

Course title:	Advanced microeconomics
Course title in Polish:	Mikroekonomia zaawansowana
Course for discipline:	Economics and Finance

Semester:	3	Status of course:	faculty	Language:	english
Academic year:	2026/27	Catalog number:	110/2025/26		

Coordinator of course:	dr hab. Alina Danilowska, associate professor
Lecturer od course:	dr hab. Alina Danilowska, associate professor, Dr Monika Utzig
Executing unit:	Department of Economics and Economic Policy
Ordering unit:	Doctoral School SGGW
Assumptions, goals and description of the course:	selected problems in the theory of microeconomics Thematic scope of classes: Game theory and its application in microeconomics. Economics of scale and scope. Determinants of market structures. The problem of entry and exit to/from industries. Models of market structures: perfect competition and monopoly, monopolistic competition, and oligopoly in the conditions of a homogeneous and differentiated product. Price differentiation. Monopoly practices and ventures. Deadweight loss of a monopoly. Monopoly from the perspective of different schools of economics. Contemporary theories of the enterprise.
Didactic form, number of hours:	15 hours
Teaching methods:	Lectures. Algebraic and graphical analyses. Analyses and discussion on the subject literature. Discussion. Consultations
Limit of people in the group:	

Learning outcomes

KNOWLEDGE - the graduate knows and understands:	SKILLS - the graduate is able to:	COMPETENCES - the graduate is ready to:
To the extent enabling to revise the existing paradigms in the field/discipline - the world achievements, gathering theoretical background as well as general and selected detailed issues	Carry out critical assessment of the scientific research findings and expert activities and their contribution to the knowledge development in the field/discipline	Critically evaluate the achievements in the field/discipline represented
Major general development trends in the field/discipline		Recognise knowledge in solving cognitive and practical problems characteristic for the area of research (field/discipline) and in an interdisciplinary aspect
		Support the ethos of scientific circles and conduct independent research
The method of verification of learning outcomes:	Assessment of student activity during lessons. Exam	
Form of documentation of achieved learning outcomes:	Exam report, list of students' attendance at classes and activity	
Elements and weights of the final grade:	Activity during classes - 30%, Exam - 70%	
Place of the course:	Didactic rooms of WULS-SGGW	

Basic and supplementary literature

Basic literature:	
1. Varian, H. R. (2019). Intermediate Microeconomics: A Modern Approach. WW Norton& Co.	2.
Begg, D., Vernasca, G., Fischer, S., and Dornbusch, R. (2020). Economics. McGraw-Hill Education-Europe.	
3. Tirole, J. (1988). The Theory of Industrial Organisation, The MIT Press.	
Supplementary literature:	
1. Adams, W., Yellen, J. (1976). Commodity Bundling and the Burden of Monopoly," Quarterly Journal of Economics, Vol. 90, 475-98.	
2. Arrow K. (1975). Vertical Integration and Communication, Bell Journal of Economics, vol.6, no. 1, 173-183.	
3. Dixit, A., and Stiglitz, J. (1977). Monopolistic Competition and Optimum Product Diversity. American Economic Review Vol. 67., 1977, 297-308.	
4. Friedman, J., Game Theory With Application to Economics, Oxford University Press, Oxford 1990.	
5. Nash, J. F. 91950). The Bargaining Problem, Econometrica, Vol. 18., 155-162	
6. Perry, M., and Porter, R. (1985). Oligopoly and the Incentive for Horizontal Merger," American Economic Review, Vol. 75, 219-227.	
7. Roberts, J., and Sonnenschein, H. (1977). On the Foundations of the Theory of Monopolistic Competition, Econometrica, Vol. 75., 101-113.	
8. Shaked, A., and Sutton, J. (1990). Multiproduct Firms and Market Structure, Journal of Economics, Vol. 21, No 1 , 54-61.	9.
Williamson, O. (1985). The economic institutions of capitalism. The Free Press. A Division of Macmillan, Inc.	
Comments:	

Estimated number of hours of work of the doctoral student necessary to achieve the assumed learning outcomes:	40
--	----

Learning outcomes reference to the second degree characteristics of the National Qualification Framework (level 8) covering doctoral competences:

Symbol:	Learning outcomes:	8 level NQF
SD1_KW01	To the extent enabling to revise the existing paradigms in the field/discipline - the world achievements, gathering theoretical background as well as general and selected detailed issues	P8S_WG
SD1_KW02	Major general development trends in the field/discipline	P8S_WG
SD1_KU05	Carry out critical assessment of the scientific research findings and expert activities and their contribution to the knowledge development in the field/discipline	P8S_UW
SD1_KK01	Critically evaluate the achievements in the field/discipline represented	P8S_KK

SD1_KK03	Recognise knowledge in solving cognitive and practical problems characteristic for the area of research (field/discipline) and in an interdisciplinary aspect	P8S_KK
SD1_KK08	Support the ethos of scientific circles and conduct independent research	P8S_KR