

**Prof. Peter Nijkamp (Tinbergen Institute, Jheronimus Academy
of Data Science, 's-Hertogenbosch, The Netherlands)**

AMU Course Programme May 2018

Course: Modern trends in economic geography studies

The course aims to provide post-graduate students with an up-to-date and informed insight into recent developments in the study of geographically interconnected regions, cities and actors. The course should provide students with skills and experiences which would allow them to study recent publications in the international literature, both articles and books. Each individual lecture will start with a sketch of the relevance of a given topic, the current theoretical framing in the context of historical contributions, recent empirical developments and trends in different parts of the world, methods and frameworks to study and understand these phenomena, and outlines and presentations of policy analyses or management in empirical practice.

The overall structure will be based on 5 elements:

- New theoretical and conceptual frameworks for analysing spatial dynamics and growth.
- An inventory of modern trends in geographical reality like the rise in spatial mobility.
- A comprehensive review of the worldwide trend toward more urbanized patterns of living.
- The rapidly increasing trend to map out geographical phenomena through digital information (using e.g. GIS and geo-science).
- The need for integrated, informed spatial decision making, using inter alia big data.

Main literature

- M. Fischer and P. Nijkamp, Handbook of Regional Science, Springer, Berlin, 2014.
- R. Capello and P. Nijkamp, Handbook of Regional Growth and Development Theories, Edward Elgar, Cheltenham, 2009.

Monday May 7th

15.00 - 16.30 - Lecture

16.30 - 16.45 - Break

16.45 - 18.15 - Lecture

New theories of regional economic growth

- Traditional location theory
- Conventional regional economic growth theory
- Endogenous growth theory
- New economic geography
- Capabilities theory
- Resourceful regions and territorial capital analysis

Literature:

- R. Capello and P. Nijkamp, Handbook of Regional Growth and Development Theories, Edward Elgar, Cheltenham, 2009,
- Handouts during the course.

Tuesday May 8th

13.00 - 14.30 - Lecture

14.30 - 14.45 - Break

14.45 - 16.15 - Lecture

New trends in geographical studies

- Homo mobilis' in geographical space:
 - Migration
 - Tourism
 - Activity-based theory
- The catalyst role of entrepreneurship
 - Schumpeterian risk-taker
 - Global competition
 - Local migrant entrepreneur
- Urban and regional strategic performance analysis

Literature:

- M. Fischer and P. Nijkamp, Handbook of Regional Science, Springer, Berlin, 2014,
- Handouts/slides.

Wednesday May 9th

13.00 - 14.30 - Lecture

14.30 - 14.45 - Break

14.45 - 16.15 - Lecture

The 'New Urban World'

- The geography of the 'urban century'
- Urban competitiveness and globalization
- Actor-oriented and participatory urban geography
- Cultural heritage and urban dynamics

Literature:

- M. Fischer and P. Nijkamp, Handbook of Regional Science, Springer, Berlin, 2014,
 - Handouts/slides.
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Thursday May 10th

13.00 - 14.30 - Lecture

14.30 - 14.45 - Break

14.45 - 16.15 - Lecture

The digital space-economy

- The cyberspace world
- The 'death of distance'
- Social media in urban networks

Literature:

- M. Fischer and P. Nijkamp, Handbook of Regional Science, Springer, Berlin, 2014,
 - Handouts/slides.
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Friday May 11th

10.00 - 11.30 - Lecture

11.30 - 11.45 - Break

11.45 - 13.15 - Lecture

Decision-making processes in urban planning

- Urban complexity
- Big data
- Urban dashboards

Literature:

- M. Fischer and P. Nijkamp, Handbook of Regional Science, Springer, Berlin, 2014,
 - Handouts/slides.
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Course: Publishing in international journals and individual consultation of research problems

Tuesday May 8th

9.30-12.00 Introduction, schedule-making

Wednesday May 9th

9.30-12.00 Consultation office hours on publication strategy/ publication projects.

Thursday May 10th

9.30-12.00 Consultation office hours on publication strategy/ publication projects.

Attention: Additional special consultations will be possible on individual agreed dates.

Simplified schedule

Monday May 7th

15.00 - 16.30 - Lecture
16.30 - 16.45 - Break
16.45 - 18.15 - Lecture

Tuesday May 8th

9.30 - 12.00 - Consultation/Course: Publishing
12.00 - 13.00 - Break
13.00 - 14.30 - Lecture
14.30 - 14.45 - Break
14.45 - 16.15 - Lecture

Wednesday May 9th

9.30 - 12.00 - Consultation/Course: Publishing



12.00 - 13.00 - Break
13.00 - 14.30 - Lecture
14.30 - 14.45 - Break
14.45 - 16.15 - Lecture

Thursday May 10th

9.30 - 12.00 - Consultation/Course: Publishing
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