

Preparation of Bachelor Thesis (PBT)
2022-2023

- Syllabus
https://www.cs.ubbcluj.ro/files/curricula/2022/syllabus/IE_sem6_MLE2001_en_avescan_2022_7050.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 2023
 - <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-2023/>
- Tutors
 - Computer science (English section)
 - 931 - Prof. dr. Chira Camelia (camelia.chira@ubbcluj.ro)
 - 932 - Lect. dr. Miholca Diana (diana.miholca@ubbcluj.ro)
 - 933 - Conf. dr. Vescan Andreea (andreea.vescan@ubbcluj.ro)
 - 934 - Lect. dr. Lazar Ioan (ioan.lazar@ubbcluj.ro)
 - 935 - Prof. dr. Czibula Istvan (istvan.czibula@ubbcluj.ro)
 - 936 - Lect. dr. Suciu Mihai (mihai.suciu@ubbcluj.ro)
 - 937 - Lect. dr. Lupsa Radu (radu.lupsa@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** = $0.5 * \text{Grade given by Tutor} + 0.5 * \text{Grade given by Scientific Coordinator}$
 - 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 | | | |
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| Lab number | Assignment Received | Assignment Delivery | Evaluations |
| Laboratory 1 27 Feb – 10 Mar. | Assignment 1: Establishing the theme with the scientific coordinator. | Laboratory 2 Deliverables/Turn in: <ul style="list-style-type: none"> • ThemeTitleAgreement-signed by the scientific advisor • Document with title + 3 bibliographic resources (books, articles, etc.) + 3 paragraphs | Evaluations <ul style="list-style-type: none"> • ThemeTitleAgreement • 3 references • 3 paragraphs |
| Laboratory 2 13-24 Mar. | Assignment 2: Creating the content of the paper + one theoretical chapter. | Laboratory 3 Deliverables/Turn in: <ul style="list-style-type: none"> • content of the thesis • Chapters for the theoretical part + 2-3 subsections | Evaluations <ul style="list-style-type: none"> • Content • Chapter theoretic 1 + subsections • Formatting: tables/images |
| Laboratory 3 27 Mar. - 7 Apr. | Assignment 3: Develop another chapter from the theoretical part and Chapter practical part (requirements+specification) | Laboratory 4 Deliverables/Turn in: <ul style="list-style-type: none"> • Chapter 2 from the theoretical part (theoretical content + references + tables + images) + chapter from the practical part with app requirements and specification. | Evaluations <ul style="list-style-type: none"> • Chapter theoretic 2 + subsections • Formatting: tables/images • Chapter practical 1 + requirements+specification |
| Laboratory 4 10- 28 Apr. (Friday, 14Apr. – no classes) (14-21 Apr. Holiday) | Assignment 4: Develop another chapter from the theoretical part. Develop the chapter for the application. | Laboratory 5 Deliverables/Turn in: <ul style="list-style-type: none"> - Chapter from the practical part: design (all) + implementation + testing (functionality F1) - Functionality F1 to be shown that works (executable). | Evaluations <ul style="list-style-type: none"> • 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) |
| Laboratory 5 1May - 12 May. (Monday, 1 May – no classes) | Assignment 5: Writing the Abstract and the Introduction, functionality F2 to be shown | Laboratory 6 Deliverables/Turn in: <ul style="list-style-type: none"> • Abstract • Introduction • Functionality F2 to be shown that works (executable). | Evaluations <ul style="list-style-type: none"> • Abstract • Introduction • Functionality F2 |
| Laboratory 6 15 - 26 May | Grading by the Tutor | | |