

## COURSE SYLLABUS AND COURSE REQUIREMENTS

ACADEMIC YEAR 2024-2025 SEMESTER: 1.

<i>Course title</i>	<i>Diploma Work I.</i>
<i>Course Code</i>	MSM634AN
<i>Hours/Week: le/pr/lab</i>	0/0/4
<i>Credits</i>	6
<i>Degree Programme</i>	Biomedical Engineering MSc
<i>Study Mode</i>	Full-time
<i>Requirements</i>	Mid-term exam
<i>Teaching Period</i>	Fall
<i>Prerequisites</i>	
<i>Department(s)</i>	Department of Applied Informatics
<i>Course Director</i>	Adam Schiffer, PhD
<i>Teaching Staff</i>	Adam Schiffer, PhD

## COURSE DESCRIPTION

*A short description of the course (max. 10 sentences).*

*Neptun: Instruction/Subjects/Subject Details/Basic data/Subject description*

The program of the first semester is literature searching, the student must reveal various solutions of the given problem. About the achievement a summary must be written. Furthermore, the aim is a proper progress during the semester: Starting of the individual work is required. The course ends with a presentation.

The project is must be done with the selected supervisor.

## SYLLABUS

*Neptun: Instruction/Subjects/Subject Details/Syllabus*

### 1. GOALS AND OBJECTIVES

*Goals, student learning outcome.*

*Neptun: Instruction/Subjects/Subject Details/Syllabus/Goal of Instruction*

Every student has to create a plan of his/her diploma work in order to obtain an MSc degree. The plan is to prove that the graduating student is able to work individually, knows and applies the working methods, understands the problem, the student is able to do literature research on his/her own and he/she is able to progress in the research and development process with the help of a supervisor.

### 2. COURSE CONTENT

*Neptun: Instruction/Subjects/Subject Details/Syllabus/Subject content*

## TOPICS

### LECTURE PRACTICE

1. *Diploma Work research plan*
2. *Diploma Work documentation*
3. *Diploma Work Presentation*

## DETAILED SYLLABUS AND COURSE SCHEDULE

*ACADEMIC HOLIDAYS INCLUDED*

## PRACTICE, LABORATORY PRACTICE

week	Topic	Compulsory reading; page number (from ... to ...)	Required tasks (assignments, tests, etc.)	Completion date, due date
1.	Diploma Work project			
2.	Diploma Work project			
3.	Diploma Work project			
4.	Diploma Work project			
5.	Diploma Work project			
6.	Diploma Work project			
7.	Diploma Work project			
8.	Diploma Work project			
9.	HOLIDAY			
10.	Diploma Work project			
11.	Diploma Work documentation			
12.	Diploma Work documentation			
13.	Diploma Work documentation			
14.	Diploma Work documentation			
15.	Diploma Work presentation			

### 3. ASSESSMENT AND EVALUATION

(Neptun: Instruction/Subjects/Subject Details/Syllabus/Examination and Evaluation System)

#### ATTENDANCE

In accordance with the Code of Studies and Examinations of the University of Pécs, Article 45 (2) and Annex 9. (Article 3) a student may be refused a grade or qualification in the given full-time course if the number of class absences exceeds 30% of the contact hours stipulated in the course description.

**Method for monitoring attendance** (e.g.: attendance sheet / online test/ register, etc.)

-not required

#### ASSESSMENT

Cells of the appropriate type of requirement is to be filled out (course-units resulting in mid-term grade or examination). Cells of the other type can be deleted.

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**Course resulting in mid-term grade (PTE TVSz 40§(3))**

**Mid-term assessments, performance evaluation and their ratio in the final grade** (The samples in the table to be deleted.)

Type	Assessment	Ratio in the final grade
Diploma work presentation	70	70%
Diploma work documentation	30	30 %

**Opportunity and procedure for re-takes** (PTE TVSz 47§(4))

The specific regulations for improving grades and resitting tests must be read and applied according to the general Code of Studies and Examinations. E.g.: all tests and assessment tasks can be repeated/improved at least once every semester, and the tests and home assignments can be repeated/improved at least once in the first two weeks of the examination period.

**Grade calculation as a percentage**

based on the aggregate performance according to the following table

Course grade	Performance in %
excellent (5)	85 % ...
good (4)	70 % ... 85 %
satisfactory (3)	55 % ... 70 %
pass (2)	40 % ... 55 %
fail (1)	below 40 %

The lower limit given at each grade belongs to that grade.

#### **4. SPECIFIED LITERATURE**

*In order of relevance. (In Neptun ES: Instruction/Subject/Subject details/Syllabus/Literature)*

##### **COMPULSORY READING AND AVAILABILITY**

- [1.] ☐ Ranjit Kumar: Research Methodology: A Step-by-Step Guide for Beginners, SAGE Publication, 2010
- [2.] ☐ RANJAN DAS: BIOMEDICAL RESEARCH METHODOLOGY: INCLUDING BIostatistical APPLICATIONS 1ST EDITION, JAYPEE, 2010

##### **RECOMMENDED LITERATURE AND AVAILABILITY**

- [3.] .....
- [4.] .....
- [5.] .....