

MODULE HANDBOOK

TRANSPORTATION GEOGRAPHY					
Module/Course Title	Student Workload	Credits	Semester	Frequency	Duration
8720202054	2 CU X 16 X 170'=90, 6618	2 CU / 3.18 ECTS	7 TH	ONCE YEAR	1 SEMESTER
1	Types of courses LECTURES PRACTICUM	Contact hours (2CU X 1,59 ECTS) X{(50:170')X 28,51 Workhours= 26,64	Independent Study (2CU X 1,59 ECTS) X{(60:170')X 28,51 Workhours= 31,96	Structured Study (2CU X 1,59 ECTS) X{(60:170')X 28,51 Workhours= 31,96	Class size MAX 45 STUDENT
2	Prerequisites for participation (if applicable) -				
3	Program Learning outcomes				
	PLO-3 Able to process, analyze, present geosphere data and information using geospatial technology for geography learning and research				
	PLO-5 Able to demonstrate independent and collaborative performance that produces quality and measurable results				
	PLO-9 Able to apply regional theory for sustainable regional planning and development				
	PLO-12 Able to work together, have social sensitivity, high concern for society and the environment				
	Course Learning Outcome (CLO)				
	CLO-3 Able to process, analyze, present regional data and information related to transportation problems using geospatial technology for geography learning and research				
	CLO-5 Able to demonstrate independent and collaborative performance that results in geographic studies related to transportation problems				

	CLO-9 Able to apply regional and environmental theory in the analysis of transportation problems in supporting regional development in a sustainable manner
	CLO-12 Demonstrate a responsible attitude towards traffic survey planning , observation , calculation and analysis of traffic survey results
4	Learning materials 1. Transportation geography concept 2. National transportation system 3. Transportation planning 4. City mode of transportation 5. Transportation problems and their solutions 6. Road capacity and vehicle equivalence 7. Traffic surveys 8. Analysis of traffic survey results with a geographical approach
5	Teaching methods <i>Project Base Learning</i>
6	Assessment methods <i>paper test</i>
7	This module/course is used in the following study programme/s as well -
8	Responsibility for module/course COMPULSORY/ELECTIVE*/
9	1. Miro, Fidel . 2012. Introduction to Transportation Systems. Erlangga. 2 . Miro, Fidel. 1997. <i>City Transportation System</i> . Transito Bandung. 3. Morlok, E. 2010 . <i>Introduction to Transportation Engineering and Planning</i> . Erlangga 4. Taaffe , EJ , Gauthiere H. L . , Kelly , M. E. , 1996. <i>Geography of Transportation</i> . 2nd ed. Printed in the United States of America.