

# Department of Industrial Art

## I Educational Goal

Under the premise of "human education through art," it aims to cultivate professional artists with the qualities to express the present era in new perspectives and styles while acquiring Korea's unique history and tradition.

## II Educational Objective

- ① Provide information and insight to students to demonstrate their abilities as much as possible as an artist.
- ② Pursuing intellectual and technical education in a highly professional studio-oriented environment.
- ③ It inspires critical inquiry and experiment.

## III List of Full-time Faculty

Name	Position	Degree(University)	Field of Instruction	Area of Research
Lee, Byung-hoon	Professor	master (Hongik University)	Product Design	Product Design
Park, Dong Kyo	Professor	master (Hannam University)	Lacquer Design	Lacquer Design
Sa, Hee Min	Professor	master (Hannam University)	Visual Design	Visual Design
Park, Sin-Young	Professor	master (Hongik University)	Furniture Design	Furniture Design
Byeon, Sang hyeong	Professor	Ph.D. (Wonkwang University)	Aesthetics	Aesthetics
Ha, Eun Kyung	associate professor	Ph.D. (Hongik University)	Interior design	Interior design

Lee, Jae Hwang	associate professor	master (Kyonggi University)	Ceramic Design	Ceramic Design
Kim, Byoung Jin	associate professor	master (Hannam University)	Visual Design	Visual Design
Yoo, Kyung Ah	Assistant Professor	master (Hongik University)	Textile Design	Textile Design
Bae, Seong hee.	Assistant Professor	master (Hannam University)	practical skills.	practical skills.
Lee, Yoon joo.	Assistant Professor	master (Hongik University)	practical skills.	practical skills.
Hwang, Kyung chan.	Assistant Professor	Ph.D. (Hongik University)	Product Design	Product Design

## IV Course Description

### ○ Department of Industrial Art

#### **IA601 Studies In Crafts**

To understand the nature and characteristics of crafts in depth and to design and produce them with logical basis and insight as craftsmen and designers, they should acquire a wide range of knowledge, focusing on issues related to their majors in aesthetic understanding and interpretation, economic value, and industrial technology. It also understands the role of crafts in modern and future society and the identity of crafts as a living culture that embodies national traditions, and has the ability to establish and reflect on crafts through processes such as criticism of interpretation of crafts. These contents are acquired through linkage with actual work and improve high-quality design and production capabilities.

#### **IA602 Studies In Industrial Design**

Based on the overall understanding of industrial design, it has a wide and high-quality insight into industrial design by forming a clear conceptual theorem and theoretical basis in the actual design and development and work process through in-depth theoretical exploration of specialized fields. To this end, the problems of industrial design are theoretically and empirically organized through research on the concept of industrial design, area of industrial design, industrial design and marketing, product management, and future of management and industrial design.

#### **IA603 Practice in Major Field I**

The purpose, direction, and method of research are clarified through in-depth and various theoretical exploration of the major field. Based on this, rationality and creativity are

established in the design process, and high-quality practical skills are acquired in the actual production process. To this end, understand new trends in the major field, learn design concepts, thinking techniques, analysis, and expression techniques, and learn highly skilled practical skills and practical skills.

#### **IA604 Practice in Major Field II**

Intensive course of major practical test 1.

#### **IA605 Practice in Major Field III**

Intensive course of major practical test 2.

#### **IA606 Studies In Special Project**

The purpose of this study is to deepen the selected research tasks so that special tasks appearing in the specialized field research course of each major can be intensively studied. In this course, in-depth problem-solving skills are acquired through various research courses including special expression techniques, research methods, field training for research projects, field trips, investigations, and practice.

#### **IA607 Special Practice in Major Field I**

The purpose is to deepen the research in the field of major by conducting intensive research by researching and developing specialized areas and tasks related to the specialized field of each major. This is to develop the ability to appropriately respond to the educational environment in the field of industrial art, which is diversified and specialized day by day, and to apply it to the major course to foster high-quality practical skills in the specialized field. To this end, practical resolution skills are improved through modern acceptance of special traditional techniques, specialization, and education in high-tech fields.

#### **IA608 Special Practice in Major Field II**

In-depth course of the 1st special lecture on practical skills.

#### **IA609 Special Practice in Major Field III**

In-depth course of the 2nd special lecture on practical skills.

#### **IA610 Studies in the History of Korean Craft**

It grasps the overall flow of craft history as a study from ancient times to modern times and intensifies focusing on major fields. By reviewing historical interpretation, description, and relationships between crafts, and other cultural phenomena of the time, works are classified by period and domain to acquire professional knowledge of Korean traditional culture as a professional craftsman and designer, and their contents and form are summarized from a certain perspective. Furthermore, by studying the relationship with personal research tasks and having opportunities to appreciate and criticize crafts, not only

research on works with private grounds, but also build essential literacy as crafts and designers.

#### **IA611 Studies in Pattern Design**

As a visual object, we understand the concept, type, and development form of patterns that have clearly reflected aesthetic pursuit. Furthermore, by grasping the overall flow from ancient times to modern times, focusing on Korean patterns, and studying the development method of patterns using them, basic knowledge that can be applied to each major field is cultivated.

#### **IA612 Studies in the product design**

As an in-depth process of product design, it is a subject that studies the theory of new product design development according to advances in science and technology and lifestyle, explores and analyzes factors related to new product design concept setting, develops reasonable design processes, and teaches design methods to meet corporate strategies with objective insights.

#### **IA613 Studies in the Furniture Design**

Based on in-depth theoretical exploration of furniture design as a whole, it fosters practical furniture design and production capabilities. To this end, we study the history, materials, structures, patterns, and finishing materials of furniture and identify new trends in furniture design. In addition, it develops the characteristics of furniture design, marketing analysis management, design concept and structuring method, presentation research, production line, and practical practice-oriented ability to adapt to the field.

#### **IA614 Studies in the Material for Wood and Lacquer**

It is understood based on scientific empirical theory that the types and characteristics of the overall materials of woodworking crafts using wood and painting as the main material. Furthermore, the design and manufacturing ability of woodworking crafts is improved through research on the types, botanical, chemical structures, and gates of wood and natural and synthetic painting materials. To this end, learn about the organization, properties, materials, wood treatment, and wood processing of wood, and study the chemical properties of natural painting, ingredients, refining, natural painting and synthetic painting in connection with the design and manufacturing process of crafts.

#### **IA615 Studies in the Material for Fiber**

It is understood based on scientific theory about the characteristics of the types of textile craft materials as a whole. Furthermore, the design and manufacturing ability of textile crafts are improved through research on the type of fiber and the application method of salt, the expression technique according to the type of fiber and salt. To this end, we understand the structure and properties of fibrous materials such as cotton yarn, wool, silk,

paper, and leather, learn chemical properties according to the type of dye, and study the correlation between techniques and materials.

#### **IA616 Studies in the Image Design**

Based on the understanding of basic theories on video media and expression methods for expanding various visual experiences and perceptions, we learn practical expression skills to improve the practical use and application ability of video media that are changing day by day. To this end, practical practical practical skills should be improved so that various media that lead the change from the machine duplication era to the electronic duplication era can be used as a means of activating and determining research areas in the major field.

#### **IA617 Computer Graphics**

Understand in-depth the professional theory and practical application of computer graphics, and study the comprehensive stages of computer application design such as design modeling and simulation. In addition, we study the production of images synthesized with live images, multimedia, CD-ROM production, and virtual reality model (VRML) production using 3D expression techniques using 2D and 3D graphic programs.

#### **IA618 Studies in the Advertising Design**

Through research on the theory and practice of advertising, which has a huge impact on the industrial information age, actual advertising production ability is cultivated based on a wide and accurate understanding of advertising, such as social and economic functions, industry roles, advertising plans and creative design methods. Through this, we will study the history of advertising, social and economic aspects of advertising, advertising as a means of communication, consumer research, production analysis, marketing analysis, copywriting, advertising illustration, media planning newspapers, magazines, TV, radio, mail, and other media.

#### **IA619 Studies in the Package Design**

Not only to protect products, but also to focus consumers' attention and to comprehensively understand problems such as materials, functions, and forms of packaging that are helpful to humans in everyday life, and to develop practical skills through actual design work. To this end, the concept of packaging is interpreted from a new perspective, and practical skills are improved through the conditions of packaging designer, packaging design planning, material, structure, molding, manufacturing process, and actual production.

#### **IA620 Survey Method**

Objectively and economically collected data are the basis of all studies. The purpose of this course is to understand basic research techniques for correct data collection and to cultivate basic statistical processing capabilities of collected data. Focusing on the planning

and due diligence of questionnaire surveys, which are most widely used among survey techniques, the data analysis method using statistical packages such as survey production, sampling, statistical survey practice, and SAS and SPSS is included.

**Research for the Maser's Degree I**

**Research for the Maser's Degree II**