

Bachelor of Science Program in Industrial Product Design

B. Sc. (Industrial Product Design)

OVERVIEW AND PHILOSOPHY

Industrial Product Design is one of several academic programs at the Faculty of Industrial Technology, Phranakhon Rajabhat University. It is a professional program that emphasizes on principle knowledge of product design for industry, as well as understanding the concept of creative arts. A key aspect of the course is to offer a comprehensive introduction of diverse industrial designs that serve social, economy and local technology contexts. Also, it provides a broad exposure to all different applications of product design knowledge that demonstrate the ability to design quality products based on society demand.

Undergraduate education in industrial product design is a four-year full time course that leads to the Bachelor of Science (B.Sc.) in Industrial Product Design. While the focus of the program aimed primarily at catering students with creativity, specialized knowledge and skills of industrial product design, it also focuses on developing students a strong understanding of professional ethics and morality, which is necessary to every modern society.

PROGRAM STRUCTURE

The program of study covers 4 academic years (8 semesters in total) and consists of 130 credits including:

1. General Education	30	credits
2. Professional Courses	87	credits
a. Professional Foundation Course	25	credits
4011301 General Physics 1		3(2-2)
4021101 General Chemistry 1		3(2-2)
4111104 Principles of Statistics		3(3-0)
5501102 Applied Mathematics for Industrial Works		3(3-0)

5542104	English for Industrial Product Designs	3(3-0)
5541101	History of Industrial Product Designs	2(1-2)
5541103	Principles Designs and Art Composition	2(1-2)
5541105	Materials and Production Process	2(1-2)
5541106	Ergonomics for Industrial Product Designs	2(1-2)
5541801	Workshop in Basic Tools	2(1-2)

b. Major Courses	62	credits
- Required Courses	44	credits
5541102	Principles of Industrial Product Design	3(2-2)
5541104	Concept of Basic Designs	3(2-2)
5541107	Basic Drawing Technique	2(1-2)
5541108	Drawing for Product Designs	2(1-2)
5542101	Product Drawing Technique by Computer	2(1-2)
5542102	Theory of Color and Design	2(1-2)
5542103	Industrial Product Designs 1	3(2-2)
5542112	Model Making for Presentations	3(2-2)
5542701	Packaging Designs	3(2-2)
5543102	Industrial Product Design 2	3(2-2)
5543108	Computer Aided Design 1	2(1-2)
5543109	Computer Aided Design 2	2(1-2)
5543110	Industrial Product Design 3	3(2-2)
5543111	Industrial Product Design 4	3(2-2)
5543901	Product Research and Development	2(1-2)
5544901	Thesis Proposal Designs	2(1-2)
5544902	Thesis Designs	4(2-6)

- Elective Courses	18	credits	
5542108	Contemporary Thai Products Designs	3(2-2)	
5542401	Furniture Designs	3(2-2)	
5542601	Plastic Designs	3(2-2)	
5542702	Designs and Development Packaging	3(2-2)	
5543112	Photography for Product Designs	2(1-2)	
5543113	Industrial Design 5	3(2-2)	
5543119	Management of Product Designs	2(1-2)	
5543203	Paper Designs	3(2-2)	
5543212	Ornament Designs	3(2-2)	
5543216	Toy Designs	3(2-2)	
5543217	Universal Designs	3(2-2)	
5543218	Product Designs for Environment	3(2-2)	
5543219	Product Designs Based on Sufficiency Economy Philosophy	3(2-2)	
5543220	Designs for Disaster Mitigation	3(2-2)	
5543221	Vehicle Designs for Environment Conservation	3(2-2)	
5543222	Souvenir Product Designs for ASEAN Community	3(2-2)	
5543223	Product Designs for Garden Arrangement	3(2-2)	

3. Free Elective Courses 6 credits

4. Professional Internship 7 credits

5543801	Preparation for Professional Internship Industrial Product Designs	2(90)
5544801	Professional Internship for Industrial Product Designs	5(450)

Or

5543802	Preparation for Co – operative Education	1(45)
5544802	Co- operative Education	6(540)

EXPECTED QUALITY GRADUATES

Educational outcomes for graduates of the Industrial Product Design program at Phranakhon Rajabhat University include:

PROSPECTIVE CAREERS

Graduates with Bachelor of Science (B.Sc.) can expect to find employment in:

1. Packaging designers and creative facilities associated with human life for private companies or government sectors.
2. Packaging designers; in Government sectors and Private Sectors
3. Interactive designers; on the design companies
4. Graphic designers; on drafting for manufacturing
5. Marketers; on Design works
6. Independent occupations; on basic art/ design

PROGRAM OF STUDY COMMITTEE

1. Chakkraphop Poonsin Chairman
2. Veerachai Atichattanan
3. Supinyo Wongphame
4. Rachan Panprasert
5. Parichart Rattanapol Committee Secretary

ACADEMIC SCHEDULE

- 1st Semester June - September
- 2nd Semester November - February
- 3rd Semester March - May

ACADEMIC FEES

Academic Fees per semester of 12,000 Baht

CONTACT

Interested persons are welcome to contact the Chairman of the study program or directly contact Secretary of the Dean office, Faculty of Industrial Technology (FIT), Phranakhon Rajabhat University, Bang Khen District, Bangkok Metropolis Thailand at the phone number: +662 5448243, +662 5448244 or email: techno_fac@yahoo.com

For more information , please visit our web site : <http://tech.pnru.ac.th>