



## DISCIPLINE SHEET

### 1.-Info about the program

| <b>FOUNDATION FOR DEVELOPMENT AND MANAGEMENT</b> |                                    |
|--------------------------------------------------|------------------------------------|
| 1.2-Faculty                                      | <b>FACULTY OF MEDICINE</b>         |
| 1.3-Departament                                  | Clinical/Specialization Discipline |
| 1.4-Study domain                                 | Health                             |
| 1.5-Study cycle                                  | Bachelor                           |
| 1.6-Study program/ Calification                  | Medicine-English                   |



### 2.-Info about discipline

|                             |          |              |           |                                                             |             |                        |          |            |
|-----------------------------|----------|--------------|-----------|-------------------------------------------------------------|-------------|------------------------|----------|------------|
| 2.1- Name of the discipline |          |              |           | <b>BASIC CONCEPTS IN LIVER PATHOLOGY</b>                    |             |                        |          |            |
| 2.2-Course lecturer         |          |              |           | Prof. Dr. <b>CIJEVSCHI-PRELIPCEAN Cristina</b> ,<br>MD, PhD |             |                        |          |            |
| 2.3-Seminary lecturer       |          |              |           | Prof. Dr. <b>CIJEVSCHI-PRELIPCEAN Cristina</b> ,<br>MD, PhD |             |                        |          |            |
| 2.4-Year of study           | <b>V</b> | 2.5 Semester | <b>II</b> | 2.6 Evaluation type                                         | <b>Exam</b> | 2.7. Discipline regime | Content  | <b>DS</b>  |
|                             |          |              |           |                                                             |             |                        | Optional | <b>DOP</b> |

### 3. -Total time (hours of didactic activity per semester)

|                                                                                                  |    |             |    |                 |       |
|--------------------------------------------------------------------------------------------------|----|-------------|----|-----------------|-------|
| 3.1-Number of hours per week                                                                     | 2  | 3.2 -course | 1  | 3.3- laboratory | 1     |
| 3.4-Total hours of the curriculum                                                                | 28 | 3.5 -course | 14 | 3.6 -laboratory | 14    |
| Distribution of time                                                                             |    |             |    |                 | Hours |
| Study after manual, course support, bibliography and notes                                       |    |             |    |                 | 10    |
| Additional documentatin in the library, on the specialized electronic platforms and on the field |    |             |    |                 | 10    |
| Training seminars/laboratories/projects, themes, papers,portofolios and essays                   |    |             |    |                 | 1     |
| Tutoring                                                                                         |    |             |    |                 | -     |
| Examination                                                                                      |    |             |    |                 | 1     |
| Other activities                                                                                 |    |             |    |                 | -     |
| 3.7-Individual study hours                                                                       | 22 |             |    |                 |       |
| 3.8-Total hours per semester                                                                     | 50 |             |    |                 |       |
| 3.9-Credit number                                                                                | 2  |             |    |                 |       |

### 4.-Preconditions (if applicable)

|                        |                         |
|------------------------|-------------------------|
| 4.1 Curriculum         | Fundamentals of anatomy |
| 4.2.-Learning Outcomes | Not the case            |

### 5.-Conditions



5.1-Course

Classroom with video projector

### 6. Learning outcomes

|                                      |                                                                                                                                                                                                                                            |
|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Knowledge</b>                     | Clinical manifestations and diagnostic methods of the main liver pathologies                                                                                                                                                               |
| <b>Skills</b>                        | Formulation of the etiological and functional diagnosis of liver diseases<br>Principles of treatment in chronic hepatitis. Liver cirrhosis. Chronic liver failure. Acute chronic failure<br>Notions of diet and lifestyle in liver disease |
| <b>Responsibilities and autonomy</b> | Identificarea măsurilor generale/specifice de prevenire aplicabile în patologiile hepatice inclusiv infecțiile asociate asistenței medicale;                                                                                               |

### 7.-Objectives of the discipline

|                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7.1-General objective of the discipline | Knowledge and understanding of liver pathology. Liver disease                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 7.2-Specific objectives                 | <ul style="list-style-type: none"><li>o—Correct use of notions specific to liver pathology;</li><li>o—Description of the epidemiological process involved in liver pathologies with risk of occupational transmission to medical personnel</li><li>o—Identification of general/specific prevention measures applicable in liver pathologies, including healthcare-associated infections;</li><li>o—Knowledge of the benefits and risks of active immunization in preventing/combating liver pathology</li><li>o—Notions regarding nosocomial infections.</li><li>o—Prevention and dispensary, screening.</li></ul> |

### 8.-Contents



| 8.1- Course                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Teaching methods                | hours/week |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------|--|
| 1. Elements of liver anatomy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Interactive lecture, Discussion | 1          |  |
| 2. Elements of Pathology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                 | 1          |  |
| 3. Elements of liver physiology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                 | 1          |  |
| 4. The importance of the port space – part 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                 | 1          |  |
| 5. The importance of the port space – part 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                 | 1          |  |
| 6. Infectious liver pathology – part 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                 | 1          |  |
| 7. Infectious Liver Pathology – Part 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                 | 1          |  |
| 8. Hepatic pathology in autoimmune boluses – Part A 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                 | 1          |  |
| 9. Hepatic pathology in autoimmune boluses – Part A 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                 | 1          |  |
| 10. Oncological liver pathology – Part 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                 | 1          |  |
| 11. Oncological liver pathology – Part A 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                 | 1          |  |
| 12. Chronic hepatitis. Cirrhosis of the liver                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                 | 1          |  |
| 13. Chronic liver failure. Acute chronic insufficiency                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                 | 1          |  |
| 14. Diet and lifestyle notions in liver disease                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                 | 1          |  |
| Mandatory bibliography:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                 |            |  |
| <ol style="list-style-type: none"> <li>1. Abdel-Misih, Sherif R.Z.; Bloomston, Mark (2010). "Anatomy of the liver". Surgical Clinics of North America. 90 (4): 643–653. doi:10.1016/j.suc.2010.04.017. PMC 4038911 Accessible for free. PMID 20637938.</li> <li>2. "Anatomy and physiology of the liver – Canadian Cancer Society". Cancer.ca. Archived from the original on 26 June 2015. Retrieved 26 June 2015.</li> <li>3. Ștefaneț Mihail. Human anatomy. Ministry of Health of the Republic of Moldova, Univ. of Medicine and Pharmacy "Nicolae Testemitanu". – Ch.: CEP "Medicine", 2008. (S.E.I. F.E.-P." Tipogr. Central"). – ISBN 978-9975-915-18-2.</li> </ol> |                                 |            |  |
| 8.2-Seminar                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Teaching methods                | hours/week |  |
| 15. Elements of liver anatomy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Interactive lecture, Discussion | 1          |  |
| 16. Elements of Pathology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                 | 1          |  |



|                                                                                                                                                                                                                                    |  |   |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---|--|
| 17. Elements of liver physiology                                                                                                                                                                                                   |  | 1 |  |
| 18. The importance of the port space – part 1                                                                                                                                                                                      |  | 1 |  |
| 19. The importance of the port space – part 2                                                                                                                                                                                      |  | 1 |  |
| 20. Infectious liver pathology – part 1                                                                                                                                                                                            |  | 1 |  |
| 21. Infectious Liver Pathology – Part 2                                                                                                                                                                                            |  | 1 |  |
| 22. Hepatic pathology in autoimmune boluses – Part A 1                                                                                                                                                                             |  | 1 |  |
| 23. Hepatic pathology in autoimmune boluses – Part A 2                                                                                                                                                                             |  | 1 |  |
| 24. Oncological liver pathology – Part 1                                                                                                                                                                                           |  | 1 |  |
| 25. Oncological liver pathology – Part A 2                                                                                                                                                                                         |  | 1 |  |
| 26. Chronic hepatitis. Cirrhosis of the liver                                                                                                                                                                                      |  | 1 |  |
| 27. Chronic liver failure. Acute chronic insufficiency                                                                                                                                                                             |  | 1 |  |
| 28. Diet and lifestyle notions in liver disease                                                                                                                                                                                    |  | 1 |  |
| Mandatory bibliography:                                                                                                                                                                                                            |  |   |  |
| 1. Ștefanet Mihail. Human anatomy. Ministry of Health of the Republic of Moldova, Univ. of Medicine and Pharmacy "Nicolae Testemitanu". – Ch.: CEP "Medicine", 2008. (S.E.I. F.E.-P." Tipogr. Central"). – ISBN 978-9975-915-18-2. |  |   |  |



9.-Corroborating/validating the contents of the discipline with the expectations of the representatives of the epistemic community, professional associations and employers representative of the field related to the program

Consultation and collaboration with colleagues in order for students to obtain basic knowledge on liver pathology.

10.-Evaluation

| Activity Type                              | 10.1-Evaluation criteria | 10.2-Evaluation methods                | 10.3- Weight of the final grade |
|--------------------------------------------|--------------------------|----------------------------------------|---------------------------------|
| 10.4.-Seminary                             | –                        | Final assesment: 50-question grid test | 100%                            |
| 10.5.-Minimum Performance Standard         |                          |                                        |                                 |
| Obtaining a grade of 5 in the written test |                          |                                        |                                 |



|                                         |                                                                                                                                                                                           |                                                                                                                                                                                   |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date:<br>28.04.2025                     | Signature of the discipline coordinator:<br><br>Prof. Dr. <b>CIJEVSCHI-PRELIPCEAN Cristina</b> , MD, PhD | Holder of the seminar activities:<br>Prof. Dr. <b>CIJEVSCHI-PRELIPCEAN Cristina</b> , MD, PhD  |
| Date of approval in the Department      |                                                                                                                                                                                           |                                                                                                                                                                                   |
| Signature of the Director of Department |                                                                                                                                                                                           |                                                                                                                                                                                   |

**Reprezentant legal F.D.M.**  
**Presedinte**  
**Prof. Univ. Dr. POSTĂVARU Nicolae**

