



MINISTRY OF EDUCATION
„OVIDIUS” UNIVERSITY OF CONSTANȚA
Street Mamaia 124, 900527 Constanta, România
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Universitatea „Ovidius” din Constanta
AVIZAT D S A C

„Ovidius” UNIVERSITY Of Constanta (IOSUD)
Doctoral School of Medicine

PhD: Medicine

Form of education: frequency (F); low frequency (LF)
Duration of studies: 4

ANNEX 4b

MINISTRY OF EDUCATION



“OVIDIUS” UNIVERSITY OF CONSTANTA

DOCTORAL SCHOOL OF MEDICINE

CURRICULUM PLAN

(contains 7 pages)

PhD

Study cycle:

Study program:

Duration of studies:

Form of education:

Medicine

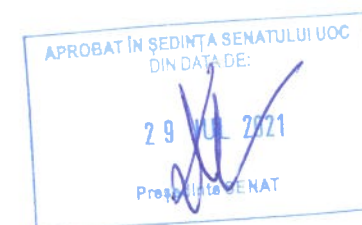
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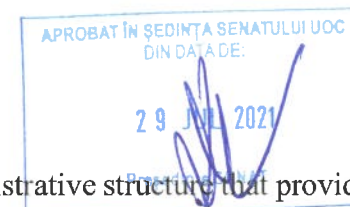
Doctoral studies

4 years

Frequency (F); Low Frequency (LF)

Valid starting with the 2021-2022 academic year





1. MISSION OF THE STUDY PROGRAM

In this mission, the Doctoral School of Medicine (SDM) and Dental Medicine is a complex organizational and administrative structure that provides the necessary support for conducting doctoral studies in the fields of Doctoral Medicine and Dentistry through a innovative theme disciplinary and interdisciplinary. The SDM has created mechanisms to ensure that its curriculum, and especially the mandatory and optional discipline sheets, are periodically reviewed and updated to incorporate new knowledge and new scientific advances in the field. The doctoral school has a policy to stimulate the enrollment of doctoral students that graduates the Faculty of Medicine, but especially from resident doctors, granting social scholarships or organizing support programs to prevent university dropout. At the same time, it aims to develop competent human resource for scientific research, considering the doctoral studies a mature professional experience of PhD students in the field of scientific research, finalized, after supporting the doctoral thesis, by granting the doctorate title, under the conditions laws.

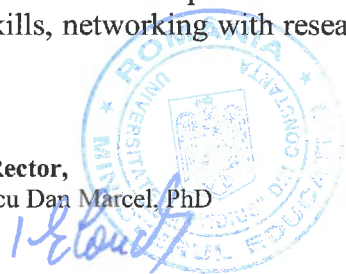
The general objectives of the Doctoral School of Medicine are an appropriate planning of the doctoral curriculum plan, taking into account the skills and competences that PhD students should acquire through each discipline, elaborating the activities specific to each research field in order to form and train high-level academic specialists to become autonomous, creative and critical reasarchers, able to design and carry out original research based on advanced methods, leading both to the development of scientific knowledge specific to the field and to the interdisciplinary and transdisciplinary approach . Doctoral studies in the SDM has the capacity to integrate a competent human resource on the scientific research toa highly skilled market.

In this advanced and scientific research program, for the doctoral students is provided the necessary conditions for professional skills training in the fields of Medicine and Dentistry, as well as the development of cross-cutting skills. The professional competencies of PhD student students of the MSD from UOC must include the acquisition of abilities and advanced knowledge in the field of doctoral studies; developing the capacity to identify, formulate and solve problems within the research project; knowledge of scientific research ethics, management of research projects and identification of specific methods and techniques of advanced research; growing the autonomy in scientific research; acquiring the skills of documenting, elaborating and capitalizing on scientific papers, including the development of language skills, at an academic level, at least in an international circulation language, necessary for documentation, the elaboration of scientific papers and presentation at international symposiums, conferences and congresses.

Transversal competences refers to career development, the capacity to use new information and communication technologies; developing team work skills, networking with researchers from home and abroad; to gain access to grants, to take responsibility for organizing and leading the work of

Rector,

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Director CSUD,

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professional groups, scientific research or specialized institutions in parallel with the permanent acquisition of professional and ethical knowledge regarding the mandatory rules of medical practice in the field of research, copyright and intellectual property.

The SMD also aims to organize PhDs in international fellowship, with the invitation of top-level experts from other university centers in the country or from abroad to support courses / lectures for UOC PhD students. Thanks to the IOSUD material endowment, SMD allows PhD students to carry out research activities in accordance with their mission and objectives (computers, specific software, equipment, laboratory equipment, library, access to international databases, etc.) for the purpose of writing doctoral thesis according to the CNATCDTU standards, capitalization the theses in the form of publications: chapters, monographs, recognized publishing houses, articles in extenso in international databases (included in the research described in the thesis), in magazines at least B +, or ISI, over the minimum criterion CNATCDTU, with the verification of the similarity in doctoral thesis. The existence and effectiveness of the computer system also allow a permanent record of PhD students during their academic period, for limiting the duration of doctoral studies to the one stipulated by the law.

The Doctoral School of Medicine and Dentistry proposes specific strategies and procedures implemented as measures to continuously improve the quality of doctoral programs beyond the specific standards, multiple empowerment dossiers, adaptation to the requirement of labor market the fulfillment of the standards for the assessment of new empowerment criteria by the majority of the co- PhD, and, last but not least, the cooperation agreements with other higher education institutions, research institutes, research networks for the exploitation in various research infrastructures and will publicly present its research offer through its platforms.

2. PROFESSIONAL QUALIFICATION, RELATIONSHIP WITH COR 2021

22109 General physician researcher;

223001 Researcher in traditional medicine;

134209 Chief physician (section);

11208 Director of Polyclinic / Hospital;

2310 University professors



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3. ADMISSION

The admission contest for doctoral studies is held in September according to the approved timetable and consists of a sample interview in which the candidate scientific concerns are examined, the research skills, the proposed research theme and the candidate knowledge of the topic displayed at the doctoral school headquarters.

4. STUDIES CERTIFICATION : Doctor's degree



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CURRICULUM PLAN

Nr. crt.	Discipline cod	*C1	**C2	Discipline	First semester (14 weeks)							Second semester (14 weeks)							Number of hours per discipline			
					SI	C	S	L	P	F.V	CR	SI	C	S	L	P	F.V	CR	Total	Cours	Applications	
				Discipline																		
1.	SDM1.1	DCA	DI	Clinical anatomy and pathology	194	2	-	2	-	Ex	10	-	-	-	-	-	-		56	28	28	
2.	SDM 1.2	DSI	DI	Methodology of scientific research and project management and research grants	194	2	-	2	-	Ex	10	-	-	-	-	-	-		56	28	28	
3.	SDM 2.1	DSI	DI	Biostatistics	194	-	-		-	-		194	2	-	2	-	Ex	10	56	28	28	
4.	SDM 2.2	DSI	DI	Ethics and academic integrity	194	-	-		-	-		194	2	-	2	-	Ex	10	56	28	28	
5.	SDM 1.3	DSI	DO	Writing and publishing a research article; academic writing	194	2	-	2	-	Ex	10	-	-	-	-	-	-	56	28	28		
6.	SDM 1.3	DSP	DO	Physiology																		
7.	SDM 1.4	DSP	DO	Immunology																		
8.	SDM 1.5	DSP	DO	General notions of epidemiology, nosocomial infections and antibiotics																		
9.	SDM 1.6	DSP	DO	Radiology and medical imaging																		
10.	SDM 1.7	DSP	DO	Diagnosis and treatment facts in medical conditions																		
11.	SDM 1.8	DSP	DO	Diagnosis and treatment facts in surgical conditions	194	2	-	2	-	Ex	10	-	-	-	-	-	-	56	28	28		
Total of hours						8		8			40	444	4		4			20	336	168	168	
General Total		Total Physical Hours per Week / Total number of forms of verification / credits				16				6 Ex.	40		8				2 Ex.	20				

LEGEND: * C1 = Content Criterion: DSP - Specialist Disciplines, DSI - Synthesis Subjects, DCA - Advanced Learning Disciplines.

** C2 = mandatory criterion: DI - discipline imposed, DO - optional discipline;

C - course, S - seminar, L - Laboratory, P - Project, CR - Credits, FV - verification form, Ex - Exam, C - Colloquium.

SI - individual study

Note on Optional Packages and Choice: Students will choose two courses from optional courses.



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THE SCIENTIFIC RESEARCH PROGRAM

	Number	Completion	ECTS
Scientific research project	1	Verification	30
Scientific research report submitted to the doctoral supervisor and the guidance committee	3	Verification	30/report
Article from the research activity of the scientific research program	3 articles*	Publication (including approved for publication)	30/article ISI with FI \geq 0,5 15/ article minim PubMed
Participation in conferences, PhD submissions, invited guest lectures (optional)	6	Certificate of attendance / summary published in conference volume / ISI Proceedings	3 / regional or national participation with published summary 5 / international publication with published summary 8 / ISI Proceedings in Extenso
Total ECTS / Research Program			180
General Total ECTS			240

According to OMEN 5110/2018:

*) publication as the first author, sole author or corresponding author of at least three scientific articles, containing results from the content of the thesis, of which:

- a) at least one ISI article (Clarivate Analytics) with FI \geq 0,5;
- b) at least two articles published in PubMed magazines.



5. SPECIFIC CONDITIONS OF ACCESS, PROMOTION / EQUIVALENCE OF YEAR'S STUDY / DISCIPLINE, etc.

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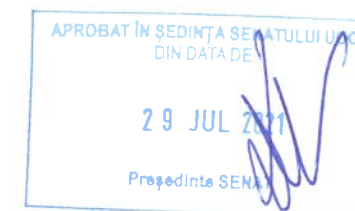
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The promotion of doctoral students within the scientific research program is done by accepting the scientific research project supported by the doctoral supervisor and the guidance committee. The equivalence of the year of in-depth studies followed at other university centers is based on the analysis of the curriculum and the approval of the CSD.

6. STRUCTURE OF THE DOCTOR'S THESIS SUSTINERING

According to the Regulations for Completing Doctoral Studies

7. CONTINUING POSSIBILITIES STUDIES Postdoctoral studies



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