

The Doctoral School of Medicine – Pharmacy and the Doctoral School of Dental Medicine of IOSUD-UMFVBT are organized on disciplines or interdisciplinary topics according to the curriculum, this criteria being thus fulfilled.

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**FIRST YEAR EDUCATION PLAN
2015-2016 DOCTORAL SCHOOL**

UNIVERSITY	"VICTOR BABES" UNIVERSITY OF MEDICINE AND PHARMACY, TIMISOARA		
FUNDAMENTAL DOMAIN HIERARCHY	BIOLOGICAL AND BIOMEDICAL SCIENCES	STUDY PERIOD	4 YEARS
SCIENTIFIC DOMAIN	MEDICINE/DENTAL MEDICINE	DOMAIN	MEDICINE/DENTAL MEDICINE
DOMAIN OF ACADEMIC DOCTORAL STUDIES	MEDICINE/DENTAL MEDICINE	TRANSFERABLE STUDY CREDITS	60 (MANDATORY)

No.	Teaching activities Disciplines	Type	1 st Semester				2 nd Semester				University Total (28 weeks)			
	<i>F.D. Mandatory Discipline</i>		Cs.	P.W.	TSC	Examination form	Cs.	P.W.	TS C	Examination form	Cs.	P.W.	Se m.	T S C
1	Ethics of scientific research	F D	14	14	5	E	-	-	-	-	14	14	-	5
2	Grant projects and European projects	F D	14	14	5	E	-	-	-	-	14	14	-	5
3	Methodology of scientific research	F D	14	14	5	E	-	-	-	-	14	14	-	5
4	Informatics and medical biostatistics	F D	-	-	-	-	14	14	5	E	14	14	-	5
<i>C.D. Optional Disciplines (2 out of five 5)</i>														
5	Documentation and drafting of the doctoral thesis	D C	-	-	-	-	14	14	5	E	14	14	-	5
6	Public presentation of the results of	D C	-	-	-	-	14	14	5	E	14	14	-	5

	scientific research													
7	Classical and modern methods in cardiovascular research	D C	-	-	-	-	1 4	14	5	E	14	1 4	-	5
8	Biomedical applications of fundamental research	D C	-	-	-	-	1 4	14	5	E	14	1 4	-	5
9	Applications of bioinformatics and molecular biochemistry in diagnosis and therapy	D C	-	-	-	-	1 4	14	5	E	14	1 4	-	5
			42	42		3E	4 2	42		3E	84	8 4		
	Total General		84				84				168			
	Total hours/mandatory credits, semester/year				15				15					30

SCIENTIFIC RESEARCH PROJECT (mandatory): 30 credits **TOTAL MANDATORY CREDITS / YEAR = 60 credits**

Explanatory Note: **FD**-fundamental discipline; **CD**-complementary discipline; **E**-exam; **C**-colloquium; **Cs**-course; **L.W.**- practical works; **Sem**-seminar; **TSC** - transferable study credits

* minimum of 15 mandatory credits

FIRST YEAR EDUCATION PLAN 2016-2017 DOCTORAL SCHOOL

UNIVERSITY	"VICTOR BABES" UNIVERSITY OF MEDICINE AND PHARMACY, TIMISOARA		
FUNDAMENTAL DOMAIN HIERARCHY	BIOLOGICAL AND BIOMEDICAL SCIENCES	STUDY PERIOD	4 YEARS
SCIENTIFIC DOMAIN	MEDICINE / DENTAL MEDICINE	DOMAIN	MEDICINE / DENTAL MEDICINE
DOMAIN OF ACADEMIC DOCTORAL STUDIES	MEDICINE / DENTAL MEDICINE	TRANSFERABLE STUDY CREDITS	60 (COMPULSORY)

Nr	Teaching activities Disciplines	Type	1 st Semester	2 nd Semester	University Total (28 weeks)
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	<i>F.D. Mandatory Disciplines</i>		Cs.	P. W.	TSC	Exam ination form	Cs.	P. W.	TSC	Exam ination form	Cs.	P. W.	Se m.	T S C
1.	Methodology of scientific research	FD	14	14	5	E	-	-	-	-	14	14	-	5
2.	Ethics od Scientific Research	FD	14	14	5	E	-	-	-	-	14	14	-	5
3.	Biostatistics and medical informatics	FD	14	14	5	E	-	-	-	-	14	14	-	5
4.	Methodology of drafting and publishing scientific articles	FD	-	-	-	-	14	14	5	E	14	14	-	5
5.	Design and management of grant projects	FD	-	-	-	-	14	14	5	E	14	14	-	5
<i>C.D. Optional Disciplines (1 out of 5)</i>														
6.	Experimental models on laboratory animals	CD	-	-	-	-	14	14	5	E	14	14	-	5
7.	Writing of the doctoral thesis. Intellectual property.	CD	-	-	-	-	14	14	5	E	14	14	-	5
8.	Biomaterials and new technologies in medical research	CD	14	14	5	E	-	-	-	-	14	14	-	5
9.	Bioinformatics and genomics applied in medical research	CD	-	-	-	-	14	14	5	E	14	14	-	5
10	Updates in national and international medical research	CD	-	-	-	-	14	14	5	E	14	14	-	5
			42	42		3E	42	42		3E	84	84		
	General Total		84				84				168			
	Total hours/mandatory credits, semester/year				15				15					30

SCIENTIFIC RESEARCH PROJECT (mandatory): 30 credits **TOTAL MANDATORY CREDITS / YEAR = 60 credits**

Explanatory Note: **FD**-fundamental discipline; **CD**-complementary discipline; **E**-exam; **C**-colloquium; **Cs**-course; **L.W.**- practical works; **Sem**-seminar; **TSC** - transferable study credits

http://old.umft.ro/data_files/documente-atasate-sectiuni/2554/plan_20de_20invatamant_202016-2017.pdf

**FIRST YEAR EDUCATION PLAN
2017-2018 DOCTORAL SCHOOL**

UNIVERSITY	"VICTOR BABES" UNIVERSITY OF MEDICINE AND PHARMACY, TIMISOARA		
FUNDAMENTAL DOMAIN HIERARCHY	BIOLOGICAL AND BIOMEDICAL SCIENCES	STUDY PERIOD	1st Year
SCIENTIFIC DOMAIN	MEDICINE / DENTAL MEDICINE	DOMAIN	MEDICINE / DENTAL MEDICINE
DOMAIN OF ACADEMIC DOCTORAL STUDIES	MEDICINE / DENTAL MEDICINE	TRANSFERABLE STUDY CREDITS	60 (COMPULSORY)

Nr .	Teaching activities Disciplines	Type	1st Semester				2nd Semester				University Total			
	<i>F.D. Mandatory Disciplines</i>		Cs.	P.W.	TSC	Examination form	Cs.	P.W.	TSC	Examination form	Cs.	P.W.	Sem.	TSC
1.	Methodology of scientific research	FD	1	1	5	E	-	-	-	-	14	14	-	5
2.	Ethics of Scientific Research	FD	1	1	5	E	-	-	-	-	14	14	-	5
3.	Biostatistics and medical informatics	FD	1	1	5	E	-	-	-	-	14	14	-	5
4.	Methodology of drafting and publishing scientific articles	FD	-	-	-	-	1	1	5	E	14	14	-	5
5.	Design and management of grant projects	FD	-	-	-	-	1	1	5	E	14	14	-	5
<i>C.D. Optional Disciplines (1 out of 5)</i>														
6.	Experimental models on laboratory animals	CD	-	-	-	-	1	1	5	E	14	14	-	5
7.	Writing of the doctoral thesis. Intellectual property.	CD	-	-	-	-	1	1	5	E	14	14	-	5
8.	Biomaterials and new technologies in medical research	CD	1	1	5	E	-	-	-	-	14	14	-	5

9.	Bioinformatics and genomics applied in medical research	CD	-	-	-	-	1	1	5	E	14	14	-	5	
10	Updates in national and international medical research	CD	-	-	-	-	1	1	5	E	14	14	-	5	
			3/4	3/4		3E/4E	2/3	2/3		2E/3E	84	84			
	General Total		6/8				4/6					168			
	Total hours/mandatory credits, semester/year					15/20								30	

SCIENTIFIC RESEARCH PROJECT (mandatory): 30 credits **TOTAL MANDATORY CREDITS / YEAR = 60 credits**

Explanatory Note: **FD**-fundamental discipline; **CD**-complementary discipline; **E**-exam; **C**-colloquium; **Cs**-course; **L.W.**- practical works; **Sem**-seminar; **TSC** - transferable study credits

http://old.umft.ro/data_files/documente-atasate-sectiuni/4333/plan_20de_20invatamant_202017-2018.pdf

FIRST YEAR EDUCATION PLAN 2018-2019 DOCTORAL SCHOOL

UNIVERSITY	"VICTOR BABES" UNIVERSITY OF MEDICINE AND PHARMACY, TIMISOARA		
FUNDAMENTAL DOMAIN HIERARCHY	BIOLOGICAL AND BIOMEDICAL SCIENCES	STUDY PERIOD	1st Year
SCIENTIFIC DOMAIN	MEDICINE / DENTAL MEDICINE	DOMAIN	MEDICINE / DENTAL MEDICINE/PHARMACY
DOMAIN OF ACADEMIC DOCTORAL STUDIES	MEDICINE / DENTAL MEDICINE	TRANSFERABLE STUDY CREDITS	60 (COMPULSORY)

Nr. crt	Teaching activities Disciplines	Type	1st Semester				2nd Semester				University Total			
			Cs.	P. W.	TSC	Exam ination form	Cs.	P. W.	TSC	Exam ination form	Cs.	P. W.	Sem.	T S C
1.	Methodology of scientific research	FD	1	1	5	E	-	-	-	-	14	14	-	5
2.	Ethics of Scientific Research	FD	1	1	5	E	-	-	-	-	14	14	-	5
3.	Biostatistics and medical informatics	FD	1	1	4	E	-	-	-	-	14	14	-	4

4.	Methodology of drafting and publishing scientific articles	FD	-	-	-	-	1	1	5	E	14	14	-	5
5.	Design and management of grant projects	FD	-	-	-	-	1	1	4	E	14	14	-	4
6.	Ethics and academic integrity	FD	-	-	-	-	1	1	4	E	14	14	-	4
<i>C.D. Optional Disciplines (1 out of 5)</i>														
7.	Experimental models on laboratory animals	CD	-	-	-	-	1	1	3	E	14	14	-	3
8.	Writing of the doctoral thesis. Intellectual property.	CD	-	-	-	-	1	1	3	E	14	14	-	3
9.	Modern techniques in medical research	CD	-	-	-	-	1	1	3	E	14	14	-	3
10.	Bioinformatics and genomics applied in medical research	CD	-	-	-	-	1	1	3	E	14	14	-	3
11.	Updates in national and international medical research	CD	-	-	-	-	1	1	3	E	14	14	-	3
			3	3		3E	4	4		4E	98	98		
	General Total		6				8				196			
	Total hours/mandatory credits, semester/year				14				16					30

SCIENTIFIC RESEARCH PROJECT (mandatory): 30 credits **TOTAL MANDATORY CREDITS / YEAR = 60 credits**

Explanatory Note: **FD**-fundamental discipline; **CD**-complementary discipline; **E**-exam; **C**-colloquium; **Cs**-course; **L.W.**- practical works; **Sem**-seminar; **TSC** - transferable study credits

http://old.umft.ro/data_files/documente-atasate-sectiuni/4334/plan_20de_20invatamant_202018-2019.pdf

**FIRST YEAR EDUCATION PLAN
2019-2020 DOCTORAL SCHOOL**

UNIVERSITY	"VICTOR BABES" UNIVERSITY OF MEDICINE AND PHARMACY, TIMISOARA		
FUNDAMENTAL DOMAIN HIERARCHY	BIOLOGICAL AND BIOMEDICAL SCIENCES	STUDY PERIOD	1st Year

SCIENTIFIC DOMAIN	MEDICINE / DENTAL MEDICINE/PHARMACY	DOMAIN	MEDICINE / DENTAL MEDICINE/PHARMACY
DOMAIN OF ACADEMIC DOCTORAL STUDIES	MEDICINE / DENTAL MEDICINE/PHARMACY	TRANSFERABLE STUDY CREDITS	60 (COMPULSORY)

Nr crt	Teaching activities Disciplines	Type	1st Semester				2nd Semester				University Total			
	<i>F.D. Mandatory Disciplines</i>		Cs.	P.W.	TSC	Examination form	Cs.	P.W.	TSC	Examination form	Cs.	P.W.	Sem.	TSC
1.	Methodology of scientific research	FD	1	1	5	E	-	-	-	-	14	14	-	5
2.	Ethics of Scientific Research	FD	1	1	5	E	-	-	-	-	14	14	-	5
3.	Biostatistics and medical informatics	FD	1	1	4	E	-	-	-	-	14	14	-	4
4.	Methodology of drafting and publishing scientific articles	FD	-	-	-	-	1	1	5	E	14	14	-	5
5.	Design and management of grant projects	FD	-	-	-	-	1	1	4	E	14	14	-	4
6.	Ethics and academic integrity	FD	-	-	-	-	1	1	4	E	14	14	-	4
<i>D.C. Optional Disciplines (1 out of 5)</i>														
7.	Experimental models in translational research	CD	-	-	-	-	1	1	3	E	14	14	-	3
8.	Writing of the doctoral thesis. Intellectual property.	CD	-	-	-	-	1	1	3	E	14	14	-	3
9.	Modern techniques in medical research	CD	-	-	-	-	1	1	3	E	14	14	-	3
10.	Bioinformatics and genomics applied in medical research	CD	-	-	-	-	1	1	3	E	14	14	-	3
11.	Updates in national and international medical research	CD	-	-	-	-	1	1	3	E	14	14	-	3
			3	3		3E	4	4		4E	98	98		
	General Total		6				8				196			
	Total hours/compulsory credits, semester/year				14				16					30

SCIENTIFIC RESEARCH PROJECT (mandatory): 30 credits **TOTAL MANDATORY CREDITS / YEAR = 60 credits**

Explanatory Note: **FD**-fundamental discipline; **CD**-complementary discipline; **E**-exam; **C**-colloquium; **Cs**-course; **L.W.**- practical works; **Sem**-seminar; **TSC** - transferable study credits

http://old.umft.ro/data_files/documente-atasate-sectiuni/5824/plan_20de_20invatamant_202019-2020_20.pdf

**FIRST YEAR EDUCATION PLAN
2020-2021 DOCTORAL SCHOOL**

UNIVERSITY	"VICTOR BABES" UNIVERSITY OF MEDICINE AND PHARMACY, TIMISOARA		
FUNDAMENTAL DOMAIN HIERARCHY	BIOLOGICAL AND BIOMEDICAL SCIENCES	STUDY PERIOD	1st Year
SCIENTIFIC DOMAIN	MEDICINE / DENTAL MEDICINE/PHARMACY	DOMAIN	MEDICINE / DENTAL MEDICINE/PHARMACY
DOMAIN OF ACADEMIC DOCTORAL STUDIES	MEDICINE / DENTAL MEDICINE/PHARMACY	TRANSFERABLE STUDY CREDITS	60 (COMPULSORY)

Nr crt	Teaching activities Disciplines <i>F.D. Mandatory Disciplines</i>	Type	1st Semester				2nd Semester				University Total			
			Cs.	P.W.	TSC	Examination form	Cs.	P.W.	TSC	Examination form	Cs.	P.W.	Sem.	TSC
1.	Methodology of scientific research	FD	1	1	5	E	-	-	-	-	14	14	-	5
2.	Ethics of Scientific Research	FD	1	1	5	E	-	-	-	-	14	14	-	5
3.	Biostatistics and medical informatics	FD	1	1	4	E	-	-	-	-	14	14	-	4
4.	Methodology of drafting and publishing scientific articles	FD	-	-	-	-	1	1	5	E	14	14	-	5
5.	Design and management of grant projects	FD	-	-	-	-	1	1	4	E	14	14	-	4
6.	Ethics and academic integrity	FD	-	-	-	-	1	1	4	E	14	14	-	4
<i>D.C. Optional Disciplines (1 out of 5)</i>														
7.	VII. Experimental models in translational research	CD	-	-	-	-	1	1	3	E	14	14	-	3
8.	Communication, public speaking and poster presentation	CD	-	-	-	-	1	1	3	E	14	14	-	3
9.	Modern techniques in medical and pharmaceutical research	CD	-	-	-	-	1	1	3	E	14	14	-	3
10.	Bioinformatics and genomics applied in medical research	CD	-	-	-	-	1	1	3	E	14	14	-	3
11.	Evidence-based medicine	CD	-	-	-	-	1	1	3	E	14	14	-	3
			3	3		3E	4	4		4E	98	98		
General Total			6				8				196			
Total hours/mandatory credits, semester/year					14			16						30

SCIENTIFIC RESEARCH PROJECT (mandatory): 30 credits **TOTAL MANDATORY CREDITS / YEAR = 60 credits**

Explanatory Note: **FD**-fundamental discipline; **CD**-complementary discipline; **E**-exam; **C**-colloquium; **Cs**-course; **L.W.**- practical works; **Sem**-seminar; **TSC** - transferable study credits

http://old.umft.ro/data_files/documente-atasate-sectiuni/7046/plan_20de_20_c3_aenv_c4_83_c5_a3_c4_83m_c3_a2nt_202020-2021.pdf