

**DOCTORAL SCHOOL OF WROCLAW UNIVERSITY OF SCIENCE AND
TECHNOLOGY**

SUPERVISOR DECLARING/CONDUCTING COURSE: Ewa Łużyniecka

DEPARTMENT: The Faculty of Architecture

SCIENTIFIC DISCIPLINE: Architect and Urban Planning

COURSE CARD

Course name in Polish: Warsztat badacza AU

Course name in English: Research skills AU

Course language Polish

The course is intended for all PhD students: YES / ~~NO~~

~~1) basic course~~

~~2) specialist course~~

~~3) seminar~~

~~4) humanistic course~~

~~5) language~~

6) research skills

Subject code: AUQ100087W

*delete as applicable

	Lecture	Laboratory	Seminar
Number of hours of organized classes in University (ZZU)	30		
Form of crediting	report		
Number of ECTS points	0		

*delete as applicable **In case of didactic courses also inspections and evaluation classes

**PREREQUISITES RELATING TO KNOWLEDGE, SKILLS AND OTHER
COMPETENCES**

1. Specified research topics related to the development of a doctorate

COURSE OBJECTIVES

C1	To learn the basic principles of writing dissertation text with the appropriate scientific apparatus.
C2	Learn about scientific dissertations with similar subjects and the ability to analyze them.
C3	Determining the subject, object and purpose of the work, the territorial scope and research methods used in the dissertation itself, and acquiring the skills to publicly present these issues.

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PROGRAM CONTENTS		
Form of classes – lecture		Number of hours
Lec 1	Planning and elements of the young scientist's research development (articles, doctoral monograph, habilitation with a monograph, habilitation as a collection of articles, grants).	2
Lec 2	Permanent substantive elements of scientific works: subject, research methods and techniques, state of research or foundations (initial), planned and achieved goals, research postulates.	2
Lec 3	Structure of scientific work: title, abstract, abstract, outline, work plan.	2
Lec 4	Selection of bibliographic system depending on the type of work: Oxford system, APA, MLA, according to the Polish Standard.	1
Lec 5	System elements: bibliography, footnote, bibliographic record.	2
Lec 6	Discussion of the classification of scientific publications, including scientific journals according to accepted rules: Philadelphia list (If), impact factor (if), scoring according to the Ministry of Science and Higher Education list, citations, Hirsch index, i10 index	1
Lec 7	Development of the state of research and methods of reaching literature databases. Ability to use traditional databases and online resources - benefits and threats.	2
Lec 8	Planning and organization of work depending on the form and stage of work on the doctorate or article.	2
Lec 9	Types of layouts and editing of doctoral dissertations depending on the subject of the thesis. A brief analysis of the doctorate and article on a similar topic.	8
Lec10	Types of layouts and editing of doctoral dissertations depending on the subject of the thesis. Short outline or work plan of doctoral and doctoral student's article.	8
Total hours		30

TEACHING TOOLS USED	
N1	Polemic lecture
N2	Multimedia presentation
N3	Prints of selected materials

ACHIEVED SUBJECT LEARNING OUTCOMES		
Type of learning outcome	Type of learning outcome	Type of learning outcome
Knowledge	P8S_WK	Knowledge assessment based on discussions
Skills	P8S_UK P8S_UO	Assessment of skills based on discussions
Social competences	P8S_KK P8S_KO	Assessment of involvement in the discussion

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PRIMARY AND SECONDARY LITERATURE

PRIMARY LITERATURE:

- [1] 1. J. Jura, *Przygotowanie rozprawy doktorskiej*, Warszawa 1994.
- [2] G. Gambarelli, Z. Łucki, *Jak przygotować pracę dyplomową lub doktorską*, Kraków 1996.
- [3] U. Eco, *Jak napisać pracę dyplomową. Poradnik dla humanistów*, Warszawa 2007.
- [4] J. Weiner, *Technika pisania i prezentowania prac naukowych. Publikacja naukowa, praca seminaryjna, praca magisterska, referat, poster*, Kraków 1992.
- [5] J. Orczyk, *Zarys pracy umysłowej*, Warszawa 1984.

SECONDARY LITERATURE

- [1] D. Lindsay, *Dobre rady dla piszących teksty naukowe*, Wrocław 1995.
- [2] J. Peter, *Zarys metodologii pracy naukowej*, Warszawa 1975.
- [3] M.M. Grzybowski, D. Gurzyńska-Bociek, *Technika sporządzania przypisów i bibliografii*, Bydgoszcz-Łowicz 1997
- [4] J. Rudniański, *Nauka: Twórczość i organizacja*, Warszawa 1976
- [5] J. Such, *Wstęp do metodologii ogólnej nauk*, Poznań 1973

SUBJECT SUPERVISOR

(NAME AND SURNAME, E-MAIL ADDRESS)

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