

## PL2106 Location and Land Use

Module designation	Location and Land Use
Semester(s) in which the module is taught	3 <sup>rd</sup> Semester (second year of undergraduate program)
Person responsible for the module	Dr. Fikri Zul Fahmi, S.T, M.Sc. Nurrohman Wijaya, S.T., M.T., M.Sc., Ph.D.
Language	Indonesian
Relation to curriculum	Compulsory course for the Undergraduate Program in Urban and Regional Planning
Teaching methods	Lecture and individual projects
Workload (incl. contact hours, self-study hours)	(Estimated) Total workload: around 9 hours per week x 16 weeks = 144 hours <ul style="list-style-type: none"> <li>• Face to face teaching: 42 hours (lecture)</li> <li>• Structured activities: 24 hours (lecture) and 24 hours</li> <li>• Independent study: 24 hours (lecture) and 24 hours</li> </ul> Exam: 6 hours
Credit points	3 CU/5 ECTS
Required and recommended prerequisites for joining the module	Basic course
Module objectives/intended learning outcomes	<ol style="list-style-type: none"> <li>1. Students are able to explain the relevance of various location and spatial theories in the real world</li> <li>2. Students are able to initiate forms of spatial policy interventions that can direct more optimal location decisions</li> <li>3. Students are able to determine the optimal location of various business activities based on various theoretical principles</li> <li>4. Students are able to understand and analyze aggregate problems that arise as implications of decisions to locate various activities</li> </ol>
Content	To learn and understand the role of location analysis in regional and urban planning, basic methods in location analysis, factors influence individual decision-making process through discussion of economic concept in the choice of business location, partial approach in selecting location, externality and social optimization in choosing location. Students will also learn spatial pattern developed as an aggregate implication of individual behaviour through the discussion of gradient phenomenon of urban population density, the concept of 'land rent' and 'land value' for agriculture and urban land, and monocentric and polycentric phenomena. To learn various spatial problems as the implications of the decision to locate and various approaches and basic ideas in conducting interventions that can influence the decision to locate.
Examination forms	Mid Exam (35%), Final Exam (35%), Group Assignment & Peer Review (20%), Class Activity (10%)
Study and examination requirements	<ul style="list-style-type: none"> <li>• Maximum absence of 20% (3x) with the requirement to submit a resume if absent.</li> <li>• Each meeting consists of 2 hours of lecture and 1 hour of assistance/workshop/exercise.</li> </ul>
Reading list	<ol style="list-style-type: none"> <li>1. McCann, P. (2013) Modern Urban and Regional Economics: Second Edition, (hlm 1-151). Oxford: Oxford University Press</li> <li>2. Anderson, W.P (2012) Economic Geography (hlm. 213-314). New York: Routledge</li> <li>3. O'Sullivan, A (2011) Urban Economics. McGraw Hill</li> </ol>