

CURRICULUM–1st year
2024-2025

HIGHER EDUCATION INSTITUTION	"VICTOR BABES" UNIVERSITY OD MEDICINE AND PHARMACY TIMISOARA		SPECIALIZATION					LASERS IN DENTAL MEDICINE									
FACULTY	FACULTY OF DENTISTRY		GRADUATE TITLE					MASTER SPECIALIST IN THE USE OF LASERS IN DENTAL MEDICINE									
FIELD OF STUDY	DENTISTRY		STUDY PERIOD					2 YEARS									
CYCLE OF STUDY	MASTER		TRANSFERABLE STUDY CREDITS					60 (MANDATORY, OPTIONAL)									
No.	Educational activities Discipline		Tip DAP/ DSI/ DCA	I Semester					II Semester					Total university (28 weeks)			
	<i>Mandatory subjects</i>			Cs.	L.P.	Sem.	CST	Forma verif.	Cs.	L.P.	Sem.	CST	Forma verif.	Cs.	L.P.	Sem.	CST
1.	Optics 1		DSI	1	2	-	3	C	-	-	-	-	-	14	28	-	3
2.	Optics 2		DSI	1	-	-	1	C	-	-	-	-	-	14	-	-	1
3.	Laser Physics		DSI	1	1	-	4	E	-	-	-	-	-	14	14	-	4
4.	Laser Safety		DSI	1	1	-	4	E	-	-	-	-	-	14	14	-	4
5.	The properties of lasers		DSI	1	1,5	-	5	E	-	-	-	-	-	14	21	-	5
6.	Laser Applications in Dentistry		DSI	1	1,5	-	6	E	-	-	-	-	-	14	21	-	6
7.	Laser-tissue Interaction		DSI	1	1	-	6	E	-	-	-	-	-	14	14	-	6
8.	Optional Discipline		DCA	0,5	-	-	1	C	-	-	-	-	-	7	-	-	1
9.	Optical Coherence Tomography (OCT)		DSI	-	-	-	-	-	1	1	-	2	C	14	14	-	2
10.	Diagnostic, Laser Fluorescence		DSI	-	-	-	-	-	1	1,5	-	4	E	14	21	-	4
11.	Laser Doppler Flowmetry		DSI	-	-	-	-	-	1	0,5	-	1	C	14	7	-	1
12.	Laser in Preventive Dentistry		DSI	-	-	-	-	-	1	0,5	-	4	E	14	7	-	4
13.	Laser in Dental Therapy, Dental Hypersensitivity		DCA	-	-	-	-	-	1	1	-	4	E	14	14	-	2
14.	Pulp capping, Laser in Endodontics: biomechanical treatment, laser – assisted		DCA	-	-	-	-	-	1,5	1,5	-	6	E	21	21	-	6
15.	Laser in Pedodontics		DCA	-	-	-	-	-	1	2	-	6	E	14	28	-	6
16.	Optional Discipline		DCA	-	-	-	-	-	0,5	-	-	1	C	7	-	-	1
17.	Specialized practice (15 days in July and August, after the end of the summer session, 8 hours /day; it is marked with admitted /relected)		-	-	-	-	-	-	-	-	-	2	C	-	120	-	2
<i>Optional Disciplines</i>																	
18.	Laser Treatment for Patients with medical risk		DCA	0,5	-	-	1	C	-	-	-	-	-	7	-	-	1
19.	Laser-assisted emergency dentistry		DCA	0,5	-	-	1	C	-	-	-	-	-	7	-	-	1
20.	The laser in the digitization era		DCA	-	-	-	-	-	0,5	-	-	1	C	7	-	-	1
21.	Laser-assisted treatment for patients with special needs		DCA	-	-	-	-	-	0,5	-	-	1	C	7	-	-	1
GENERAL TOTAL				7,5	8	-	30	5 E	8	8	-	30	5 E	217	344	-	60
TOTAL HOURS /CREDITS/SEMESTER/YEAR				217/30/I				3 C	224/30/II				4 C	561/60/I+II			

Theory/practical activity report

DAP (in-depth discipline) / **DSI** (synthesis discipline) / **DCA** (advanced knowledge discipline);

E-exam; **C**-colloquium; **Cs**-course; **L.P.**- practical activity; **Sem**-seminar; **CST**-transferable study credits

Rector

Prof.univ.dr. Octavian –Marius Crețu

Didactic Vice-rector

Prof.univ.dr.Daniel Lighezan

Dean

Prof.univ.dr. Meda-Lavinia Negruțiu

Program Coordinators

Conf.univ.dr. Mariana Miron

Prof.univ.dr. Cosmin Sinescu