### Course title
Research Methodology of Economics

### ECTS code
14.3.EE.OR.878

### ECTS credits
3

### Name of unit administrating study
KET

### Field of study
Economics

### Field of specialisation
NONE;

### Teaching staff
Jan Burnewicz, Professor ; Monika Bąk, Associate Professor

### Number of hours

<table>
<thead>
<tr>
<th>Lectures</th>
<th>Classes</th>
<th>Tutorials</th>
<th>Laboratory</th>
<th>Seminars</th>
<th>Language classes</th>
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### Forma aktywność

<table>
<thead>
<tr>
<th>Year&amp;Type of studies*</th>
<th>Semester:</th>
<th>1-2,</th>
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<tr>
<td>Hours with the participation of the academic teacher (including office hours, exams, others):</td>
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<td>Hours without the participation of the academic teacher (student's self-study, homeworks):</td>
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<td>Total number of hours:</td>
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### Teaching form
in-class learning

### Teaching methods
Lectures including multimodal presentations,

### Prerequisites (required courses and introductory requirements)

#### Required courses
Basic skills in writing scientific text approved by MA/MSc or similar diploma

#### Introductory requirements
English language
Technology of information

### Assessment method, forms and criteria

#### Assessment method
Course completion (graded)

#### Assessment criteria
Essay on the hypothesis of phd thesis

- grading scale:
  - 0-20 p. - Failure
  - 21-24 p. - Acceptable
  - 25-28 p. - Adequate
  - 29-32 p. - Good
  - 33-36 - Very Good
  - 37-40 p. - Excellent

### Course objectives
The objective of the course is to teach doctoral students to explore and study in the economic research area and to prepare to write PhD thesis. The expected effect of the course is also to present a wide thematic panorama of contemporary economics with a special emphasis put on the aspects demanding scientific exploring.

### Learning outcomes

#### Knowledge
- E3_W01 PhD student is familiar with the main stream and modern economic theories, knows their place and significance in the system of science and knows the material and functional scope of observation, analysis and economic evaluation [+++]
- E3_W03 Student has a thorough knowledge on modern methods and instruments of economic research, is able to solve problems and economic and social dilemmas [++]
- E3_W05 Student knows and understands the principles and system of protection of industrial property and copyright law [++]

### Verification of learning outcomes - Knowledge

<table>
<thead>
<tr>
<th>Outcomes</th>
<th>written exam</th>
<th>oral exam</th>
<th>test</th>
<th>essay/paper/portfolio</th>
<th>tasks/homeworks</th>
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<td>Skills</td>
<td>E3_U02</td>
<td>PhD student can make use of proven cost-effective test procedures and make a critical evaluation of the existing economic results of scientific research [+++]</td>
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<td>E3_U03</td>
<td>Student is able to create an economic research hypothesis and apply adequate methods of verification [+++]</td>
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<td>E3_U10</td>
<td>Student is able to create effective and efficient research projects on different economic issues [++]</td>
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<td>E3_U11</td>
<td>Student is able to elaborate synthesis of research results and to present them to public appearances [++]</td>
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### Outcomes - Attitudes

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### Course contents

1. Basic concepts and characteristics of contemporary economic research
2. Methodology as a basis of the economic research evolution
3. Formulating economic problems and subjects of study
4. The essence and elements of economic research process
5. Techniques and instruments of contemporary economic research
6. Scientific knowledge sources and data sources, application in economic studies
7. Forms and rules of rational economic reasoning (analogy, induction, deduction, comparisons, analysis and synthesis, models and simplifications)
8. Standards of scientific study elaboration

### Recommended reading lists

**Key readings:**


**Additional readings:**

Contact

ekojb@ug.edu.pl, monika.bak@ug.edu.pl,

* SS1- undergraduate studies  * SS2 - graduate studies  * SDang - doctoral studies
** MSG - International Economic Relations