University of Gdańsk

Subject card

Subject name and code	Economic Growth and Development, PG_00202495		
Field of study	Economics, International Economic Relations, International Business, Logistics and Mobility		
Date of commencement of studies	October 2025	Academic year of realisation of subject	2026/2027
Education level	Master’s studies	Subject group	Obligatory subject group in the field of study Optional subject group
Mode of study	full-time studies	Mode of delivery	at the university
Year of study	2	Language of instruction	English English
Semester of study	3	ECTS credits	5.0
Learning profile	academic	Assessment form	credit
Conducting unit			
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. Stanisław Umiński	
	Teachers		

Lesson types							
	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	30.0	0.0	0.0	0.0	0.0	30
	E-learning hours included: 0.0						

Learning activity and number of study hours					
	Learning activity	Participation in didactic classes included in study plan	Participation in consultation hours	Self-study	SUM
	Number of study hours	30	0.0	95.0	125

Subject objectives	This course analyzes the long-term determinants of economic growth and development across countries. It begins with the empirical regularities of global growth and introduces the main theoretical frameworks for explaining differences in productivity, income, and living standards. The course covers neoclassical and endogenous growth theories, the role of technological progress and human capital accumulation, and the mechanisms of technological diffusion. It also examines the deeper determinants of economic development, including geography, institutions, and globalization. The course concludes with an overview of empirical methods used in modern growth research and a discussion of policy implications for sustainable long-run development.

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[IBL3_U01] can interpret and explain economic phenomena, analyse their causes, course and connections within these phenomena using the acquired knowledge of international business, economics and finance and complementary disciplines	Student is able to interpret and explain economic growth and development phenomena and their interrelationships.	[SU2] presentation/project/paper/ report
	[EKONL3_W03] knows the relations between economic agents and social organisations operating in the national, international and intercultural arenas	Student understands relationships between economic actors and institutions in the global economy.	[SW2] presentation/project/paper/ report
	[IBL3_W04] has a structured knowledge of the world economy, international economic and financial processes and their role in shaping the international business environment	Student has structured knowledge of the global economy and long-run economic development processes.	[SW2] presentation/project/paper/ report
	[IBMU2_U01] can creatively interpret, explain and analyse complex economic phenomena and the relations occurring between them, using the acquired knowledge in international business and international economic and financial relations	Student is able to analyse relationships between economic growth, technological change, and globalization.	[SU2] presentation/project/paper/ report
	[MSGMU2_K03] is ready to actively participate in groups, organisations and institutions conducting professional projects concerning the functioning of economic entities in the conditions of globalisation and the development of integration processes	Student is ready to participate in projects and discussions related to economic development and globalization.	[SK2] presentation/project/paper/ report
	[EKONMU2_U01] can creatively interpret and explain economic and social phenomena and relations between them, using acquired knowledge of economics, finance and management sciences	Student is able to interpret and explain economic growth and development processes using economic theories and models.	[SU2] presentation/project/paper/ report
	[IBMU2_K05] is ready independently identify, diagnose and resolve dilemmas and alternative solutions related to international business	Student is prepared to identify and analyse challenges related to economic growth and development.	[SK2] presentation/project/paper/ report
	[MSGL3_K04] is ready to think and act in an entrepreneurial manner; adapts to new situations and conditions, undertakes challenges of creative thinking; is resilient to failures; can identify threats and assess the risk of their occurrence	Student is prepared to think critically and adapt to changing economic and development conditions.	[SK2] presentation/project/paper/ report
	[MSGMU2_W03] knows and understands types of economic ties and the regularities governing them; understands the conditions and principles of the functioning of the market and the market mechanism in the national, international and global aspect	Student understands economic mechanisms and development processes in national and global contexts.	[SW2] presentation/project/paper/ report
	[EKONL3_K02] is aware of the level of knowledge in the field of economics and understands the need to deepen and update this knowledge throughout life	Student understands the need for continuous learning in economics and development studies.	[SK2] presentation/project/paper/ report
	[MSGL3_U06] can identify selected risks related to international operations of enterprises and assess their consequences correctly	Student is able to identify development-related economic risks and assess their consequences.	[SU2] presentation/project/paper/ report

	Course outcome	Subject outcome	Method of verification
	[EKONL3_U02] is able to use the knowledge of theory and data to analyse concrete economic and social processes and phenomena and to analyse these phenomena using methods developed in economics, finance and management sciences	Student is able to use theoretical knowledge and empirical data to analyse economic development processes.	[SU2] presentation/project/paper/ report
	[IBMU2_W06] has in-depth knowledge of the world economy, economic ties and the regularities governing them, principles of global market functioning and international economic and financial relations as well as the process of their evolution; understands the causes, regularities and consequences of occurring changes;	Student understands the main determinants of long-run economic growth and development, including technological progress, globalization, and institutional change.	[SW2] presentation/project/paper/ report
	[MSGMU2_U02] can observe, evaluate and critically analyse the causes and course of processes and phenomena taking place in the open economy; can formulate his/her own opinions on the subject, interpret statistical data and economic indicators necessary in this respect, and also forecast economic processes and phenomena using advanced methods and tools applied in economic sciences	Student is able to analyse economic growth processes using statistical data, economic indicators, and empirical methods.	[SU2] presentation/project/paper/ report
	[MSGL3_W03] has an advanced and structured knowledge of the world economy and international economic relations; understands the process of their evolution, including its causes and consequences	Student has knowledge of global economic development processes and differences in income and productivity across countries.	[SW2] presentation/project/paper/ report
	[EKONMU2_K03] inspires and organises preparation of economic and social projects, following the idea of sustainable development, reconciling legal, economic, ecological, political and social requirements	Student is able to participate in socio-economic projects related to sustainable growth and development.	[SK2] presentation/project/paper/ report
	[EKONMU2_W03] has a knowledge of relations between economic phenomena, entities and organisations as well as public institutions functioning in the national, international and intercultural spheres	Student understands relationships between economic institutions, globalization, and development processes.	[SW2] presentation/project/paper/ report
	[IBL3_K01] is ready to recognise the importance of knowledge in the field of international business in identifying and solving business theoretical and practical issues; is ready to consult with experts in case of facing difficulties in solving business issues individually	Student recognises the importance of economic knowledge in understanding development challenges and is ready to consult experts when necessary.	[SK2] presentation/project/paper/ report

<table>
<tr><td>Subject contents</td><td colspan="3">1. Introduction to Economic Growth and Development
2. Stylized Facts of Economic Growth
3. Stages of Economic Development
4. Neoclassical Growth Theory
5. Extensions of the Solow Model
6. Convergence in Economic Growth
7. Growth Accounting
8. Endogenous Growth Theory
9. Innovation and Creative Destruction
10. Technology Diffusion
11. Geography and Economic Development
12. Institutions and Economic Growth
13. Globalization and Development
14. Growth and Development Econometrics
15. Growth Policy and Long-Term Development</td></tr>
<tr><td>Prerequisites and co-requisites</td><td colspan="3"></td></tr>
<tr><td rowspan="3">Assessment methods and criteria</td><td>Subject passing criteria</td><td>Passing threshold</td><td>Percentage of the final grade</td></tr>
<tr><td>Final presentation of team preport</td><td>50.0%</td><td>40.0%</td></tr>
<tr><td>Final team report</td><td>50.0%</td><td>60.0%</td></tr>
<tr><td rowspan="3">Recommended reading</td><td>Basic literature</td><td colspan="2">Jones, C. I. (2013). Introduction to economic growth (3rd ed.). W. W. Norton & Company.

Todaro, M. P., & Smith, S. C. (2020). Economic development (13th ed.). Pearson.

Weil, D. N. (2013). Economic growth (3rd ed.). Pearson.</td></tr>
<tr><td>Supplementary literature</td><td colspan="2">Acemoglu, D. (2009). Introduction to modern economic growth. Princeton University Press.

Aghion, P., & Howitt, P. (2009). The economics of growth. MIT Press.</td></tr>
<tr><td>eResources addresses</td><td colspan="2"></td></tr>
</table>

Example issues/ example questions/ tasks being completed	• Why do some countries grow faster than others? • Sources of long-run economic growth and development • The role of technological progress in economic growth • Human capital and productivity growth • Convergence and divergence in the global economy • Economic consequences of globalization • Geography as a determinant of economic development • Institutions and long-run economic performance • Innovation and creative destruction in modern economies • Technology diffusion between developed and developing countries • The Solow growth model and its extensions • Endogenous growth theory and innovation-based growth • Growth accounting and productivity measurement • Sustainable economic growth and development challenges • Empirical analysis of economic growth using cross-country data • Economic growth in developed and developing economies • The role of international trade in economic development • Demographic change and long-run growth prospects • Growth policies and development strategies • Global inequalities in income and living standards
Work placement	Not applicable