

Bachelor of Architecture Program in Architecture

B. Arch. (Architecture)

OVERVIEW AND PHILOSOPHY

The profession of architecture, according to the Architects Act (Architect Council of Thailand, 2007), embodies both the art and science of design, building layout planning, land development and readjustment, urban and community planning and architectural art conservation. With the continuous growth of local communities and the advancement of science and technology, modern society is now facing with the increasing pressures of pollution, environmental and conservation concerns. Thereby, eligible architects are highly in demand and there is a need to develop a curriculum in architecture that focuses on diversification, to achieve sustainable growth in communities.

The Bachelor of Architecture (B. Arch.) at Phranakhon Rajabhat University is a five-year full time professional program accredited by the Architect Council of Thailand. The curriculum provides an intense array of courses that contributes to a solid foundation in the field of architectural practice, including landscape architecture and planning, urban design, community planning, and architectural art and environmental conservation. It also enables students to acquire the broad knowledge and skills necessary for entering into the profession or higher degree studies.

PROGRAM STRUCTURE

The program of study covers 5 academic years (10 semesters in total) and consists of 170 credits including:

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|-------------------------|-----|---------|
| 1. General Education | 30 | credits |
| 2. Professional Courses | 127 | credits |

a. Professional Foundation Course	17	credits
5665109 English for Architecture		3(3-0)
5665110 English for Architectural Presentation		3(3-0)
5661101 Fundamental Design		4(2-6)
5661102 Basic Architectural Drawing		2(1-3)
5661105 Visual Design		2(1-3)
5712201 Structural Mechanics		3(3-0)
b. Major Courses	110	credits
- Required Courses	83	credits
5661201 Architectural Design 1		5(2-9)
5662202 Architectural Design 2		5(2-9)
5662203 Architectural Design 3		5(2-9)
5663204 Architectural Design 4		5(2-9)
5663205 Architectural Design 5		5(2-9)
5664206 Architectural Design 6		5(2-9)
5664207 Architectural Design 7		5(2-9)
5665208 Architectural Design 8		5(2-9)
5665217 Thesis Proposal In Architecture		2(2-0)
5665901 Thesis in Architectural Design		8(0-24)
5663210 Architectural Concepts 1		2(2-0)
5663211 Architectural Concepts 2		2(2-0)
5661301 Building Construction 1		3(1-6)
5662302 Building Construction 2		3(1-6)
5662303 Building Construction 3		3(1-6)
5663304 Building Construction 4		3(1-6)
5663305 Building Construction 5		3(1-6)
5664306 Building Construction 6		3(1-6)
5664307 Building Construction 7		3(1-6)

5663308	Structure 1	2(1-2)
5663309	Structure 2	2(1-2)
5664310	Building Equipment 1	2(2-0)
5664311	Building Equipment 2	2(2-0)
- Elective Courses		27 credits
5661401	History of Architecture 1	2(2-0)
5662402	History of Architecture 2	2(2-0)
5662405	Thai Vernacular Architecture 1	2(1-3)
5663406	Thai Vernacular Architecture 2	2(1-3)
5663407	Thai Vernacular Architecture 3	2(1-3)
5664408	Thai Vernacular Architecture 4	2(1-3)
5662403	Thai Architecture and Conservation 1	2(2-0)
5662404	Thai Architecture and Conservation 2	2(2-0)
5664502	Construction Management	3(3-0)
5664503	Cost Estimation	2(2-0)
5664505	Professional Practice and Consumer Protection Laws	2(2-0)
5662213	Site Planning	2(1-3)
5662111	Computer-aided Architectural Design	2(1-3)
5661110	Introduction to Computer	2(1-3)
5662313	Local Construction Materials	2(2-0)
5662409	Thai Art	2(1-3)
5662410	Eastern Philosophy	2(2-0)
5662411	Art Appreciation	2(2-0)
5663108	Statistics and Research Methodology in Architecture	2(2-0)

5665315	Design of Steel Structure	2(1-2)
5665316	Modular System Design	2(1-3)
5663212	Psychology for Architecture	2(2-0)
5663506	Taxation and Land Reform	2(2-0)
5663508	Seminar on Architecture	2(1-3)
5663509	Seminar on Construction	2(2-0)
5665318	Natural Energy for Architectural Design	2(2-0)
5664501	Environment for Architectural Design	2(2-0)
2563408	Building Law	2(2-0)
5661312	Building Materials	2(2-0)
5661314	Local Wisdom and Technology	3(3-0)
5663317	Surveying	2(1-3)
5662214	Introduction to Urban Planning	2(2-0)
5665510	Housing	2(2-0)
5663412	Interior Architecture	2(1-3)
2532303	Community Development Administration	2(2-0)
-	Prerequisite Subjects (Non-credit)	6 credits
5661103	Drawing	2(1-3)
5661106	Applied Mathematics	2(2-0)
5661107	Physics for Architecture	2(2-0)

Specific requirements: This course provides students who did not graduate high school level. Wired Science-Mathematics were enrolled in the basic knowledge and were practiced drawing more attention to students. Prepare to enter the field of architecture. The Audits and evaluation through a level (P: Pass).

3. Free Elective Courses	6	credits
4. Professional Internship	7	credits
5663801 Workshop		2(90)
5664802 Field Experience and Training in Architecture		5 (450)

EXPECTED QUALITY GRADUATES

The outcomes that students are expected to have gained upon graduation with the Bachelor of Architecture are:

- Engaging in self-directed learning processes and able to commit knowledge to good causes, with much emphasis on the life and learn principles
- Ability to apply professional knowledge and expertise through service to the industry and local communities
- Ability to apply theories, concepts and principles found in the humanities and the social and behavioral sciences, including a thorough foundation in communications skills and interpersonal relationships

PROSPECTIVE CAREERS

Graduates in The Bachelor of Architecture (B. Arch.) can expect to find employment in:

1. Architects; in Government sectors and Private Sectors
2. Consultants; on the design and building construction
3. Lecturers/ trainers; on Architecture Education in higher education institutions or universities
4. Independent Professionals; on Architectural Practice

PROGRAM OF STUDY COMMITTEE

1. Assistant Professor Dr. Thanawuth Khunthong Chairman
2. Dr. Monton Janjamsai
3. Dr. Supalux Jairueng
4. Dr. Attayanan Jitrojanaruk
5. Assistant Professor Pattra Suebsiri
6. Assistant Professor Supakit Sodsie
7. Mr. Boonchai Kajaikiatkumjorn
8. Ms. Rujirapha Ngamsakoo
9. Mr. Bancha Buranasingha
10. Mr. Supoj Propayak
11. Mr. Waranyoo Siriwan Committee Secretary

ACADEMIC SCHEDULE

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

ACADEMIC FEES

Academic Fees per semester of 13,000 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>