



UNIVERSITY OF SAM RATULANGI MANADO
FACULTY OF ENGINEERING
DEPARTMENT OF ARCHITECTURE
UNDERGRADUATE ARCHITECTURE PROGRAM

Code
Document

SEMESTER LEARNING PLAN

COURSES (MK)		CODE	COURSE GROUP	WEIGHTS (credits)		SEMESTER	Date of Preparation
LANDSCAPE IN COASTAL & HILLY AREAS		ARS 3121	Interior & Exterior Design, Site Planning & Landscaping, Urban Planning & Design, Housing & Settement	T=2	P=1	V	1 Agustus 2020
AUTHORIZATION		RPS Developer		RMK Coordinator		Head of Study Program	
		Cynthia E.V Wuisang, ST, M.UrbHabMgt, PhD		Cynthia E.V Wuisang, ST, M.UrbHabMgt, PhD		Frits O. P. Siregar, ST., M.Sc	
Learning Outcomes (CP)		ELOs charged to course					
A1		Embodying a behaviour setting that includes national patriotism; religious; humanistic; appreciative and tolerant to cultural and religious diversity; sensitive to social and natural environmental issues; obedience to the law; uphold academic ethics; responsible, independent, persevering, thriving and have entrepreneurial spirit.					
S1		Able to make decisions, apply or develop science, technology and art with logical, critical, systematic, innovative, creative, qualified and measurable thinking, independently or in group cooperation, based on valid data input and analysis, and well reported and documented.					
S2		Able to perform various architectural communication techniques (mathematical & statistical expression; manual & computer aided drawings; oral & written verbal narratives) to support a design proposition.					
S6		Able to apply architectural knowledge and skills to carry out educational / teaching, research and community service activities in the field of Architecture.					
K2		Understand the aesthetic conception, art and culture, especially in the context of vernacular architecture of the coastal and hilly environment.					
K5		Understand the process, methods and strategies of integration of theoretical principles, standards and practice precedents for site planning, landscaping, landscaping, outdoor & interior design, urban and residential / settlement planning & design, especially in the context of vernacular architecture of the coastal and hilly environment.					
		Course Learning Outcomes (CLO)					
		Mastering in general the scope of landscape architecture; definitions, principles in landscape architecture, history of the development of landscape architecture, scale, character, quality of landscaping, getting to know plants in landscaping, landscape design processes starting from tread programs, site analysis, site development by paying attention to the rules of outdoor space, visual elements / micro-scale outer space, environment and city					
		Sub-CLOs					
Sub CLO-1		Understand and explain the scope of landscape in architectural science and be able to explain the principles and techniques of design lansekap					
Sub CLO-2		Understand and be able to explain the concepts of micro-scale landscape / outer space arrangement (around buildings and macros according to the history of its development					
Sub CLO -3		Understand and be able to explain the concepts and techniques of designing indoor spaces					

	Sub CLO -4	Understand and Be able to apply microscale landscape design using site information
	Sub CLO -5	Understand and be able to explain the theory and concepts of macro-scale outdoor space (urban landscape)
	Sub CLO -6	Understand and Be able to apply theories and concepts of macro-scale outdoor space through the presentation of architectural drawings of two- and three-dimensional footprints
Course Short Description	This course explains the scope of Landscape Architecture which includes the History of the Development of Landscape Architecture in the world and in Indonesia, knowing various scales, characters and landscape qualities, getting to know plants in landscapes, explaining the process of landscape design including site analysis for site / site development by paying attention to the rules of outdoor space	
Learning Materials	<ol style="list-style-type: none"> 1. Fundamentals of Landscape Architecture; Principles of Landscape Architecture Design 2. The Concept of Landscape Arrangement according to the History of Development and Civilizations of Ancient, Middle, Renaissance, Industrial Revolution, Beginning of the 19th century and Present 3. Outdoor Space, Outdoor Space Elements, Outdoor Space Design Techniques (Spatial Design, Visual Aspects, Circulation Patterns, Composition and Structure of outdoor spaces) 4. Landscape Programming (Objects and Facilities and land/tread), Site Information Diagram, Site Analysis Diagram (Physical, Ecological and Cultural), Site Development Concept 5. The Existence of Space, Theories and Concepts of Meaning of Space and Place: Sequences and Serial Visions), Theories and concepts of Outer Space: Characteristics of The Formation of Outer Space (Place and Contents) 6. Site Concept and programming, Site Analysis Concept, Site Development Concept, Presentation of Architectural drawings of Site Planning / Site Planning and Two- and three-dimensional Outdoor Space Sketches, By manual and or digital drawing software (computer) 	
Reference	<ol style="list-style-type: none"> 1. Chiara De Joseph & Lee. Koppelman (1994), Standar Perancangan Tapak, Erlangga 2. White, E.T (Terjemahan) Analisis Tapak, Pembuatan Diagram Informasi bagi Perancangan Arsitektur, Intermatra Bandung 3. Gunadi Sugeng, Merancang Ruang Luar Terjemahan Yosinabu Ashihara (1962) Exterior Design in Architecture, Shokokusha, Publishing Co, Tokyo 4. Hakim, Rustam (1991), Unsur Perancangan Dalam Arsitektur Lansekap, PT Bumi Aksara, Jakarta 5. Simon, J (1983) Landscape Architecture, A Manual of Site Planning and Design, Mc Graw Hill Book 6. Gunadi Sugeng, Diktat Kuliah Perancangan Ruang Luar, ITS 7. Todd, K.M (1990) Tapak, Ruang dan Struktur, Intermatra Bandung 	
Lecturers	Cynthia E.V Wuisang, ST, M.UrbHabMgt, PhD Raymond Tarore ST, MT	
Required courses	-	

Week (1)	Sub-CLO (Final ability of each learning stage) (2)	Valuation		Learning Aids, Learning Methods, Assignments		Learning Materials (7)	Assessment Weight (%) (8)
		Indicators (3)	Criteria & forms (4)	Luring (offline) (5)	Daring (online) (6)		
1	Understand the learning process and course materials	Availability of syllabus and RPS	Criteria : Division of groups Form : question and answer		Face-to-face and lectures	- course syllabus - Students' initial knowledge related to the material in the syllabus - lecture materials (in RPS) and the learning process	
2	Sub CPMK-1: Understand and explain the scope of landscape in architectural science and be able to explain the principles and techniques of landscape design	Accuracy explains the scope of landscaping, the principles of landscape design	Criteria : Activeness in class discussions Form : Question and answer and discussion		Face-to-face and Group Division lectures for Discussion at Meeting 03	Fundamentals of Landscape Architecture; Principles and techniques in Landscape Architecture Design	
3	Sub CPMK-2: Understand and be able to explain the concepts of micro-scale landscape / outer space arrangement (around buildings and macro according to the history of their development	Accuracy explains the concept of landscape structuring according to the period / history of its development	Criteria : Activeness in discussion and question and answer Form : assisted by visualization and discussion		Online Group Discussions Continued Group Assignments (Improvement of Papers and ppt	The Concept of Landscape Arrangement according to the History of Development	T 01= 10%
4	Sub CPMK-3: Understand and be able to explain the concepts and techniques of outdoor space design	Accuracy understanding and explaining outdoor space design concepts and techniques	Criteria : Activeness in discussion and collection of group tasks Form: Discussion and group work (PT)		Face-to-face and Individual Assignment lectures – Assignment 01	Outdoor Space, Outdoor Space Elements, Outdoor Space Design Techniques (Spatial Design, Visual Aspects, Circulation Patterns, Composition and Structure of outdoor spaces	T 02 – 10%
5	Sub CPMK-4: Understand and Be able to apply micro-scale landscape design using site information	Programming Facilities and land/sites	Criteria : Activeness in discussion and collection of tasks Form: Discussion and group work (PT)		Face-to-face/tutorial Task gathering 02	Landscape Programming (Objects and Facilities and land / land),	

6	Sub CPMK-4 : Understand and Be able to apply microscale landscape design using site information	Building a Diagram Site information	Criterion: Activeness in virtual classes Form: Discussion and individual work		Face-to-face/Tutorial	Tread Information Diagram consisting of Contextual aspects of the site	
7	Sub CPMK-4: Understand and Be able to apply micro-scale landscape design using site information	Site Analysis	Criteria : Activeness in discussion and collection of group tasks Form: Discussion and group work (PT)		Face-to-face/Individual Assignment Practicum tutorial 03	Site Analysis: Location, layout, environmental links, site size and size, site legality, physical characteristics of the site (natural and artificial, contours)	T 03 = 30%
8	Midterm Evaluation / Midterm Exam UTS= 15%						
9	Sub CPMK-4: Understand and Be able to apply micro-scale landscape design using site information	Advanced Site Analysis	Criteria : Activeness in discussions / questions and answers Form : TM and Practicum discussions		Face-to-face and Individual Assignment Practicum tutorials 03 (Continued)	Tread Analysis: Circulation patterns, utility, noise, people and culture, climatology	
10	Sub CPMK-4: applying microscale landscape design using site information	Site Development	discussions / questions and answers Form : TM and Practicum discussions		Face-to-Face and Individual Assignment Practicum Tutorials 03 - advanced	Concept-Site Development (Synthesis /alternative)	
11	Sub CPMK-4 : . Students are able to understand and explain theories and concepts of planning and designing meso- and macro-scale sites (urban landscapes)	explaining the Theory and Concept of Outdoor Space Serial Visions and Sequences	Criteria : Activeness in discussion Form : Discussion and Question and answer		Face-to-face and Task Gathering Tutorial 03 (Site Analysis and Synthesis)	Theory and Concept of Outdoor Space Serial Visions and Sequences	

12,13	Sub CPMK-5: Understand and be able to explain the theory and concepts of macro-scale outdoor space (urban landscape)	Ability to Explain Theories and Concepts of Places (Regarding Places)	Criteria : Activeness in discussion Form : Face to face and discussion		Face-to-face and Tutorials	Outdoor Theory and Concepts: Places	
14,15	Sub CPMK-5: Understand and be able to explain the theory and concepts of macro-scale outdoor space (urban landscape)	Ability to Explain Outdoor Space Theories and Concepts: Contents (About the contents of space)	Criteria : Activeness in the work and collection of individual tasks Form : Discussion and individual work		Face-to-face And tutorial Assignment 04 Serial Visions sequences area on the site places and contents (each 2 select 2)	Theory and Concept of Outdoor Space: Contents (Regarding the contents of Space)	T 04 = 20%
16	Sub CPMK-6 : Understanding and being able to menjelaskan teori dan konsep ruang luar berskala makro (lansekap perkotaan) applying theories and concepts of macro-scale outdoor spaces through the presentation of architectural drawings of two- and three-dimensional footprints	Ability to create Presentation of Architectural drawings of Site Planning and Sketches of two- and three-dimensional Outdoor Spaces, By manual sketching and or digital drawing software (computer)	Kriteria : Keaktifan dalam UAS Work Form: UAS		04 UAS task gathering – Site planning products and spots / Outdoor space elements 1 week work	Material for one semester (Site and Outdoor Space)	UAS= 15%