Preparation of Bachelor Thesis (PBT)
2020-2021

- Syllabus
- https://www.cs.ubbcluj.ro/files/curricula/2020/syllabus/IE_sem6_MLE2001_en_avescan_2020_5464.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 2021
    - http://www.cs.ubbcluj.ro/licenta-disertatie-2021/
- Tutors
  - Computer science (English section)
    - 931 - Conf. dr. Vescan Andreea (avescan@cs.ubbcluj.ro)
    - 932 - Prof. dr. Diosan Laura (lauras@cs.ubbcluj.ro)
    - 933 - Lect. dr. Suciu Dan (dsuciu@cs.ubbcluj.ro)
    - 934 - Lect. dr. Cojocar Dan (dan@cs.ubbcluj.ro)
    - 935 - Lect. dr. Lazar Ioan (ilazar@cs.ubbcluj.ro)
    - 936 - Lect. dr. Lupsa Dana (dana@cs.ubbcluj.ro)
    - 937 - Conf. dr. Chira Camelia (cchira@cs.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 (after presenting to the teacher)
  - 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."
- 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 22 Feb – 5 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 8-19 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 22 Mar. - 2 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 5- 16 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)
Laboratory 5 19 Apl. – 29 Apr. (Friday, 30Apr. – no classes)	**Assignment 5: Prepare the presentation (slides), writing the Abstract and the Introduction, functionality F2 to be shown**	Laboratory 6 **Deliverables/Turn in:** • Presentation (slides only, not to be presented during lab) • Abstract + Introduction • Functionality F2 to be shown that works (executable).	**Evaluations** • Abstract • Introduction • Functionality F2 • Optional - Presentation (slides)
Holiday 30-9 May.			
Laboratory 6 10 - 21 May	**Grading by the Tutor**		