



BRAWIJAYA UNIVERSITY

FACULTY OF ENGINEERING

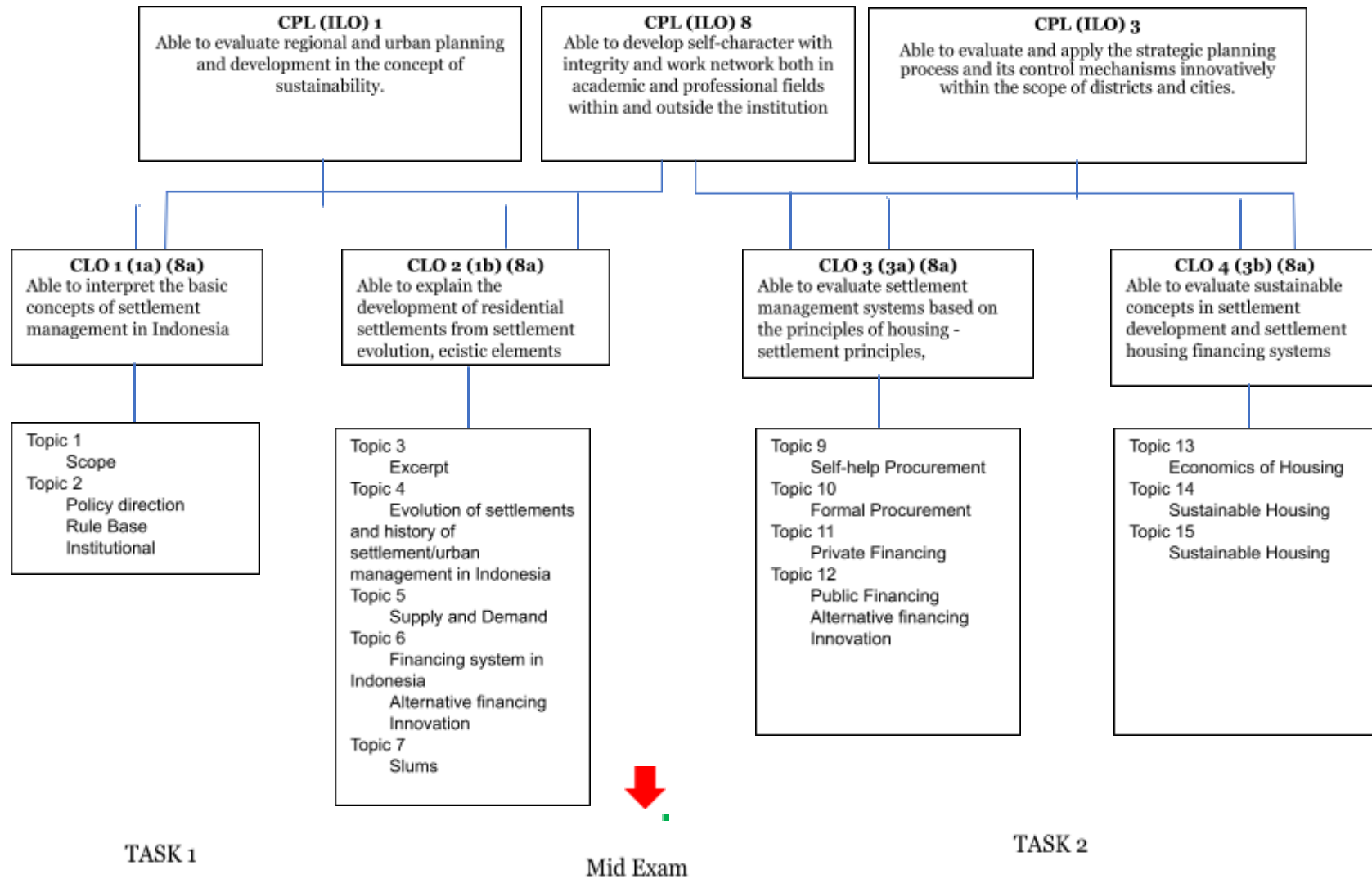
DEPARTMENT OF URBAN AND REGIONAL PLANNING / MASTER STUDY PROGRAM (S2)

SEMESTER LEARNING PLAN

SUBJECT	CODE	SUBJECT SCOPE	WEIGHT (credits)	SEMESTER	Date of Preparation
SETTLEMENT MANAGEMENT	TKW 81101	COMPULSORY URBAN PLANNING	2	ANIMAL	June 15, 2023
AUTHORIZATION	RPS (Semester Learning Plan) Developer Lecturer		Subject Coordinator	Head of Study Program	
Settlement Compartment Kartika Eka Sari, ST, MT	Dr. Eng. I Nyoman Suluh Wijaya, ST., MT Prof. Dr. Ir. Dr. Ir. Surjono, MTP		 Prof. Dr. Ir. Dr. Ir. Surjono, MTP	Dr.tech. Christia Meidiana, ST., M.Eng.	
Learning Outcomes	SLO/ILO study program				
	1	Able to evaluate regional and urban planning and development within the concept of sustainability.			
	3	Able to evaluate and apply strategic planning processes and control mechanisms innovatively at the regency and city levels.			
	8	Able to develop personal character with integrity and build networks both academically and professionally inside and outside of institutions			
	CLO/CLO and Performance Indicators				
	CLO 1 (1a) (8a)	Able to interpret settlement management problems in Indonesia			
	CLO 2 (1b) (8a)	Able to evaluate settlement management with an understanding of settlement evolution, ekistic elements, basic settlement fundamentals, and sustainability.			
	CLO 3 (3a) (8a)	Able to evaluate settlement management systems using an understanding of housing supply and development models.			

	CLO 4 (3b) (8a)	Able to evaluate the settlement housing financing system based on various principles of housing procurement based on the concept of supply, MBR financing and alternative provision
Brief description of the course	This course enhances students' abilities related to urban studies, urban resilience and environment-based planning.	
Learning Materials / Subjects	1. Issues of settlement development in Indonesia 2. characteristics of housing and settlements 3. concept of supply and provision of settlements 4. physical elements of the environment, social elements 5. settlement development planning.	
Library	Main	
	1. Jenkins, Paul, Harry Smith & Ya Ping Wang, 2007. Planning and Housing in the Rapidly Urbanizing World. Routledge 2. Payne, Geoffrey & Michael Majale, 2004. The Urban Housing Manual. London: Earthscan 3. Tiplle, A. Graham & Kenneth G. Willis, 2003. Housing the Poor in the Developing World. Routledge 4. United Nations Conference on Human Settlements (Habitat II), 2001, The Istanbul Declaration and The Habitat Agenda, Nairobi 5. United Nations Conference on Human Settlements (Habitat), 2001, Cities in A Globalizing Word, Global Report on Human Settlements, Earthscan, London. 6. Tan Willie, 2002, The Housing Martket, Pretise Hall, Singapore.	
	Supporters	
	-	
Learning Media	Software:	Hardware:
	Microsoft Office	LED Projector, Laptop, Laboratory Equipment
Team Teaching		
Course Requirements	Can be seen in the guidebook	

Diagram of relationship/percentage of OBE/KKNI SLOs/ILPs with CLO/CLOs



Relationship between SLO and CLO / sub CLO and assessment

ELOs and SLOs imposed on the course of Settlement Management				CLO (CLO)				Media assessment and its contribution to MK competency scores					
CPL/ ILO	SLO Statement	IK-CP L	IK-CPL Statement	CLO (CLO)	CLO Statement (CLO)	CLO Weight (CLO)	Assessmen t Media	Quiz 1	Quiz 2	Tasks	Practicum	Mid Exam	Final Exam
1	Able to evaluate regional and urban planning and development in the concept of sustainability.	1a	Interpret the concept of sustainability in regional and urban planning and development.	1	Able to interpret the basic concepts of settlement management in Indonesia	15%	Task 1,	5%					
							Mid Exam					10%	
		1b	Evaluate regional and urban planning and development based on the concept of sustainable development.	2	Able to explain the development of settlements from settlement evolution, ecistic elements and settlement sustainability	20%	Task 1			10%			
							Mid Exam					10%	
3	Able to evaluate and apply the strategic planning process and its control mechanisms innovatively within the scope of districts and cities.	3a	Evaluate the strategic planning system in the development of districts and cities	3	Able to evaluate settlement management systems based on the principles of housing - settlement principles	40%	Task 2,						
		3b	Evaluate and apply strategic planning processes and methods to district and city planning innovatively.				Final Exam					20%	
		3c	Evaluate and apply strategic planning control mechanisms and instruments at the district and city level in an innovative manner.	4	Able to evaluate the settlement housing financing system	25%	Task 2			20%			
							Final Exam					25%	

ELOs and SLOs imposed on the course of Settlement Management				CLO (CLO)				Media assessment and its contribution to MK competency scores					
CPL/ ILO	SLO Statement	IK-CP L	IK-CPL Statement	CLO (CLO)	CLO Statement (CLO)	CLO Weight (CLO)	Assessmen t Media	Quiz 1	Quiz 2	Tasks	Practicum	Mid Exam	Final Exam
8	Able to develop self-character with integrity and work network both in academic and professional fields within and outside the institution	8a	Able to apply a responsible attitude in the tasks that are their responsibility	1,2,3,4	As above (CLO 1, 2, 3, 4)								

CLO-CPL Weight Mapping

	CPL (ILO) 1	CPL (ILO) 2	CPL (ILO) 3	CPL (ILO) 4	CPL (ILO) 5	CPL (ILO) 6	CPL (ILO) 7	CPL (ILO) 8	
CLO 1	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.0
CLO 2	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.0
CLO 3	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.1	40%
CLO 4	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.1	25%
Weight	35%		65%						100%

Recapitulation of Percentage Relationship between CLO and Assessment

CPL (ILO)	Performanc e Indicators	CLO (CLO)	Weight (%)	Quiz 1	Quiz 2	Task 1	Task 2	Practicum	Mid Exam	Final Exam	Weight
1 & 8	1a, 8a	CLO 1	5%	5%							15%
			10%						10%		
	1b, 8a	CLO 2	10%			10%					20%
			10%						10%		
3 & 8	3a, 8a	CLO 3	40%								20%
	3b, 8a									20%	

	3c, 8a	CMPK 4	10%				20%				45%
			15%							25%	
				5%		10%	20%		20%	25%	100%

SLO (ILO) URP Master Study Program

1. Able to evaluate regional and urban planning and development in the concept of sustainability
2. Able to evaluate theory in the process of planning and development of regions and cities in the field of regional and urban planning specialization;
3. Able to evaluate and apply the strategic planning process and its control mechanism innovatively within the scope of districts and cities.
4. Able to use and select technology application methods in the field of regional and urban planning and development specialization
5. Able to formulate solutions to problems in the field of regional and urban planning and development by utilizing other fields of science in an interdisciplinary or multidisciplinary manner, and by taking into account physical spatial, economic, socio-cultural, environmental, and institutional factors;
6. Able to compile synthesis results of research, thoughts and ideas carried out for the development of science and technology in the field of regional and urban planning and development and publish them both nationally and internationally.
7. Able to assess issues related to planning and combine appropriate principles and methods through planning for rural-urban development integration and sustainable development.
8. Able to develop self-character with integrity and work network both in academic and professional fields within and outside the institution

Semester Learning Plan

Week (Lecturer)	Learning Materials	Indicator	Criteria & Form of Assessment	Learning Methods (Lecture / Assignment / other forms of learning)	Time (Duration)	Learning Material / Study Material [Literature]	Assessment Weight (%)
1 (SRJ/TAR)	CLO 1 Able to interpret the basic concepts of settlement management in Indonesia	1.1. Understand the RPS 1.2. Accuracy in explaining the scope of the settlement management system based on Law 1/2011	Criteria: Discussion liveliness Form of assessment: Quiz 1 Mid Exam	1. Lecture 2. Discussion/assistance	• Lecture: 2x170" • Discussion/assistance: 3x170"	Urban Design Studio Module Minister of Public Works Regulation No. 06/PRT/M/2007 on General Guidelines for Building and Environmental Planning	6%
2 (TAR)	CLO 1 Able to interpret the basic concepts of settlement management in Indonesia	1.1. Accuracy in explaining the direction of settlement management policy in Indonesia 1.2. Accuracy in explaining the basic rules of management and institutions in the settlement management system in Indonesia	Criteria: 1. Accuracy of definition and explanation 2. Activeness in discussion Form of assessment: Quiz 1 Mid Exam	1. Lecture 2. Discussion	• Lecture: 2x170" • Discussion/assistance: 3x170"	Urban Design Studio Module Minister of Public Works Regulation No. 06/PRT/M/2007 on General Guidelines for Building and Environmental Planning	7%
3 (TAR)	CLO 2 Able to explain the development of settlements from settlement evolution, ecistic elements and settlement sustainability	1.1. Accuracy in explaining the function and form of settlement ecistic elements/elements along with the doxiadis ecistic matrix	Criteria: 1. Accuracy of definition and explanation Form of assessment: Quiz 1	1. Lecture 2. Discussion	• Lecture: 2x170" • Discussion/assistance: 3x170"	Urban Design Studio Module Minister of Public Works Regulation No. 06/PRT/M/2007 on General Guidelines for Building and Environmental Planning	2%
4 (TAR)	CLO 2 Able to explain the development of settlements from settlement evolution, ecistic elements and settlement sustainability	• Accuracy in explaining evolution • Accuracy in explaining the development of settlements/cities in	Criteria: 1. Accuracy of definition and explanation	1. Lecture 2. Discussion	• Lecture: 2x170" • Discussion/assistance: 3x170"	Urban Design Studio Module Minister of Public Works Regulation No.	10%

Week (Lecturer)	Learning Materials	Indicator	Criteria & Form of Assessment	Learning Methods (Lecture / Assignment / other forms of learning)	Time (Duration)	Learning Material / Study Material [Literature]	Assessment Weight (%)
		Indonesia based on evolutionary theory in a case study report	2. Activeness in discussion Form of assessment: Task 1			06/PRT/M/2007 on General Guidelines for Building and Environmental Planning	
5 (TAR)	CLO 2 Able to explain the development of settlements from settlement evolution, ecistic elements and settlement sustainability	1.1. Accuracy in explaining the concept and demand/supply approach in housing/settlement management 1.2. Accuracy (simulation) of application of housing-settlement demand/supply approach	Criteria: 1. Accuracy of definition and explanation 2. Activeness in discussion Form of assessment: Mid Exam	3. Lecture 4. Discussion	● Lecture: 2x170" ● Discussion/assis tance: 3x170"	Urban Design Studio Module Minister of Public Works Regulation No. 06/PRT/M/2007 on General Guidelines for Building and Environmental Planning	2%
6 (TAR)	CLO 2 Able to explain the development of settlements from settlement evolution, ecistic elements and settlement sustainability	1.1. Accuracy in explaining the residential housing financing system in Indonesia 1.2. Accuracy in explaining alternative breeding systems for housing and settlements in Indonesia 1.3. Ability to explain the innovation of alternative financing/procurement of residential housing	Criteria: 1. Accuracy of definition and explanation 2. Activeness in discussion Form of assessment: Mid Exam	1. Presentation 2. Discussion	● Presentation and discussion: 5x170"	Mid Exam in the form of Preliminary Report Presentation	5%
7 (TAR)	CLO 2 Able to explain the development of settlements from settlement evolution, ecistic elements and settlement sustainability	1.1. Accuracy in interpreting the concept of slum management and low-income housing in Indonesia	Criteria: 1. Accuracy of definition and explanation 2. Activeness in discussion	Field survey	● 5x170" field survey	Primary and secondary surveys related to urban design in the study area	3%

Week (Lecturer)	Learning Materials	Indicator	Criteria & Form of Assessment	Learning Methods (Lecture / Assignment / other forms of learning)	Time (Duration)	Learning Material / Study Material [Literature]	Assessment Weight (%)
		1.2. Accuracy in explaining practical problems and innovations in solving slum and low-income housing problems in Indonesia.	Form of assessment: Mid Exam				
8 (TAR)	CLO 1 and 2		Criteria: 1. Accuracy of definition and explanation of understanding Form of assessment: Mid Exam				
9 (SRJ)	CLO 3 Able to evaluate settlement management systems based on the principles of housing - settlement principles,	1.1. Accuracy in explaining self-help housing procurement issues 1.2. Accuracy in explaining the principles and concepts of self-help housing procurement in Indonesia	Criteria: 1. Explanation of the definition of self-help house 2. Explanation of principles and concepts of self-help housing procurement globally and in Indonesia 3. Explanation of issues/problems/ constraints in the development of self-help houses Form of assessment: Final Exam	1. Lecture 2. Discussion	● Lecture: 2x170" ● Discussion/assis tance: 3x170"	Tan Willie, 2002 Permen PUPR No. 13/PRT/M/2016 Self-Help Housing Supporting locally driven housing solutions + Online material	10%

Week (Lecturer)	Learning Materials	Indicator	Criteria & Form of Assessment	Learning Methods (Lecture / Assignment / other forms of learning)	Time (Duration)	Learning Material / Study Material [Literature]	Assessment Weight (%)
10 (SRJ)	CLO 3 Able to evaluate settlement management systems based on the principles of housing - settlement principles,	1.1. Accuracy in explaining formal housing procurement issues 1.2. Accuracy in explaining the principles and concepts of formal houses in Indonesia	Criteria: 4. Explanation of the meaning of formal house 5. Explanation of principles and concepts of formal housing procurement globally and in Indonesia 6. Explanation of self-help housing procurement issues/problems/c onstraints Form of assessment: Final Exam	1. Lecture 2. Discussion	• Lecture: 2x170" • Discussion/assis tance: 3x170"		10%
11 (SRJ)	CLO 4 Able to evaluate the settlement housing financing system	1.1. Accuracy of explanation of the principles of private housing finance 1.2. Accuracy in explaining private housing financing calculations	Criteria: 1. Explanation of the definition of private housing finance 2. Explanation of principles and concepts of formal housing procurement globally and in Indonesia 3. Explanation of issues/problems/ constraints of private housing procurement	1. Lecture 2. Discussion	• Lecture: 2x170" • Discussion/assis tance: 3x170"	Payne, Geoffrey & Michael Majale, 2004 + Online material	8%

Week (Lecturer)	Learning Materials	Indicator	Criteria & Form of Assessment	Learning Methods (Lecture / Assignment / other forms of learning)	Time (Duration)	Learning Material / Study Material [Literature]	Assessment Weight (%)
			Form of assessment: Final Exam				
12 (SRJ)	CLO 4 Able to evaluate the settlement housing financing system	1.1. Accuracy in explaining the calculation of public/government sector housing financing 1.2. Accuracy in formulating the problem of the public/government sector housing financing system	Criteria: 1. Explanation of the definition of public/governm ent sector housing finance 2. Explanation of the principles and concepts of public sector housing procurement 3. Explanation of public housing procurement issues/problems/ constraints Form of assessment: Final Exam	1. Lecture 2. Discussion	• Lecture: 2x170" • Discussion/assis tance: 3x170"	Tiplle, A. Graham & Kenneth G. Willis, 2003 UNCHS, 2001 (Habitat) + Online material	8%
13 (SRJ)	CLO 4 Able to evaluate the settlement housing financing system	1.1. Accuracy in choosing and explaining methods in calculating residential housing needs	Criteria: 1. Precision of preferences and economic determination of Housing Design Form of assessment: Final Exam	1. Presentation 2. Discussion	• Presentation and discussion: 5x170"	Payne, Geoffrey & Michael Majale, 2004 + Online material	8%
14 (SRJ)	CLO 4 Able to evaluate the settlement housing financing system	1.1. Accuracy in describing the concept of sustainable housing	Criteria: 1. Explanation of the elements and concepts of	1. Workshop 2. Discussion	• Discussion/assis tance: 1x170" • 3D and animation	Jenkins, Paul, Harry Smith & Ya Ping Wang, 2007 +	10%

Week (Lecturer)	Learning Materials	Indicator	Criteria & Form of Assessment	Learning Methods (Lecture / Assignment / other forms of learning)	Time (Duration)	Learning Material / Study Material [Literature]	Assessment Weight (%)
		1.2. Accuracy in describing the elements of sustainability in settlements based on social, economic, and environmental dimensions	sustainability in the social, economic, and environmental dimensions of settlements Form of assessment: Tasks		assignment 4x170"	Online material	
15 (SRJ)	CLO 3, 4 Able to evaluate the settlement housing financing system	1.3. Accuracy in describing the problem of sustainable housing	Criteria: 2. Appropriateness of sustainable housing case selection 3. The accuracy of the explanation of the concept of sustainable housing in cases Form of assessment: Tasks	3. Workshop 4. Discussion	● Discussion/assistance: 1x170" ● Report Preparation 4x170"	Jenkins, Paul, Harry Smith & Ya Ping Wang, 2007 + Online material	10%
16 (SRJ)	Final Exam	1.1. Ability to present the final report				Final Report Presentation	