

Course Application for E-Cube-I Scholarship 2022

Course name	Bachelor of Architecture Program in Architecture
Course Details	<p>1. General Education Courses 30 credits</p> <p>1.1 Social sciences and humanities courses 6 credits</p> <p>1.2 Language course 12 credits</p> <p>1.3 Science and Mathematics group 6 credits</p> <p>1.4 Physical or recreation subject group 1 credit</p> <p>1.5 Integrated subjects 5 credits</p> <p>2. Specialized courses 143 credits</p> <p>2.1 Basic Fundamentals Courses 34 Credits</p> <p>2.2 Compulsory Professions 93 credits</p> <p>2.3 Professional groups choose 9 credits</p> <p>2.4 Vocational Education Experience 7 Credits</p> <p>3. Elective courses no less than 6 credits</p> <p>Course Details</p> <p>1. General Education Courses 30 credits</p> <p>1.1 Social Sciences and Humanities Courses 6 credits</p> <p>1.1.1 Social Sciences Courses 3 credits, choose to study from the following courses</p> <p>01-110-002 Man and Society</p> <p>01-110-004 Society and Environment</p> <p>01-110-009 Development of Social and Life Quality</p> <p>01-110-011 General Economics</p> <p>01-110-012 Sufficiency Economy for Sustainable Development</p> <p>1.1.2 Humanities course 3 credits, choose to study from the following courses</p> <p>01-210-004 Psychology and Daily Life</p> <p>01-210-005 Applied Psychology to Work</p> <p>01-210-008 Reasoning and Ethics</p> <p>01-210-011 Foundation of Thai Civilization</p> <p>01-210-014 Man in Globalization</p> <p>1.2 Language Courses 12 credits</p>

	<p>1.2.1 English Language Courses 9 credits Study from the following courses.</p> <p>01-320-001 English for Communication 1</p> <p>01-320-002 English for Communication 2</p> <p>01-320-003 English Conversation</p> <p>1.2.2 Thai language courses 3 credits Choose to study from the following courses.</p> <p>01-310-006 Academic Reading and Writing</p> <p>01-310-009 Arts of Speaking</p> <p>1.3 Science and Mathematics group 6 credits, 3 credits from the following courses</p> <p>09-000-001 Computer and Information Technology Skills</p> <p>And choose to study in 3 credits from the following courses</p> <p>09-410-040 General Physics</p> <p>09-410-044 Science and Technology</p> <p>09-111-051 Mathematics in Daily Life</p> <p>09-121-005 Introduction to Statistics</p> <p>1.4 Physical education or recreation group at least 1 credit, choose from the following courses</p> <p>01-610-001 Individual Sports</p> <p>01-610-002 Team Sports</p> <p>01-610-003 Recreation</p> <p>01-610-004 Swimming for Health</p> <p>01-610-006 Weight Training for Health</p> <p>1.5 Integrated subject group 5 study credit 3 credits from the following courses</p> <p>01-000-001 Social Skills</p> <p>And choose to study at least 2 credits from the following courses</p> <p>01-010-010 Personality Development</p> <p>01-010-016 Man and Decent Life</p> <p>07-000-001 Art Appreciation</p> <p>10-100-011 Architecture for Eco-Tourism</p>
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	<p>11-110-012 Home Health Care</p> <p>2 Specialized courses 143 credits</p> <p>2.1 Professional Foundation Courses 34 credits</p> <p>10-111-101 Introduction to Architectural Profession</p> <p>10-111-102 Fundamental Design</p> <p>10-111-103 Architectural Design Drawing and Presentation</p> <p>10-111-104 Basic Architectural and Construction Drawings</p> <p>10-111-105 Construction Drawing 1</p> <p>10-111-206 Construction Drawing 2</p> <p>10-111-107 Mechanics for Architecture</p> <p>10-111-108 Building Structure 1</p> <p>10-111-209 Building Structure 2</p> <p>10-111-210 Computer for Presentation</p> <p>10-111-211 History of Western Architecture</p> <p>10-111-212 History of Eastern Architecture</p> <p>10-111-313 Thai Architecture</p> <p>10-111-414 English for Architects</p> <p>2.2 Mandatory professional groups 93 credits</p> <p>2.2.1 Architecture Design Courses 46 Credits</p> <p>10-112-101 Architectural Design 1</p> <p>10-112-202 Architectural Design 2</p> <p>10-112-203 Architecture Design 3</p> <p>10-112-304 Architecture Design 4</p> <p>10-112-305 Architecture Design 5</p> <p>10-112-406 Architecture Design 6</p> <p>10-112-407 Architecture Design 7</p> <p>10-112-508 Thesis Preparation</p> <p>10-112-509 Thesis</p> <p>10-112-110 Principles of Architecture Design</p> <p>10-112-311 architecture concepts</p> <p>2.2.2 Technology Courses 24 Credits</p> <p>10-113-101 Construction Technology 1</p>
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	<p>10-113-202 Construction technology 2</p> <p>10-113-303 Construction technology 3</p> <p>10-113-304 Construction technology 4</p> <p>10-113-205 Building Technology 1</p> <p>10-113-406 Building Technology 2</p> <p>10-113-307 environmental control in buildings Energy conservation in buildings</p> <p>2.2.3 Vocational Support Courses 23 Credits</p> <p>10-114-301 landscape architecture</p> <p>10-114-302 Site planning</p> <p>10-114-403 Initial City Planning</p> <p>10-114-304 Estimation of Preliminary Construction Price</p> <p>10-114-405 Principles of Professional Practice</p> <p>10-114-306 Computer-assisted architectural design</p> <p>10-114-407 Building Information Modeling</p> <p>10-114-208 interior architecture</p> <p>2.3 Expert groups choose 9 credits. Choose from the following courses</p> <p>2.3.1 Course in the Architecture Design Process</p> <p>10-115-401 Architectural Laws and Regulations</p> <p>10-115-402 feasibility study and project selection</p> <p>10-115-403 Diagrams in Architecture Design Architectural beauty</p> <p>10-115-405 Contemporary Thai Architecture Design</p> <p>10-115-406 Seminar in Architecture</p> <p>10-115-407 Individual Architecture Study</p> <p>10-115-408 Advanced architectural concepts</p> <p>2.3.2 Construction Technology and Management Program</p> <p>10-116-401 Architectural survey</p>
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	<p>10-116-402 architectural details design</p> <p>10-116-403 Estimation of advanced construction prices</p> <p>10-116-404 architectural project management</p> <p>10-116-405 Construction management</p> <p>10-116-406 Management to increase productivity</p> <p>10-116-407 Building Management</p> <p>10-116-408 Construction inspection and supervision</p> <p>10-116-409 Basis and methods for valuation of basic assets</p> <p>2.3.3 Courses in Building Technology and Innovation</p> <p>10-117-401 Structural Technology</p> <p>10-117-402 Natural Lighting in Buildings</p> <p>10-117-403 Sustainable Architecture</p> <p>10-117-404 Building Renovation</p> <p>10-117-405 Industrialized Building Technology and Design</p> <p>10-117-406 Digital Design Fabrication in Architecture</p> <p>10-117-407 3D Virtual Environment</p> <p>10-117-408 Energy Audit for Buildings</p> <p>10-117-409 Simulation to Analyze the Appropriate Building Design</p> <p>10-117-410 Basic Principle of Acoustic Design in Buildings</p> <p>10-117-411 Materials Innovation of Urban Community</p> <p>2.3.4 Courses in Architecture Context</p> <p>10-118-401 Thai Vernacular Architecture</p> <p>10-118-402 Architecture and Urban Conservation</p> <p>10-118-403 Architecture and Cultural Heritage</p>
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	<p>10-118-404 Photography for Architectural Studies</p> <p>10-118-405 Cultural Ecology and Settlement</p> <p>10-118-406 Conceptual Design for Low Carbon Society</p> <p>10-118-407 Architectural Design and Environmental Impacts</p> <p>10-118-408 Landscape Architectural Technology</p> <p>10-118-409 the Place of the City</p> <p>2.4 Professional Experience Courses 7 Study Credits 1 Credit from the following courses</p> <p>10-000-401 Preparation for Professional Experience</p> <p>And choose to study 6 credits from cooperative education courses or training courses</p> <p>2.4.1 Cooperative Education Courses</p> <p>10-000-402 Cooperative Education</p> <p>10-000-403 International Cooperative Education</p> <p>2.4.2 Internship Course</p> <p>10-000-404 Apprenticeship 1</p> <p>10-000-405 Apprenticeship 2</p> <p>10-000-406 International Apprenticeship 1</p> <p>10-000-407 International Apprenticeship 2</p> <p>10-000-408 Workplace Special Problem</p> <p>10-000-409 International Experience in Architecture</p> <p>2.4.3 Real Practice Training Course</p> <p>10-000-510 Post-course Internship</p> <p>3. Elective courses no less than 6 credits</p> <p>For students to choose from courses offered at the undergraduate program at Rajamangala University of Technology Thanyaburi Or courses in the chosen profession Or subjects to</p>
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	enhance professional experience Which is not the same as the course already learned And must not be the subject assigned to study without credits.
Required-number of Undergraduate-Student	5
Required-number of Graduate-Student	-
Course conditions	<p>The architecture program 5-years provides a complete training for undergraduate students to embrace the real working conditions. As architects, they must contribute to the improvement of their society and environment. These are reflected in the different dimensions of our program ranging from the structure of design studios, individual courses, studio projects, and extra-curricular activities to the recruitment of faculty. Hands-on characteristics is provided for students' interest to be expertise in field of architecture based on technology and innovation approach.</p>
Applicant qualifications (Specific qualifications)	<ol style="list-style-type: none"> 1. Applicant must have completed high school (Grade 12) or passed an equivalent high standard test or vocational certificate graduates in industrial field. 2. There is no upper age limit for applicants. This means if you are 18 and over, you can apply 3. GPA 2.50 up 4. TOEIC not lower than 550 5. RT-TEP not lower than 4.5 6. Test of Aptitude in Design with minimum of 50% 7. The specialization of architectural technology combines the creative art of architecture with the technological aspects Architectural technology specialists will also need strong drawing skills, problem-solving abilities and attention to detail. <p>Required application documents such as Resume, Transcript, Port Folio, etc. that correspond to the applicant's qualifications and conditions.</p> <ol style="list-style-type: none"> 1. Academic transcript (s) /vocational certificate degree

	<ul style="list-style-type: none"> 2. CV and VDO clip Aptitude in Design presentation 3. A copy of the applicant's passport 4. Portfolio
Language in Course	Thai Language
Contact person	Name: Miss Naruedee Sikeawmee Phone/ Mobile Number: +6686 5533222 E-mail: naruedee_s@rmutt.ac.th, inter.arch@rmutt.ac.th