

PL3032 Infrastructure and Transportation Economics

Module designation	Infrastructure and Transportation Economics
Semester(s) in which the module is taught	5 th and 6 th Semester (third year of undergraduate program)
Person responsible for the module	Prof. Dr. Eng. Pradono, S.E, M.Ec.Dev.
Language	Indonesian
Relation to curriculum	Elective
Teaching methods	Lecture: 2 hours x 14 weeks per semester Assignments 1 & 2 before exam
Workload (incl. contact hours, self-study hours)	(Estimated) Total workload: 96 hours; 1 course x 2 CU <ul style="list-style-type: none"> • Face-to-face teaching: 28 hours (lecture) • Structured activities: 32 hours (lecture) • Exam: 4 hours Private study including examination preparation: <ul style="list-style-type: none"> • Independent study: 32 hours (lecture)
Credit points	2 CU/3.33 ECTS
Required and recommended prerequisites for joining the module	1. PL2031 Introduction to Urban and Regional Infrastructure 2. PL2151 Introduction to Economics
Module objectives/intended learning outcomes	1. Comprehends economic analysis for infrastructure and transportation 2. Apply economic tools of infrastructure and transportation in regional and urban planning context.
Content	This class provides an understanding of the principles and economic theory of infrastructure and transportation. Students will also be introduced to the management and policy aspects of infrastructure and transportation in the context of regional and city planning.
Examination forms	Mid Exam: 35 % Final Exam: 35 % Assignments 1: 15 % Assignments 2: 15 %
Study and examination requirements	1. Introduction to Infrastructure and Transportation 2. Introduction to Economics
Reading list	1. Gomez-Ibanez, Tye, and Winston, Essays in Transportation Economics and Policy: A Handbook in Honor of John R. Meyer, The Brookings Institution. 1999.[388 GOM e] 2. Alvin Goodman and Makarand Hastak. Infrastructure Planning Handbook: Planning, Engineering, and Economics 2006. [363 GOO] 3. José A. Gómez-Ibáñez, Regulating Infrastructure: Monopoly, Contracts, and Discretion. 2006. [E363.6 IBA r] 4. K.J. Button, Transport Economics (3rd Ed.) Edward Elgar, 2010 [Button]