



CD8.5.1 DISCIPLINE CURRICULUM

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FACULTY OF DENTISTRY
STUDY PROGRAM 0911.1 DENTISTRY
CHAIR OF MANAGEMENT AND PSYCHOLOGY

APPROVED

at the meeting of the Commission for Quality Assurance and Evaluation of the Curriculum faculty of Medicine
Minutes No. ___ of _____
Chairman PhD in medicine, associate professor.
Stepco Elena _____

APPROVED

at the Council meeting of the Faculty of Medicine
Minutes No. ___ of _____
Dean of Faculty PhD in medicine, associate professor.
Ciobanu Sergiu _____

APPROVED

at the meeting of the chair Management and Psychology
Minutes No.11 of 14.02.2018
Head of chair, PhD in medicine, univ. professor
Larisa Spinei _____

SYLLABUS

DISCIPLINE: INTRODUCTORY UNIVERSITY COURSE

Integrated studies

Type of course: **optional**

Chisinau, 2018



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I. INTRODUCTION

- **General presentation of the discipline: place and role of the discipline in the formation of the specific competences of the professional / specialty training program**

The **Introductory university course** is represented by a series of themes, the aim of which is to provide students with knowledge about the behavior in the SMFU "Nicolae Testemitanu", effective methods and techniques of learning, the bases of the information culture and the history of medical education.

The necessity and the usefulness of the course is argued by increasing the importance of personality development, forming a vision of a world appropriate to the demands of society, expressed through the capacity of informational approach, analyzing the informational environment, adapting to the new interdisciplinary tendencies in education.

Additionally, this course' goal is to develop active and participatory methods to the informational - technologically advanced environment by free access and using of virtual libraries. Also, important for students' abilities development is the promotion of independent work, creativity and lifelong learning.

The introductory course task is to help future physicians to develop effective academic work skills by familiarizing themselves with and implementing learning strategies, including the use of different information technologies.

Mission of the curriculum (aim) in professional training

- To provide students with basic knowledge of their social role, rights and obligations as a student of the SMFU; to develop their skills in time organization and learning-optimization by using effective strategies and techniques for acquiring knowledge and putting them into practice.
- **Language (s) of the course:** Romanian, Russian, English;
- **Beneficiaries:** students of the I year, Faculty of Dentistry.

II. MANAGEMENT OF THE DISCIPLINE

Code of discipline	G.01.A.008		
Name of the discipline	Introductory university course		
Person(s) in charge of the discipline	PhD, associate professor Mariana Cernițanu		
Year	I	Semester	1
Total number of hours, including:			30
Lectures	20	Practical/laboratory hours	-
Seminars	-	Self-training	10
Form of assessment	C	Self-training	1

III. TRAINING AIMS WITHIN THE DISCIPLINE

At the end of the discipline study, the student will be able to:

- *at the level of knowledge and understanding:*
 - know the conceptual foundations of general psychology;
 - describe the determining parameters of personality activity;



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- know the main personality traits necessary for the successful practice of medicine.
- accept the principle of lifelong learning;
- appreciate the role of the Information Culture Basics module in the context of the Information Society and Knowledge;
- appreciate of the role of the Medical Scientific Library in the formation of information culture;
- use knowledge of information technologies.

- ***at the application level:***

- theoretical knowledge in the practice of learning activity;
- the main types of strategies encountered in the doctor's activity, according to different criteria;
- processes to stimulate and develop critical thinking and creativity;
- perspicacity and responsibility in learning.
- identifying the information services provided by the Medical Scientific Library;
- knowledge of information resources made available by the Medical Scientific Library;
- knowledge of strategies for retrieving information in different information spaces;
- perception of methods of bibliographic identification of documents;
- knowledge of the rules for the preparation of bibliographic references for scientific papers.
- various information technologies in order to assimilate knowledge.

- ***at the integration level:***

- the psychological knowledge gained in the context of the future profession;
- support of new constructive ideas;
- to retrieve information (simple, advanced, browse) in the library catalog (selecting information by author, title, subject, keyword, ISSN, ISBN, resource type, format, language, year etc.);
- sorting information by relevance, sending by e-mail, adding to e-shelf, printing, citation, exporting to the online catalog;
- use of accessible databases in the Medical Scientific Library;
- search and use of information from institutional repositories;
- adding, organizing, references using Personal Reference Management (EndNote, Mendeley, Zotero);
- integrate knowledge of the application of information technologies in everyday life.

IV. PROVISIONAL TERMS AND CONDITIONS

Student of the first year requires the following:

- knowledge of the language of instruction;
- digital skills (use of the Internet, document processing, electronic tables and presentations);
- ability to communicate, team working, to play certain role plays determined by topics discussed at the seminar;
- personal qualities as tolerance, compassion, autonomy of independence, listening to the other.
- knowing the information and documentation structures (location, organization, services, offers);
- training in the use of information resources (locating and exploiting information irrespective of the source of information);
- orientation in local / national / global information systems, in the modern information flow, and the way of applying the techniques of intellectual work;



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V. THEMES AND ESTIMATE ALLOCATION OF HOURS

Lectures, practical hours/ laboratory hours/seminars and self-training

Nr.	Theme	Lectures	Self-training
1.	SIMU – University Management Information System within the SMFU "N. Testemitanu" - description of the system and the possibilities of operating with. Using SIMU in the student's daily activity.	2	2
2.	<p>The Base of Information Culture.</p> <p>Resources and services provided by the Medical Scientific Library. Institutional Repository in Medical Sciences IRMS - Nicolae Testemitanu. Lib Univ Catalog - The Shared Library of the Republic of Moldova Libraries. Electronic Library of the SMFU "Nicolae Testemitanu", a specific component of the Ex Libris Primo platform.</p> <p>Databases of medical and pharmaceutical profile: HINARI, Access Medicine. Medical Information Resources in Open Access.</p> <p>Communication of information, ethics of information use. The process of citing and presenting references. Personal reference management software: Mendeley, EndNote, Zotero.</p>	8	2
3.	<p>The history of medical education.</p> <p>Description of the fundamental historical concepts of medical education in the Republic of Moldova. Reference and notorious people who have influenced the development of higher education.</p>	2	2
4.	The university learning activity. Effective Learning Strategies. Effective Learning Activity. Requirements for effective learning. Types and functions of university lessons. Description of effective learning strategies. Spatial or distributed learning; intercalation; Self-testing; Reforming information; Alternate learning. Rules for taking notes. Methods of individual learning. Individual work and teamwork. The goal-achievement strategy. Develop positive learning motivation. Effective memorandum strategies. Time management. Effective time planning for learning. Strategies for overcoming stress in learning activity.	4	2
5.	<p>Student's behavior and status in the high institution. The status and roles of the student in the high institution. Student's rights and obligations. Principles of student life in higher education institutions. Group cohesion. Formal and informal leaders in the group. Sociometric test. The student-student relationship The student-teacher relationship. Teacher's expectations from the student. Student Dean's Expectations.</p>	4	2
Totally		20	10



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VI. REFERENCE OBJECTIVES OF CONTENT UNITS

Objectives	Content units
Theme 1. SIMU - Information Management University System within the SMFU "N. Testemitanu "	
<ul style="list-style-type: none"> - can navigate with the purpose of selecting information to communicate and participate in networks through the Internet and Intranet; - be able to use the University Management Information System with confidence. 	<p>Description of the SIMU and the possibilities of operating with it. Using SIMU in the student's daily activity.</p>
Theme 2. Basics of Information Culture.	
<ul style="list-style-type: none"> - skillfully use multimedia technology to receive, evaluate, store, produce, present and exchange information; - access Web 2.0 elements (blogs, wikis, social networks), libraries' websites, databases supporting training and research; - to know the facilities offered by the library's Web site; - to carry out bibliographic research in traditional / electronic information sources (systematic catalog, alphabetical); - create an account in the Electronic Catalog; - to make abstract, electronic documents; 	<p>Resources and services provided by the Medical Scientific Library. Lib Univ Catalog - The Shared Library of the Republic of Moldova Libraries. Electronic Library of the SMFU "Nicolae Testemitanu", a specific component of the Ex Libris Primo platform. Databases of medical and pharmaceutical profile: HINARI, Access Medicine. Personal management software for bibliographic references: Mendeley, End Note, Zotero</p>
Theme 3. The history of medical education.	
<ul style="list-style-type: none"> - to know the main events in the development of medical education. - to know the achievements of renowned scholars in correlation with the evolution of medical sciences; - to learn the skills of preparing the reports and subsequently their public support in the student's scientific fora. - be able to appreciate the laws of scientific, medical, and clinical development; - be able to make use of the scientific advice and achievements of scholars from various periods of medicine; - use competent knowledge in the history of medicine; - to be able to appreciate the place and role of medical history in the education of generations of doctors; 	<p>Moldavian medical education. Description of the historical stages of development of higher education in the Republic of Moldova.</p> <p>Reference and notorious personalities that have influenced the development of higher education.</p>
Theme 4. Academic learning activity. Effective Learning Strategies	



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Objectives	Content units
<ul style="list-style-type: none"> - to identify the main skills required by the company. - to know the types and functions of university lessons. - to demonstrate abilities to analyze and systematize knowledge. - to know the requirements for effective learning. - to know the key strategies for effective learning. - to demonstrate analytical skills when working in a team. - to apply the knowledge gained in individual work. - to integrate knowledge about effective learning methods into the learning process. 	<p>Effective learning activity. Types and functions of university lessons. Recommendations for quick and efficient learning. Learning pyramid. Description of effective learning strategies. Rules for taking notes. Methods of individual learning. Individual work and teamwork.</p>
Topic 5. The student's behavior and status in a high institution.	
<ul style="list-style-type: none"> - to identify the student's main character and temperament traits. - to know the student's rights and obligations. - to know the causes and factors of inefficient communication in the group. - to know the factors that increase group cohesion. - to demonstrate effective communication skills in the group. - to apply methods of overcoming stress in learning activity. - to integrate effective communication skills in the student-student relationship; student-teacher relationship. 	<p>Psychological characteristics of the student's personality. Group communication. Planning and realization of group projects. The theory of emotional intelligence. The status and roles of the student in the high institution. The atmosphere of the group and its influence on the learning efficiency. Formal and informal leaders in the group. Aspiration level of the student.</p>

VII. PROFESSIONAL (SPECIFIC (SC)) AND TRANSVERSAL (TC) COMPETENCES AND STUDY OUTCOMES

PROFESSIONAL (SPECIFIC) (SC) COMPETENCES

PC 1. Identify and use concepts, principles and theories of human activity in general and learning activity in particular.

PC 2. Strong knowledge, understanding and operation of the theoretical knowledge and basic practical methods of learning activity within the SMFU "Nicolae Testemitanu".

TRANSVERSAL COMPETENCES (TC)

CT1. The rigorous and efficient working rules application, manifestation of a responsible attitude towards the scientific and didactic field, optimal and creative valorization of their own potential in specific situations, observing the principles and norms of professional ethics;



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STUDY OUTCOMES

Note. Study outcomes (are deduced from the professional competencies and formative valences of the informational content of the discipline).

- to know methods of effective learning;
- to know the strategies and methods of coping the occupational stress.
- to know the qualities and optimal behavior for the successful practice of medicine.
- to access Web 2.0 elements (blogs, wikis, social networks), libraries' websites, databases supporting training and research;
- to know the facilities offered by the library's Web site;
- to carry out bibliographic research in traditional / electronic information sources (systematic catalog, alphabetical);
- create an account in the Electronic Catalog;
- to make abstract, abstract documents;
- to use the Personal Reference Management Tools for bibliographic references;
- to use SIMU in daily work.

VIII. STUDENT'S SELF-TRAINING

No.	Expected product	Implementation strategies	Assessment criteria	Implementation terms
1.	Working with books and CIT	Systematical work in the library and media. The current electronic sources exploring on the subject	1. The quality of judgments, logical thinking, flexibility. 2. The systematization of the informational material obtained through its own activity.	During the semester

IX. METHODOLOGICAL SUGGESTIONS FOR TEACHING-LEARNING-ASSESSMENT

• *Teaching and learning methods used*

Exposure, interactive lecture, heuristic conversation, problem-solving, brainstorming, group work, individual study, work with textbook and text, debate, problem solving, role play, simulation, interactive listening.

• **Methods of assessment**

- (a) analysis of examples and case studies.
- (b) practicing effective learning strategies

Final: colloquium



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I. RECOMMENDED LITERATURE:

A. *Compulsory:*

1. <http://www.studentguide.org/effective-learning-strategies/>
2. <http://www.learningscientists.org/blog/2016/8/18-1>
3. Repanovici, Angela. Ghid de cultura informației / Angela Repanovici; cuv. de întâmpinare de Mircea Regneală [Carte tipărită]. - București : ABR, 2012. - 115 p.
4. Bazele Culturii Informaționale: Curs universitar / Min. Educației și Tineretului din Rep. Moldova; ABRM ; Univ. de Stat ``Alec Russo``, Catedra Electronică și Informatică, Bibl. Șt. ; director E. Harconița coord. șt.: V. Cabac, V. Guțan; colegiul de red.: E. Harconița, D. Caduc, E. Stratan
5. Cheradi, Natalia. Formarea Culturii Informației a studentului în condițiile modernizării învățământului superior / Natalia Cheradi, Ana Gudima // Revista română de biblioteconomie și știința informării. - 2014. - Nr 2. - P. 49-54. - Bibliogr.: p. 54.

B. *optional*

- Neacsu, I. -Instruire și învățare, Editura științifică, București. 1990.
6. C. Ețco, E. Davidescu Invățarea eficientă. Editura: Bons Offices SRL Chisinau 2010. 210 p.
 7. C. Ețco, E. Davidescu Didactica universitară Tipografia centrală Chișinău 2011. 286 p.