

SYLLABUS – A COURSE DESCRIPTION

I. General information

1. Course name: Introduction to research methodology
2. Course code: **15-ITRM-EL-11** ([Link USOSWeb](#))
3. Course type (compulsory or optional): compulsory
4. Study programme name: English Linguistics: Theories, Interfaces, Technologies
5. Cycle of studies (1st or 2nd cycle of studies or full master's programme): 1st cycle
6. Educational profile (general academic profile or practical profile): **academic**
7. Year of studies (if relevant): II
8. Type of classes and number of contact hours (e.g. lectures: 15 hours; practical classes: 30 hours): practical classes: 30 hours
9. Number of ECTS credits: 3
10. Name, surname, academic degree/title, email address of the course lecturer / other teaching staff*: Dr. Katarzyna Jankowiak
11. Language of instruction: English
12. Online learning - yes (partially / fully) / no : yes (fully)

*please underline course coordinator's name

II. Detailed information

1. Course aim (aims)

- AIM1: To provide students with knowledge about concepts and topics related to research methods in linguistics.
- AIM2: To provide students with knowledge about behavioral and neuroimaging methods, along with their applications, in linguistic research.
- AIM3: To develop students' skills in formulating research questions and hypotheses.
- AIM4: To develop students' skills in selecting research methods and tools to be employed in linguistic research.
- AIM5: To develop students' skills in critically interpreting and drawing conclusions from studies employing particular research methods.
- AIM6: To provide students with knowledge about ethical aspects of conducting research with human participants.

2. Pre-requisites in terms of knowledge, skills and social competences (if relevant)

basic knowledge about linguistics; English- level B2.

3. Course learning outcomes (EU) in terms of knowledge, skills and social competences and their reference to study programme learning outcomes:

Course learning outcome symbol (EU)	On successful completion of the course and validation of its learning outcomes, a student:	Reference to study programme learning outcomes
ITRM_01	is familiar with concepts and topics related to research methods in linguistics	K_W02, K_W03, K_W04
ITRM_02	is familiar with behavioral and neuroimaging methods, along with their applications, in linguistic research	K_W02, K_W03, K_W04

Z komentarzem [PK1]: We suggest using 5-6, expressed as actions: defines, distinguishes, understands, etc. These outcomes should be testable using the assessment methods listed later below as well as associated with the teaching contents of the course (given in the next table).

Z komentarzem [PK2]: Find LO for relevant „kierunek” here: http://wa.amu.edu.pl/wa/pl/efekty_ksztalcenia

ITRM_03	knows how to formulate research questions and hypotheses	K_U03, K_U08, K_U10, K_U14
ITRM_04	knows how to select research methods and tools to be employed in linguistic research	K_U02, K_U03, K_U04, K-U10
ITRM_05	knows how to critically interpret and draw conclusions from studies employing particular research methods	K_U02, K_U08, K_U10, K_U11, K_U14
ITRM_06	is familiar with ethical aspects of conducting research with human participants	K_W02, K_W03, K_W04

4. Learning content with reference to course learning outcomes (EU)

Course learning content:	Course learning outcome symbol(s) (EU)
Research methods in linguistics: An introduction	ITRM_01 – ITRM_06
Qualitative and quantitative research methods	ITRM_01 – ITRM_06
Behavioral research methods in linguistic studies	ITRM_01 – ITRM_06
Neuroimaging research methods in linguistic studies	ITRM_01 – ITRM_06
Operational definitions and objectivity in language research	ITRM_01 – ITRM_06
External, internal, construct, and ecological validity in linguistic research	ITRM_01 – ITRM_06
Reliability in empirical studies	ITRM_01 – ITRM_06
Experimental vs. correlational research	ITRM_01 – ITRM_06
Dependent and independent variables	ITRM_01 – ITRM_06
Moderator and confounding and variables	ITRM_01 – ITRM_06
Nominal, ordinal, interval, and ratio variables	ITRM_01 – ITRM_06
Research questions	ITRM_01 – ITRM_06
Research hypothesis	ITRM_01 – ITRM_06
Replication	ITRM_01 – ITRM_06
Ethical aspects of research with human participants	ITRM_01 – ITRM_06

5. Reading list

- Field, A. & Hole, G. 2004. How to design and report experiments. London: Sage Publications.
- Mitchell, M.L. & Jolley, J.M. Research design explained. Belmont, CA: Wadsworth, Cengage Learning.
- Podesva, R. J. & Sharma, D. 2013. Research Methods in Linguistics. Cambridge: Cambridge University Press.

III. Additional information

1. Teaching and learning methods and activities to enable students to achieve the intended course learning outcomes (please indicate the appropriate methods and activities with a tick and/or suggest other methods.)

Teaching and learning methods and activities	X
Lecture with a multimedia presentation	
Interactive lecture	
Problem-based lecture	
Discussions	X
Text-based work	X
Case study work	X
Problem-based learning	X
Educational simulation / game	
Task-solving learning (e.g.: calculation, artistic, practical tasks)	
Experiential work	X
Laboratory work	
Scientific inquiry method	X
Workshop method	
Project work	
Demonstration and observation	
Sound and/or video demonstration	
Creative methods (e.g.: brainstorming, SWOT analysis, decision tree method, snowball technique, concept maps)	X
Group work	X
Other – please specify	
...	

2. Assessment methods to test if learning outcomes have been achieved (please indicate with a tick the appropriate methods for each LO (EU) and/or suggest different methods)

Assessment methods	Course learning outcome symbol					
	ITR M_0 1	ITR M_0 2	ITR M_0 3	ITR M_0 4	ITR M_0 5	ITR M_0 6
Written exam	✓	✓	✓	✓	✓	✓
Oral exam						
Open book exam						
Written test	✓	✓	✓	✓	✓	✓
Oral test						

Multiple choice test	✓	✓	✓	✓	✓	✓
Project						
Essay						
Report						
Individual presentation						
Practical exam (performance observation)						
Portfolio						
Other (please specify) -						
...						

3. Student workload (ECTS credits)

Activity types		Mean number of hours spent on each activity type
Contact hours with the teacher as specified in the study programme		30
Students' self-study*	Preparation for classes	20
	Reading for classes	20
	Essay / report / presentation / demonstration preparation, etc.	
	Project preparation	
	Term paper preparation	
	Exam preparation	20
	Other (please specify) -	
...		
TOTAL HOURS		90
Total ECTS credits for the course		3

* please indicate the appropriate activity types and/or propose different activities

Z komentarzem [PK3]: The total number of working hours should be equal to the number of ECTS points multiplied by 30.

Z komentarzem [PK4]: The number of ECTS credits should be THE SAME as in the General information section on the first page.

4. Assessment criteria in accordance with AMU in Poznan's grading system:

Z komentarzem [PK5]: Specify the assessment criteria for this very course

bardzo dobry (bdb; 5,0): a student has a very good knowledge of concepts and issues related to research methods in linguistics along with their applications, is able to formulate very good research questions and hypotheses, is able to select specific research methods and tools used in linguistic research, is able to interpret and draw conclusions from linguistic studies, has a very good knowledge of ethical aspects of research with human participants.

dobry plus (+db; 4,5): a student has a very good knowledge of concepts and issues related to research methods in linguistics along with their applications, is able to formulate very good research questions and hypotheses, is able to select specific research methods and tools used in linguistic research, is able to interpret and draw conclusions from linguistic studies, has a

very good knowledge of ethical aspects of research with human participants, but they make small mistakes.

dobry (db; 4,0): a student has a good knowledge of concepts and issues related to research methods in linguistics along with their applications, is able to formulate good research questions and hypotheses, is able to select specific research methods and tools used in linguistic research, is able to interpret and draw conclusions from linguistic studies, has a good knowledge of ethical aspects of research with human participants, but they make occasional mistakes.

dostateczny plus (+dst; 3,5): a student knows and understands concepts and issues related to research methods in linguistics along with their applications, is able to formulate research questions and hypotheses, is able to select specific research methods and tools used in linguistic research, is able to interpret and draw conclusions from linguistic studies, knows about ethical aspects of research with human participants, but they make mistakes.

dostateczny (dst; 3,0): a student has a basic knowledge of concepts and issues related to research methods in linguistics along with their applications, is able to formulate research questions and hypotheses, is able to select specific research methods and tools used in linguistic research, is able to interpret and draw conclusions from linguistic studies, is familiar with ethical aspects of research with human participants, but they make mistakes.

niedostateczny (ndst; 2,0): a student does not know and understand concepts and issues related to research methods in linguistics along with their applications, is not able to formulate research questions and hypotheses, is not able to select specific research methods and tools used in linguistic research, is not able to interpret and draw conclusions from linguistic studies, is not familiar with ethical aspects of research with human participants.