

## Tárgytematika / Course Description

### Advanced Macroeconomics

KGNM\_NETA054

**Tárgyfelelős neve /**

**Teacher's name:** dr. Koppány Krisztián

**Félév / Semester:** 2019/20/1

**Beszámolási forma /**

**Assesment:** Vizsga

**Tárgy heti óraszám /**

**Teaching hours(week):** 2/0/0

**Tárgy féléves óraszám /**

**Teaching hours(sem.):** 0/0/0

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### OKTATÁS CÉLJA / AIM OF THE COURSE

This course provides an overview of models and methods of multiplicative economic impact analysis pervading in international literature, and illustrates their use with correct and comprehensible mathematical background through Hungarian applications and numerical examples.

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### TANTÁRGY TARTALMA / DESCRIPTION

Simple Keynesian income-expenditure multiplier models. Multiregion income-expenditure multiplier models. The structure of national input-output tables. Balancing and updating techniques. Input-output model & multipliers, analysing effect of final demand and structural changes. Hypothetical extractions and structural decompositions. Estimating regional input-output tables by non-survey methods. Regional input-output multipliers and impact analysis. International analysis. The structure of social accounting matrices (SAMs). Unconstrained and constrained SAM models and multipliers.

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### SZÁMONKÉRÉSI ÉS ÉRTÉKELÉSI RENDSZERE / ASSESSMENT'S METHOD

Students write an exam in the examination period. Marks can be obtained by writing two mid-semester exams, as well. Evaluation is based on the following grades: below 50% insufficient (1), 50-62% sufficient (2), 63-72% average (3), 73-82% good (4), 83% or above excellent (5).

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### KÖTELEZŐ IRODALOM / OBLIGATORY MATERIAL

Lesson materials.

Schaffer, W. A. (2010): Regional Impact Models. Georgia Institute of Technology, School of Economics, Revised (pdf) version, March 2010

Ambargis, Z. O., Mead, C. I. (2012): RIMS II. An essential tool for regional developers and planners. Bureau of Economic Analysis.

Miller, R. E., Blair, P. D. (2009): Input-Output Analysis. Foundations and Extensions, Cambridge University Press, Cambridge, Second Edition

Oosterhaven, J. (et al.) (2014): Interregional Input-Output Models. In: Fischer, M. M, Nijkamp, P. (2014): Handbook of Regional Science. Springer-Verlag Berlin Heidelberg pp. 875-901