



Faculty: FACULTY OF TELECOMMUNICATIONS AND MANAGEMENT

Department: MANAGEMENT IN COMMUNICATIONS

Professional Field: 3.7. ADMINISTRATION AND MANAGEMENT

Doctoral degree program: ORGANIZATION AND MANAGEMENT IN TELECOMMUNICATIONS AND POST

Educational-scientific degree: PhD

LEARNING COURSE DESCRIPTION

1. Course title: *METHODOLOGY OF SCIENTIFIC RESEARCH AND DISSERTATION WORK*

2. Course code: ДЗ.1.X.X.04

3. Type of the course: *Compulsory*

4. Level: *PhD*

5. Number of credits: 9

6. Name of the lecturer: *Prof. Dr. Miglena Petrova Temelkova, Assoc. Prof. Ivaylo Tsvetanov Stoyanov, PhD, Assoc. Prof. Eng. Plamen Tsvetanov Pavlov, PhD*

7. Course learning outcomes:

The aim of the course is to give doctoral students in a systematic way fundamental guidelines for the methodology of scientific and empirical research methods.

Basic knowledge of the specifics of scientific and empirical research and their use in the development of dissertations.

The practical skills for studying a certain object, in order to reveal the regularities for its origin and development.

Competencies: Upon completion of the course, doctoral students who have successfully completed the course must have mastered the theoretical and practical possibilities of scientific and empirical research methods.

8. Teaching methods:

The material is presented in the form of a theory, which is accompanied by examples from academic practice. Significant attention is paid to the discussions and examples of the mechanisms of the methodological and empirical foundations of scientific research.

9. Prerequisites:

Doctoral students should have in-depth knowledge in the field of organization and management of economic entities in the "Communications" sector.

Courses using the discipline - all included in the curriculum of the doctoral program.

10. Course contents:

The course deals with scientific research, research methodology, problem analysis and hypotheses, experimental research, data, results and analysis, language and style of the dissertation, basic requirements for dissertation work, dissertation abstract, preparation for defense of the dissertation, main questions of doctoral students and young scientists.

11. Bibliography

Basic literature:

1. **Тасев, Г.** Методични основни на научните изследвания, София, 2004.
2. **Закон за развитието на академичния състав в Република България** (Обн. ДВ. бр.38 от 21 Май 2010г., изм. ДВ. бр.81 от 15 Октомври 2010г., изм. ДВ. бр.101 от 28 Декември 2010г., изм. ДВ. бр.68 от 2 Август 2013г., изм. и доп. ДВ. бр.30 от 3 Април 2018г., изм. ДВ. бр.17 от 26 Февруари 2019г., изм. ДВ. бр.17 от 25 Февруари 2020г.).
3. **Правилник за прилагане на Закона за развитието на академичния състав в Република България** (Приет с ПМС № 202 от 10.09.2010 г., обн. ДВ. бр.75 от 24 Септември 2010г., изм. ДВ. бр.19 от 8 Март 2011г., изм. ДВ. бр.9 от 31 Януари 2012г., изм. ДВ. бр.62 от 12 Юли 2013г., доп. ДВ. бр.60 от 22 Юли 2014г., изм. ДВ. бр.57 от 28 Юли 2015г., изм. и доп. ДВ. бр.56 от 6 Юли 2018г., изм. и доп. ДВ. бр.15 от 19 Февруари 2019г.).
4. **Правила за условията и реда за придобиване на научни степени и заемане на академични длъжности във ВУТ.**

Additional literature:

1. **Гаврилов, Е.** Основи на научните изследвания, Варна, 2014.
2. **Тончева, Р.** Системни докторантски провали: докторантски курс по методология и методика на научните изследвания. ИК на УНСС, 2017.

12. Assessment methods and criteria:

The exam takes the form of a test on the theoretical material, taking into account the activity of doctoral students during the training process.

1.Requirements for the assessment of the six-point system

Assessment weight: Assessment in the learning process - developed tasks or case studies during the course - carries 50% weight in the final assessment.

2. Formation of the final mark

The evaluation of the results is done according to pre-set criteria (up to 50% completed tasks - Poor 2; up to 70% - Medium 3; up to 80% - Good 4; up to 90% - Very good 5 and over 91% - Excellent 6.).

13. Language of instruction: *Bulgarian*