INDIVIDUAL RESEARCH AND THESIS DRAFTING WITHIN THE PROJECT OF COMPLETING MASTER'S THESIS	
GENERAL INFORMATION	
Course teacher	Mentor, student
Associates	-
Study programme	Graduate University Study of Medical Laboratory Diagnostics
Course status	mandatory
Year of study, semester	2nd year, 4th semester
ECTS credits	**20**
Form of teaching (number of classes)	Seminars: 40; Practicums: 200
Expected number of students attending the course	1 per chosen subject

COURSE DESCRIPTION

Course objectives

Applying the acquired knowledge in planning and conducting scientific or professional research within the scope of suggested master's thesis from setting a hypothesis and goals to analysing and interpreting the obtained results.

Course entry requirements and competencies needed for the course

Completed 1st year courses at UGS of Medical Laboratory Diagnostics. English language competence, basic informatics skills (Windows OS).

Learning outcomes at study programme level

1.1, 1.2, 2.1, 2.3, 2.4, 2.5, 2.6, 2.7, 3.1, 3.2

Expected learning outcomes at course level

After completion of the course and creating a project proposal, the student will be able to:

1. research specific and relevant scientific and professional literature
2. critically interpret the results published in scientific and professional papers
3. identify the problem and subject of research
4. single out goals of the research
5. set research hypotheses
6. prepare a blueprint of the research
7. choose methodology and combine analytical procedures
8. calculate and present results of the research
9. explain the subject of the master's thesis

Course content

Seminars and practicums: Searching databases and scientific literature in accordance with the given topic of the work. Analysis, critical assessment of available data. Preparation of research draft. Choice of methodology. Preparation of presentations related to the research topic.

Forms of teaching

Seminars; Practicums; Independent assignments.

Students' responsibilities

Attendance is obligatory throughout all course forms, and the student has to attend all the exams. Student absence of up to 30% is considered acceptable in each teaching form. Practical work and seminars that were not completed have to be taken in the form of colloquiums. The student has to attend all forms of exams required

Monitoring students' work *(Connecting learning outcomes, teaching methods and evaluation)*

Teaching activity	ECTS	Learning outcome	Student activity	Evaluation methods	Grade points	
					Min.	Max.
Seminar	10	1-8	Seminar paper	Writing and presenting seminar paper	25	50
Master's thesis exposition	10	9	Filling out the form for master's thesis application	Grading of student's thesis	25	50
Total	**20**				**50**	**100**

Student's form for master's thesis application presented for evaluation by the Committee for bachelor's and master's theses of Faculty of Medicine Osijek.

Assigned reading (available in the library and in other media)

Title	Number of copies in the library	Availability in other media
Per mentor's and student's choice		Yes

Further reading

Per student's choice

Quality assurance methods that ensure the acquisition of exit competencies

Anonymous, quantitative, standardised students' opinion survey on the course and teacher's work, carried out by the Quality Assurance Office of the Faculty of Medicine in Osijek.