Preparation of Bachelor Thesis (PBT)
2024-2025

- Syllabus
    - https://www.cs.ubbcluj.ro/files/curricula/2024/syllabus/IE_sem6_MLE2001_en_avescan_2024_8719.pdf
- Final Examination Regulations
    - Decision of the Council of the Faculty of Mathematics and Computer Science regarding the methodology for the final exam - sessions June-July/September 2025
    - https://www.cs.ubbcluj.ro/hotararea-consiliului-facultatii-de-matematica-si-informatica-privind-regulamentul-de-desfasurare-a-examenului-de-finalizare-de-studii-sesiunile-iunie-iulie-septembrie-2025/
- Tutors
    - Computer science (English section)
        - Maduta Adrian (adrian.maduta@ubbcluj.ro)
        - Mihai Andrei (andrei.mihai@ubbcluj.ro)
        - Moldovan Andrada (andrada.moldovan@ubbcluj.ro)
        - Molnar Arthur (arthur.molnar@ubbcluj.ro)
        - Pop Ioan Daniel (ioan.daniel.pop@ubbcluj.ro)
        - Vescan Andreea (andreea.vescan@ubbcluj.ro)
        - Zsigmond Imre (imre.zsigmond@ubbcluj.ro)
- Important remarks
    - RECORDING OF TEACHING ACTIVITIES IS NOT PERMITTED. According to LEN 2011, the recording of the teaching activity by any procedure can be done only with the consent of the teacher.
    - Each deliverable for the laboratory assignments must be uploaded in Microsoft Teams at the corresponding Assignment.
        - For Theoretical assignments – as pdf/word
        - For Source code - Functionality assignment – as screen capture of the application in execution.
    - Each deliverable file must be uploaded before the scheduled laboratory, i.e., in the day of the assignment delivery.
    - The student must have available the deliverable documents during lab hours to be discussed with the tutor.
    - Council of the Faculty of Mathematics and Computer Science
        - 28 September 2016
        - http://www.cs.ubbcluj.ro/hotararea-1893-28-09-2016-a-consiliului-facultatii-privind-modificarea-regulamentului-de-functionare-al-fmi/
        - For PBT: "Presence on this subject is mandatory, and minimum 4 attendances will be required."
        - Motivation of absences
            - 11 October 2016
            - Decision regarding the motivation of the absences of the students
            - http://www.cs.ubbcluj.ro/hotarare-privind-motivarea-absentelor-studentilor-nivel-licenta/
            - "Students will present the documents for motivating the absences of the laboratory teacher, within a maximum of one week from the date of the absence."
            - If the motivation comes after more than a week, then apply to the dean's office.
- Grading
    - Presence on this subject is mandatory, and minimum 4 attendances will be required.
    - Students will have 5 lab assignments; each assignment will receive a grade.
    - During one laboratory maximum 2 laboratory assignments could be delivered. The second laboratory will be delivered if there is time available. Priority is given to those students who have delivered the laboratory on time.
    - Penalties
        - The assignments delivered after the deadline, are marked with 2 points/laboratory delay.
        - Example: Assignment 3 with a delivery schedule in Lab 4 but delivered in Lab 6, gets the maximum mark of 6.
    - **Grade given by Tutor** = arithmetic average of the grades from the 5 laboratory assignments (awarded at the end of the laboratory 6)
    - **Grade given by Scientific Coordinator** = given in the session
    - **Final Grade** = 0.5 * Grade given by Tutor + 0.5* Grade given by Scientific Coordinator
    - Pass the subject: Final grade > = 5. Grade given by Tutor or Grade given by Scientific Coordinator may be less than 5, but the Final Grade must be greater than 5.
    - In the retake session, the student can also deliver assignments that were undelivered during the didactic activity only if she/he has at least 4 attendances. The grade given by tutor will be at most 6 if during the semester the student did not delivered any assignment. If the student delivered parts of the assignments during the semester, and in the retake session she/he delivered some other assignments, the grade on each assignment is computed as if it were delivered in Lab 6 (with appropriate penalties), but the final grade will be at most 6.

Planning of activities			
Lab number	Assignment Received	Assignment Delivery	Evaluations
Laboratory 1 24 Feb – 7 Mar.	**Assignment 1: Establishing the theme with the scientific coordinator.**	Laboratory 2 **Deliverables/Turn in:** • ThemeTitleAgreement-signed by the scientific advisor • Document with title + 3 bibliographic resources (books, articles, etc.) + 3 paragraphs	**Evaluations** • ThemeTitleAgreement • 3 references • 3 paragraphs
Laboratory 2 10-21 Mar.	**Assignment 2: Creating the content of the paper + one theoretical chapter.**	Laboratory 3 **Deliverables/Turn in:** • Content of the thesis • Chapters for the theoretical part + 2-3 subsections	**Evaluations** • Content • Chapter theoretic 1 + subsections • Formatting: tables/images
Laboratory 3 24 Mar. - 4 Apr.	**Assignment 3: Develop another chapter from the theoretical part and Chapter practical part (requirements+specification)**	Laboratory 4 **Deliverables/Turn in:** • Chapter 2 from the theoretical part (theoretical content + references + tables + images) + chapter from the practical part with app requirements and specification.	**Evaluations** • Chapter theoretic 2 + subsections • Formatting: tables/images • Chapter practical 1 + requirements+specification
Laboratory 4 7- 18 Apr.	**Assignment 4: Develop another chapter from the theoretical part.** **Develop the chapter for the application.**	Laboratory 5 **Deliverables/Turn in:** - Chapter from the practical part: design (all) + implementation + testing (functionality F1) - Functionality F1 to be shown that works (executable).	**Evaluations** • Design/Implementation/Testing for F1 • User interface (GUI interface) • Application execution F1 + mini-user manual for F1 (screen capture of the application in execution + explanations)
18 April –25 April	Holidays		
Laboratory 5 28 Apr - 9 May. (Thursday 1 May –no classes)	**Assignment 5: Writing the Abstract and the Introduction, functionality F2 to be shown**	Laboratory 6 **Deliverables/Turn in:** • Abstract • Introduction • Functionality F2 to be shown that works (executable).	**Evaluations** • Abstract • Introduction • Functionality F2
Laboratory 6 13 - 24 May	**Grading by the Tutor**		