DESCRIPTION OF THE COURSE OF STUDY

Course code	0541.6.MAT2.E.SM1	
Name of the course in	Polish	**Seminarium magisterskie I**
	English	**Master Thesis Seminar I**

1. LOCATION OF THE COURSE OF STUDY WITHIN THE SYSTEM OF STUDIES

1.1. Field of study	Mathematics
1.2. Mode of study	full-time studies
1.3. Level of study	Graduate (Master)
1.4. Profile of study*	general academic profile of studies
1.5. Person/s preparing the course description	prof. dr hab. Taras Banakh, dr hab. Michał Wojciechowski
1.6. Contact	t.o.banakh@gmail.com, tbanakh@ujk.edu.pl

2. GENERAL CHARACTERISTICS OF THE COURSE OF STUDY

2.1. Language of instruction	Polish and English
2.2. Prerequisites*	Lectures from the first semester connected with the subject of the seminar

3. DETAILED CHARACTERISTICS OF THE COURSE OF STUDY

3.1. Form of classes	Seminar lectures	
3.2. Place of classes	classes in the UJK teaching room	
3.3. Form of assessment	graded credit	
3.4. Teaching methods	Lectures and discussions	
3.5. Bibliography	**Required reading**	Depending on the subject of lectures
	Further reading	

4. OBJECTIVES, SYLLABUS CONTENT AND INTENDED LEARNING OUTCOMES

4.1. Course objectives *(including form of classes)*

Seminars:
C1 – deepening knowledge relevant to a chosen branch of mathematics
C2 – presentation of the newest research papers and monographs on a chosen subject
C3 – improvement of abilities to prove mathematical theorems and construct examples
C4 – preparation of students to precise formulation of results of own work in oral and written form
C5 – proficiency in unassisted planning of own work and finding useful information

4.2. Detailed syllabus *(including form of classes)*

Seminars:
Acquisition of mathematical literature relevant to a subject of the seminar. Acquisition of the specialized knowledge and terminology. Selection of available literature with regard to a subject of the seminar.

4.3. Intended learning outcomes

Code	A student, who passed the course	Relation to learning outcomes
within the scope of **KNOWLEDGE:**		
W01	Has a deepened knowledge from a chosen branch of mathematics	MAT2A_W02
W02	Has an orientation in actual directions of development of a chosen branch of mathematics	MAT2A_W03
within the scope of **ABILITIES:**		
U01	Constructs mathematical reasoning, proves theorems and constructs examples and counter-examples	MAT2A_U01
U02	Presents mathematical contents in oral and written form in miscellaneous mathematical texts	MAT2A_U02
U03	Constructs mathematical models used in different advanced applications	MAT2A_U11
U04	Finds ourselves information about the subject, also in foreign languages	MAT2A_U13
within the scope of **SOCIAL COMPETENCE:**		
K01	Plans effectively his own work	MAT2A_K01

4.4. Methods of assessment of the intended learning outcomes

Teaching outcomes (code)	Method of assessment (+/-)	
	Report *	
	Form of classes	
	S	
W01	+	
W02	+	
U01	+	
U02	+	
U03	+	
U04	+	
K01	+	

* delete as appropriate

4.5. Criteria of assessment of the intended learning outcomes		
Form of classes	**Grade**	**Criterion of assessment**
Seminars (S)	**3**	at least 50% and no more than 60% of the total number of points possible
	3,5	more than 60% and no more than 70% of the total number of points possible
	4	more than 70% and no more than 80% of the total number of points possible
	4,5	more than 80% and no more than 90% of the total number of points possible
	5	more than 90% of the total number of points possible

5. BALANCE OF ECTS CREDITS – STUDENT'S WORK INPUT

Category	Student's workload	
	Full-time studies	**Extramural studies**
NUMBER OF HOURS WITH THE DIRECT PARTICIPATION OF THE TEACHER /CONTACT HOURS/	**30**	
Participation in seminars*	30	
INDEPENDENT WORK OF THE STUDENT/NON-CONTACT HOURS/	**20**	
Preparation to seminars and preparation of report *	20	
TOTAL NUMBER OF HOURS	**50**	
ECTS credits for the course of study	**2**	

* delete as appropriate

Accepted for execution (date and legible signatures of the teachers running the course in the given academic year)

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