

## **METHODOLOGY OF SCIENTIFIC RESEARCH**

**Financial Economics Faculty**

**Year of study: 5<sup>th</sup>**

**Credits: 3 ECTS**

**Practical classes: 108**

**Optional**

**Lecturers: Professor O.Galushko**

**Purpose:** learning methodology, methods and techniques of research necessary to improve the financial relations at the state, regions and enterprises level.

**Objective:** to form an idea of the stylistic features of scientific presentation and basic forms of scientific papers; to master the skills of writing a research, selecting and analyzing scientific sources, formulating the aims, objectives and relevance of scientific research; selection and use of scientific methods; scientific justification of research results.

**Subject:** system of methodological principles of research structure formation and research conduct.

**Content of the subject is revealed in the topics:** Subject and objectives of the discipline. Essence and elements of research. Research methods in determining the dynamics of financial processes. Research methods in the analysis of structural changes in financial processes. The use of economic and mathematical optimization models in research of financial processes. Use of mathematical modeling of financial processes in enterprises. Prediction of financial performance. Statutory requirements for the layout, publishing and testing research in finance. Implementation and effectiveness of research in finance.

**Supporting lectures and practical classes:** computer, multimedia equipment, didactic materials.

**Assessment:** written test, performance of individual tasks, test, lecture and practical modules, examination.

**Teaching methods:** interactive (thought-provoking) lectures, role plays, case studies, business simulations.

**Instructional support:** reference compendium of lectures, teaching materials, control tests.

**Examination method:** written test.

**Registration for the course:** none.

**Registration for the exam:** as scheduled.

**Language:** Ukrainian or Russian.