

Competence matrix

Knowledge

PhD student receives three sets of knowledge. First one are general courses including mainstream economics, which are compulsory and common to all doctoral students. It consists primarily of selected topics of advanced macroeconomics, microeconomics and quantitative methods.

After completion of lecture, doctoral student knows various ways of constructing macroeconomic models. In particular, he/she knows neoclassical and new theories of economic growth and their implications for economic policies as well as side effects of various types of taxes and strengths and weaknesses of different retirement systems. Doctoral student analyses: correctness of consumer choice, principles guiding choice of technology in enterprises, social optimum of market prices, possibility to aggregate individual preferences into social ones. Doctoral student also gains knowledge about the analytical techniques, necessary to critical analysis of scientific literature in the area of macroeconomics and econometrics.

Thanks to the second group of courses doctoral students have a possibility to deepen their specialized knowledge as part of the field-of-study courses conducted by eminent specialists in their fields. The choice of specific courses occurs after consultation with the supervisor and is strictly connected to the area of research conducted as the basis for the future doctoral dissertation.

The third group of courses is composed of supplementary disciplines (Academic Writing, didactic course and lecture on methodology of economic sciences). An important role is also played by doctoral seminar, during which doctoral studies obtain knowledge related to preparation and skills of presentation and discussion over a chosen economic problem. This third group of courses allows students to obtain knowledge about tools necessary for properly carrying out the role of researcher and teacher.

Doctoral student fluently knows the current scientific literature in the area of macroeconomics, microeconomics and finance and advanced quantitative methods and can apply them to solve specific economic problem.

Skills

Acquired knowledge, both theoretical and practical will allow for independent conducting research in the economic field at a high scientific level. Doctoral student can formulate and assess significance of the original economic problem from theoretical perspective and determine its importance against the background of current research in this area. For formulated research problem he/she can choose the correct research method in accordance with newest scientific achievements. He/She can also choose the data necessary to conduct research. Doctoral student can precisely interpret obtained results and its significance in relation to similar current research. He/She can identify value added from the conducted research.

Doctoral student during participation in doctoral seminar acquires skills necessary to conduct scientific discussions on the advanced level, particularly in the area of his/her specialty, is open to various streams of economics and methodological approaches. Doctoral students possesses ability to conduct academic classes in all basic areas of economics as well as advanced courses in the area of his/her specialization.

Doctoral student possesses skills to cooperate in research and build research team, create and use appropriate databases, present research results in the form of scientific papers and conference articles and presentations and to network with international researchers.

Social competences

Doctoral student knows the rules of ethical conduct especially in carrying out scientific research. He/She tries to ensure replication of presented research results. Doctoral student has an ability to popularise economic knowledge.

Doctoral student has awareness of necessity to develop the knowledge and research methods continuously and to follow the newest trends and thus the systematic work to develop the knowledge and professional competences.

Doctoral student understands the importance of problems, their significance to the society and thanks to his/her knowledge is able to participate in essential social discussions.