

## ARCHITECTURE CURRICULUM INDONESIA AS AAEC 23

ITB	MoRTHE - APTARI	UII
Curriculum (Subjects)	Learning Outcome	Curriculum (Subjects)
Architectural design related studio Site planning Studio Construction and Building Material Studio	<b>Ability to produce architectural design that fulfills aesthetic criteria, technical requirement, and environmental sustainability.</b>	Architectural design studio Site planning
World Architecture History and tradition. Indonesian architecture History and tradition	<b>Have sufficient understanding on architectural history and theory including art, technology and humanities.</b>	History and Theory of Architecture Indonesian Architecture
Architecture Theory and Critics Architectural Design Theory	<b>Have understanding on fine art and its influence on architectural design quality</b>	Architecture
Introduction to Urban Architecture Housing and the Cities Housing design and settlement	<b>Have sufficient understanding on urban planning and design as part of architectural design context consideration.</b>	Housing studies Introduction to Urban design
Architectural Design Principles Architectural Appreciation	<b>Have understanding on relationship between man and buildings as well as between building and their surroundings environment, also on the important relation among those elements in creating spaces for fulfill human need and human scale.</b>	Building Structural system Building infrastructure Building material and Construction Principles of building structure
Sustainable built environment	<b>Have understanding on method of producing design that agrees with environmental carrying capacity.</b>	Sustainable Architecture
Professional Apprentice	<b>Have understanding on architect professionalism and wise the role up in the society especially by considering social factors in formulation of terms of references</b>	Profession Ethic Professional practices

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Research Methodology	<b>Have understanding on investigation and design programming method for design project.</b>	Design thinking
Basics of Building structure	<b>Have understanding on structural, construction and engineering problems relate to buildings design.</b>	Advance architectural theory
Building Physic	<b>Have understanding on physical and physical science, technology and building function problems so that can provide comfortable space and protection from local climate.</b>	Thermal environmental control Architectural lighting Environmental acoustic
Behaviour and Architectural Design Architectural Typology development	<b>Have understanding on building users perspective and requirement mainly in term of construction cost and building regulation constrains gaps.</b>	Building performance evaluation
Building Utility	<b>Have understanding on industrial, organizational, regulation and procedural processes that relate to design concept translation process to be buildings as well as integration process of spatial plans ordering to become such an comprehensive design</b>	Integrated building engineering
Project Management	<b>Have understanding on project financial aspect, project management and construction cost control.</b>	Entrepreneurship BIM