CP234739 - Fiscal Impact Assessment

Module Name	Fiscal Impact Assessment
Module level, if applicable	Advance BoURP
Code, if applicable	CP234739
Subtitle, if applicable	-
Course, if applicable	Fiscal Impact Assessment
Semester(s) in which the module is taught	7th Semester
Person responsible for the module	Putu Gde Ariastita, S.T., M.T
Lecturer	Putu Gde Ariastita, S.T., M.T
Language	Indonesian, English
Relation to curriculum	Electives Courses for undergraduate program in Urban and Regional Planning
Type of teaching, contact hours	M1: Group discussion M7: Problem-based learning Lecture (Face to face lecture): 2.5 hours x 14 weeks 35 hours per semester
Workload	Enrichment (3 SKS) Class: 2.5 hours x 14 weeks = 35 hours Structured activities: 4 hours x 14 weeks = 56 hours Independent Study: 3 hours x 14 weeks = 42 hours Exam: 1.5 hours x 4 time = 6 hours Total = 133 hours
Credit points	3 SKS ~ 4.8 ECTS
Requirements according to the examination regulations	Registered in this course Minimum 80% attendance in this course
Recommended prerequisites	1. Urban Economics 2. Regional Economics 3. Development Funding
Module objectives/intended learning outcomes	***Specific knowledge:*** 1. Students able to apply the principal and methods of Construction effect cost analysis in solving development externality ***Specific skills*:** 1. Students able to solve construction cases based on cost effect analysis 2. Students able to use methods in construction effect cost analysis 3. Students able to formulate construction effect

<table>
<tr><td></td><td>cost analysis scenarios

Module Learning Outcome:
1. Students able to implement micro-economic theory
2. Students able to implement construction externality concept
3. Students able to implement goods and service theory
4. Students able to implement taxes theory
5. Students able to determine the internalization of externalities
6. Students able to implement cost projection methods
7. Students able to implement income projection methods
8. Students able to understand the concepts and application methods of Construction Effect Cost Analysis</td></tr>
<tr><td>Content</td><td>1. Construction Effect Cost Analysis Base Concepts
2. Economic-Micro Theory
3. Externality and Externality Internalization Defining Methods
4. Goods and service theory
5. Taxes theory
6. Cost Projection Methods
7. Income Projection Methods
8. Construction Effect Cost Analysis Implementation Concept and Methods
9. Construction Effect Cost Analysis Study Cases Discussion</td></tr>
<tr><td>Study and examination requirements and forms of examination</td><td>4 assessments:
<table><tr><th>Evaluation</th><th>Method</th><th>Weight</th></tr><tr><td>1</td><td>Group Assignment Presentation</td><td>20%</td></tr><tr><td>2</td><td>Quiz</td><td>30%</td></tr><tr><td>3</td><td>Critical Review</td><td>20%</td></tr><tr><td>4</td><td>Group Assignment Submission</td><td>30%</td></tr></table>
1. Group Assignment Presentation - Week 12
2. Quiz- Week 6
3. Critical Review - Week 10
4. Group Assignment Submission- Week 16</td></tr>
<tr><td>Media employed</td><td>Classical teaching tools with white board and power point presentation, audiovisual, zoom meeting, ITS online classroom.</td></tr>
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Reading list	Main reference: 1. Arnold, R., Arnold, D., & Arnold, D. (2022). Microeconomics. Cengage. 2. Miyao, T., & Kanemoto, Y. (2001). Urban Dynamics and Urban Externalities. Routledge. 3. Papandreoum, A.A. (1994). Externality and institutions. Clarendon Paperbacks. 4. Tresch. R.W. (2023). Public Finance: A Normative Theory 4th Edition. Academic Press: Oxford. 5. Yoshitsugu, K. (1980). Theories of urban externalities Supporting reference: 1. Ekici, F., Orhan, G., Gumus, O. Bahce, A.B. (2022). A Policy on the Externality Problem and Solution Suggestions in Air Transportation: The environment and sustainability. Energy, vol.257,1. https://doi.org/10.1016/j.energy.2022.124827. 2. Luttemer, E.F.P. (2022). Can Fiscal Externalities be Internalized? NBER. 3. Sanchez, J.M.T. (2021). Institutions and Externalities. Implications for Land Management. Land Matters. 4. Zhang, K. (2022). Externalities, Public Goods, and Lindahl Equilibrium. https://kunzhang.org/file/t/714/epgl.pdf.