告、实习报告、展览说明、设计说明等艺术设计类应用文体的教学，培养学生的专业写作水平及实际应用能力。在教学中理论联系实践，推动学生的理论思考，帮助他们从设计实践中沉淀、总结相应的理论。强调写作知识和专业知识有机结合，写作思维和设计思维紧密结合，培养学生的理论学习能力，训练学生的艺术设计鉴赏、评价能力。教学内容重点：规范学生的专业写作意识，训练学生的写作技法。教学内容的难点：推动学生将专业实践与理论相结合。提升学生从理论层面思考及阐释自己艺术设计创作的能力。增强学生从理论出发的艺术设计学科研究能力，

**推荐教材或主要参考书：**

[1] 胡晓芸，广告文案写作，高等教育出版社，2003年10月

[2] 焦成根，设计艺术鉴赏，湖南大学出版社，2017年11月

[3] 苏珊娜·赫德森，南希·努南-莫里西，如何撰写艺术类文章，[上海人民美术出版社](http://search.dangdang.com/?key3=%C7%E5%BB%AA%B4%F3%D1%A7%B3%F6%B0%E6%C9%E7&medium=01&category_path=01.00.00.00.00.00)，2004年07月

[4] 熊微，李稳，杨婷，艺术设计专业写作教程，[上海人民美术出版社](http://search.dangdang.com/?key3=%C7%E5%BB%AA%B4%F3%D1%A7%B3%F6%B0%E6%C9%E7&medium=01&category_path=01.00.00.00.00.00)，2009年02月

**1760064 Academic Writing**

**Course Number:** 1760064

**Course Title:** Academic Writing

**English Name:** Academic Writing

**Course Type:** Independent Courses

**Credit:** 1 **Total Credit** **Hours**: 16

**Students:** Undergraduate students majoring in design and fine arts

**Prerequisites:**

**Evaluation Method:** course participation + evaluation

**Course Description:**

Academic Paper Writing is an independent course offered by the College of Art and Design for undergraduate students. The main target of this course is to cultivate students' professional writing level and practical application ability through the teaching of applied styles of art and design such as advertising copy, investigation report, practice report, exhibition description and design description. Combine theory with practice in teaching, promote students' theoretical thinking, and help them precipitate and summarize corresponding theories from design practice. Emphasize the organic combination of writing knowledge and professional knowledge, and the close combination of writing thinking and design thinking, so as to cultivate students' theoretical learning ability and train students' art design appreciation and evaluation ability. Course focus: Regulate students' professional writing consciousness and train students' writing skills. The difficulties of teaching content: Enable students to combine professional practice with theory. Improve students' ability to think and explain their artistic design creation from the theoretical level. Enhance students' research ability of art and design subject based on theory,

**Recommended Textbooks/References:**

[1] Hu Xiaoyun, Advertisement Copy Writing, Higher Education Press, October 2003

[2] Jiao Chenggen, Design Art Appreciation, Hunan University Press, November 2017

[3] Suzanne Hudson, Nancy Noonan Morrissey, How to Write Art Articles, [Shanghai People's Fine Arts Publishing House](http://search.dangdang.com/?key3=%C7廪%B4%F3ѧ%B3%F6%B0%E6%C9%E7&medium=01&category_path=01.00.00.00.00.00), July 2004

[4] Xiong Wei, Li Wen, Yang Ting, Art Design Writing Course, [Shanghai People's Fine Arts Publishing House](http://search.dangdang.com/?key3=%C7廪%B4%F3ѧ%B3%F6%B0%E6%C9%E7&medium=01&category_path=01.00.00.00.00.00), February 2009

**1760065 专业论文写作课**

**课程编码：**1760065

**课程名称：**专业论文写作课

**英文名称：**Professional Paper Writing

**课程类型：**自主课程

**学分：** 1 **总学时：** 16

**面向对象：**设计专业本科生、美术专业本科生

**先修课程：**

**考核形式：**平时成绩+考查

**课程简介：**

专业论文写作课是艺术设计学院为本院本科生开设的自主课程类型。本课程的任务是通过介绍文献检索、文献综述等操作方法和规范，培养学生探索学术前沿，掌握学科动态的能力。在教师的指导下，学生从专业学习和实践中寻找问题，追踪行业热点，建立起一定的专业敏感度。本课程还将介绍学术论文的写作格式、规范与写作技法，培养学生的学术论文写作能力。在教学中理论联系实践，强调写作知识和专业知识有机结合，写作思维和设计思维紧密结合，培养学生的理论学习能力，训练学生的艺术设计理论研究能力。教学内容重点：以文献检索、文献综述为手段，探索学术前沿，掌握学科动态。教学内容的难点：推动学生将专业实践与理论相结合。训练学生的问题意识，增强学生从问题出发的艺术设计学科研究能力，帮助学生进行学科探索。推动学生建立自主学习的意识，掌握持续学习的方法。

**推荐教材或主要参考书：**

[1] 邓富民，文献检索与论文写作，经济管理出版社，2010年08月

[2]北京服装学院编，高等学校毕业设计论文指导手册·艺术设计卷，中国纺织出版社，2005年01月

[3]夏燕靖，艺术设计专业论文写作与答辩教程，[上海人民美术出版社](http://search.dangdang.com/?key3=%C7%E5%BB%AA%B4%F3%D1%A7%B3%F6%B0%E6%C9%E7&medium=01&category_path=01.00.00.00.00.00)，2009年04月

**1760065 Professional Paper Writing**

**Course Number:** 1760065

**Course Title:** Professional Paper Writing

**English Name:**  Professional Paper Writing

**Course Type:** Independent Courses

**Credit:** 1 **Total Credit** **Hours**: 16

**Students:** Undergraduate students majoring in design and fine arts

**Prerequisites:**

**Evaluation Method:** course participation + evaluation

**Course Description:**

Professional Paper Writing is an independent course offered by the College of Art and Design for undergraduate students. The main target of this course is to cultivate students' ability to explore academic frontiers and master discipline dynamics by introducing operational methods and norms such as literature retrieval and literature review. Under the guidance of teachers, students find problems from professional learning and practice, track industry hot topic, and establish a certain degree of professional sensitivity. This course also introduces the writing format, norms and writing techniques of academic papers, and cultivate students' writing ability of academic papers. Combine theory with practice in teaching, emphasize the organic combination of writing knowledge and professional knowledge, and the close combination of writing thinking and design thinking, so as to cultivate students' theoretical learning ability and train students' art design theory and research ability. Course focus: By means of literature retrieval and literature review, explore the academic frontier and master the discipline dynamics. The difficulties of teaching content: Enable students to combine professional practice with theory. Train students' problem awareness, enhance students' problem-based research ability of art and design discipline, and help students explore disciplines. Enable students to establish the awareness of autonomous learning and master the methods of continuous learning.

**Recommended Textbooks/References:**

[1] Deng Fumin, Literature Retrieval and Paper Writing, Economic Management Publishing House, August 2010

[2] Beijing Institute of Fashion Technology, Guide Manual for Graduation Project Thesis of Colleges and Universities, Art Design Volume, China Textile Press, January 2005

[3] Xia Yanjing, Art Design Paper Writing and Defense Course, [Shanghai People's Fine Arts Publishing House](http://search.dangdang.com/?key3=%C7廪%B4%F3ѧ%B3%F6%B0%E6%C9%E7&medium=01&category_path=01.00.00.00.00.00), April 2009

**1760096 环境交互设计**

**课程编码：1760096**

**课程名称：**设计表达3

**英文名称：**Environment Interaction Design

**课程类型：**自主课程

**学分：** 2.0 **总学时：** 32

**面向对象：**环境设计专业本科生

**先修课程：**设计表达1、设计表达2

**考核形式：**平时成绩+考试

**课程简介：**

本课程是一门自主课程，是讲授环境交互设计的理论、概念、方法、历史和未来发展的课程。环境交互设计是一个关注环境交互行为、用户体验与人机间有效沟通的设计课程，它涉及可用性研究、用户分析、情感研究、界面设计、认知心理、环境设计和人机工程学等诸多领域。

教学内容重点：环境交互设计是以人为中心的设计方法，本课程通过理论结合案例的方式，从用户研究、交互设计方法到界面规范等内容进行了全面的讲授。各阶段的课程结合课题训练，起到了带动学生从理论到交互设计的核心知识应用上的作用，具有通识型交互跨界的课程位置。

教学内容的难点：环境交互设计及交互艺术作品演示和研究论文等，是学生掌握该领域理论和方法的辅助内容。主要内容包括交互设计概述、交互设计原理、用户体验与心流理论、设计调研、用户分析、人物角色与场景剧本等

**推荐教材或主要参考书：**

（1） 《交互界面设计》

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（2）《交互.九院志-国内著名院校交互设计教学理念与课程案例》作者:[中国]王文聪出版社:江苏凤凰美术出版社出版时间:2016年10月

（3） 《交互与服务设计——创新实践二十课》作者:李四达出版社:清华大学出版社出版时间:2017年02月

**1760096 Environment Interactive Design**

**Course Number: 1760096**

**Course Title:** Design Expression 3

**English Name:** Environment Interaction Design

**Course Type:** Independent Courses

**Credit:** 2.0 **Total Credit** **Hours**: 32

**Students:** Undergraduate students majoring in environmental design

**Prerequisites:** Design Expression 1, Design Expression 2

**Evaluation Method:** course participation + written exams

**Course Description:**

This course is an independent course teaching the theory, concept, method, history and future development of environmental interaction design. Environmental interaction design is a design course focusing on environmental interaction behavior, user experience and effective communication between human and computer, involving usability research, user analysis, emotion research, interface design, cognitive psychology, environmental design, ergonomics and many other fields.

Course focus: Environmental interaction design is a human-centered design method. This course comprehensively teaches user research, interaction design methods and interface specifications by combining theories with cases. Combined with subject training, the courses at each stage drive students to apply core knowledge from theory to interaction design, as interdisciplinary courses for general knowledge interaction.

The difficulties of teaching content: Environmental interaction design, demonstration of interactive art works and research papers are the auxiliary contents for students to master the theories and methods in this field. The main contents include overview of interaction design, interaction design principles, user experience and flow theory, design research, user analysis, personas and scene scripts, etc.

**Recommended Textbooks/References:**

(1) Interface Design

[Kang Fan](http://search.dangdang.com/?key2=%BF%B5%B7%AB&medium=01&category_path=01.00.00.00.00.00), [Chen Yingyan](http://search.dangdang.com/?key2=%B3%C2Ө%D1%E0&medium=01&category_path=01.00.00.00.00.00) Publishing House, [Huazhong University of Science and Technology Press](http://search.dangdang.com/?key3=%BB%AA%D6пƼ%BC%B4%F3ѧ%B3%F6%B0%E6%C9%E7&medium=01&category_path=01.00.00.00.00.00), December 2018

(2) [China] Wang Wencong Publishing House, Interaction. Annals of the Nine Academies - Teaching Concepts and Courses of Interactive Design in Famous Domestic Colleges and Universities, Jiangsu Phoenix Fine Arts Publishing House, October 2016

(3) Author: Lisida Press, Interaction and Service Design---12 Lessons on Innovative Practice, Tsinghua University Press, February 2017