# Preparation of Bachelor Thesis
## 2019-2020

- Syllabus
- [http://www.cs.ubbcluj.ro/files/curricula/2019/syllabus/IE_sem6_MLE2001_en_avescan_2019_4718.pdf](http://www.cs.ubbcluj.ro/files/curricula/2019/syllabus/IE_sem6_MLE2001_en_avescan_2019_4718.pdf)
- Final Examination Regulations
    - Hotărârea Consiliului Facultăţii de Matematică şi Informatică privind metodologia de desfăşurare a examenului de licenţa şi disertaţie în sesiunea iunie-iulie 2020
    - [http://www.cs.ubbcluj.ro/hotararea-consiliului-facultatii-de-matematica-si-informatica-privind-metodologia-de-desfasurare-a-examenului-de-licenta-si-disertatie-in-sesiunea-iunie-iulie-2020/](http://www.cs.ubbcluj.ro/hotararea-consiliului-facultatii-de-matematica-si-informatica-privind-metodologia-de-desfasurare-a-examenului-de-licenta-si-disertatie-in-sesiunea-iunie-iulie-2020/)
- Tutors
    - Computer science (English section)
        - 931 - Prof. dr. Diosan Laura
        - 932 - Conf. dr. Vescan Andreea
        - 933 - Lect. dr. Cojocar Dan
        - 934 - Lect. dr. Lupsa Radu
        - 935 - Lect. dr. Suciu Dan
        - 936 - Lect. dr. Lupsa Dana
        - 937 - Conf. dr. Chira Camelia

- Important remarks
    - Each deliverable for the laboratory assignments must be uploaded to the next provided address using the scs id/password.
        - [https://www.cs.ubbcluj.ro/~pbt/](https://www.cs.ubbcluj.ro/~pbt/)
    - 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/](http://www.cs.ubbcluj.ro/hotararea-1893-28-09-2016-a-consiliului-facultatii-privind-modificarea-regulamentului-de-functionare-al-fmi/)
        - 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/](http://www.cs.ubbcluj.ro/hotarare-privind-motivarea-absentelor-studentilor-nivel-licenta/)

- 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.
    - Students who do not have a minimum of 4 attendances may deliver them only in the liquidation session, and the tutor's grade will be maximum 6.

| Planning of activities | | | |
| --- | --- | --- | --- |
| Lab number | Assignment Received | Assignment Delivery | Evaluations |
| Laboratory 1<br>24 Feb – 6 Mar. | **Assignment 1: Establishing the theme with the scientific coordinator.** | Laboratory 2<br>**Deliverables/Turn in:**<br>• ThemeTitleAgreement-signed by the scientific advisor<br>• Document with title + 3 bibliographic resources (books, articles, etc.) + 3 paragraphs | **Evaluations**<br>• ThemeTitleAgreement<br>• 3 references<br>• 3 paragraphs |
| Laboratory 2<br>9-20 Mar. | **Assignment 2: Creating the content of the paper + one theoretical chapter.** | Laboratory 3<br>**Deliverables/Turn in:**<br>• content of the thesis<br>• Chapters for the theoretical part + 2-3 subsections | **Evaluations**<br>• Content<br>• Chapter theoretic 1 + subsections<br>• Formatting: tables/images |
| Laboratory 3<br>23 Mar. - 3 Apr. | **Assignment 3: Develop another chapter from the theoretical part and Chapter practical part (requirements+specification)** | Laboratory 4<br>**Deliverables/Turn in:**<br>• Chapter 2 from the theoretical part (theoretical content + references + tables + images) + chapter from the practical part with app requirements and specification. | **Evaluations**<br>• Chapter theoretic 2 + subsections<br>• Formatting: tables/images<br>• Chapter practical 1 + requirements+specification |
| Laboratory 4<br>6- 17 Apr. | **Assignment 4: Develop another chapter from the theoretical part.**<br>**Develop the chapter for the application.** | Laboratory 5<br>**Deliverables/Turn in:**<br>- Chapter from the practical part: design (all) + implementation + testing (functionality F1)<br>- Functionality F1 to be shown that works (executable). | **Evaluations**<br>• Design/Implementation/Testing for F1<br>• User interface (GUI interface)<br>• Application execution F1 + mini-user manual for F1 (screen capture of the application in execution + explanations |
| Holiday<br>20-26 Apr. | | | |
| Laboratory 5<br>27 Apl. – 8 May | **Assignment 5: Prepare the presentation (slides), writing the Abstract and the Introduction, functionality F2 to be shown** | Laboratory 6<br>**Deliverables/Turn in:**<br>• Presentation (slides only, not to be presented during lab)<br>• Abstract + Introduction<br>• Functionality F2 to be shown that works (executable). | **Evaluations**<br>• Presentation (slides)<br>• Abstract+Introduction<br>• Functionality F2 |
| Laboratory 6<br>11 - 22 May<br>(Week2) | **Grading by the Tutor** | | |