

5.0 credits	30.0 h	2q
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Teacher(s) :	Mariani Fabio ;
Language :	Anglais
Place of the course	Louvain-la-Neuve
Main themes :	<p>The course is organized in seven main themes, with an application, a specific topic or tool for each theme.</p> <ol style="list-style-type: none"> 1. Growth and development : a millennial perspective. Special topic : The demographic transition 2. Stylized facts of modern economic growth, and growth accounting. Special topic: The productivity slowdown puzzle. 3. The Solow-Swan neoclassical model. Application: Analyzing the consequences of AIDS crisis in Africa with the Solow-Swan model. 4. Optimal growth. Special tool: Phase diagrams for the analysis the dynamic consequences of economic policy. 5. Endogenous growth theory: the AK model. Special topic: The Jones-McGrattan controversy. 6. Endogenous growth: Human capital and public expenditures. 7. Endogenous growth: Technological progress. Special topic: IT revolution and the Solow paradox.
Aims :	<p>This course introduces to the essential historical, empirical and theoretical features of economic growth and development. Several applications will be provided along the way to illustrate the theories developed (see be-low).</p> <p><i>The contribution of this Teaching Unit to the development and command of the skills and learning outcomes of the programme(s) can be accessed at the end of this sheet, in the section entitled "Programmes/courses offering this Teaching Unit".</i></p>
Content :	See outliness above.
Other infos :	<p>None</p> <p>Written exam</p> <p>Robert Barro et Xavier Sala-i-Martin, Economic Growth, McGraw-Hill , 1995</p> <p>John Cuddington and John Hancock, "Assessing the Impact of AIDS on the Growth Path of the Malawian Economy", Journal of Development Economics 43, 363-368, 1995.</p> <p>Angus Maddison, The World Economy : a Millennial Perspective, OECD Development Center, 2001.</p> <p>Ellen McGrattan, "A Defence of the AK Growth Model", Federal Reserv Bank of Minneapolis Quarterly Review 22, 13-27, 1998</p> <p>The Economist, Survey on the New Economy, 2000.</p>
Cycle and year of study :	<p>> Master [120] in Mathematical Engineering</p> <p>> Master [120] in Economics: General</p> <p>> Master [60] in Economics : General</p>
Faculty or entity in charge:	ECON