

CURRICULUM – Ist YEAR (new)
2023-2024

UNIVERSITY	George Emil Palade University of Medicine, Pharmacy, Science, and Technology of Târgu Mureș	STUDY PROGRAMME	DENTAL TECHNOLOGY - Extension in Bistrita City
FACULTY	FACULTY OF DENTAL MEDICINE	TITLE AWARDED	LICENSED IN DENTAL TECHNOLOGY
FIELD OF STUDY	HEALTH	DURATION OF STUDIES	3 YEARS
LEVEL OF COVERAGE	GENERAL	TRANSFERABLE CREDITS (ECTS)	60+2 (COMPULSORY - OPTIONAL)

Nr. crt.	Educational activities Subjects	Subject code/ Type	I st Semester								II nd Semester								Total per academic year			
			Module I (7 weeks) - fundamental, complementary, domain				Module II (7 weeks) – specialty				Module III (7 weeks) – specialty				Module IV (7 weeks) – specialty							
			Course	P.a Sem	ECTS	Verif form	Course	P.a Sem	ECTS	Verif form	Course	P.a Sem	ECTS	Verif form	Course	P.a Sem	ECTS	Verif form	Course	P.a/ Sem	Indiv. st	ECTS
1.	Anatomy	TDE 101/FS	4	4	3	E													28	28	19	3
2.	Biochemistry	TDE 102/FS	2	2	3	E													14	14	47	3
3.	Hygiene	TDE 103/DS	2	2	3	E													14	14	47	3
4.	Histology. Morphopathology*	TDE 104/FS	2	2	3	E													14	14	47	3
5.	Medical first aid	TDE 105/DS	-	2	2	C													-	14	36	2
6.	Teeth and dental arches morphology	TDE 106/SS	4	-	-	-	-	10	7	E									28	70	77	7
7.	Pharmacology	TDE 107/FS					2	2	2	E									14	14	22	2
8.	Physiology. Physiopathology *	TDE 108/FS					2	2	2	E									14	14	22	2
9.	Materials used in dental technique	TDE 109,110/SS					2	4	3	E	2	6	6	E					28	70	127	9
10.	Organization of the dental laboratory, ergonomics and professional legislation**	TDE 111/SS									2	-	2	C					14	-	36	2
11.	Paediatric dentistry (concepts)	TDE 112/SS									2	-	2	C					14	-	36	2
12.	Foreign languages	TDE 113/CS									-	-/4	2	C					-	-/28	22	2
13.	Medical and dental terminology	TDE 114/RS									2	-	2	C					14	-	36	2
14.	Biophysics	TDE 115/FS									2	4	2	E					14	28	8	2
15.	Prosthodontics (single-tooth restorations)	TDE 116/SS									2	-	2	C					14	-	36	2
16.	Physical education ***	TDE 117/CS													-	4	2	C	-	28	-	2
17.	Laboratory instruments and appliances	TDE 118/SS													2	4	3	E	14	28	33	3
18.	Healthcare informatics and biostatistics	TDE 119/CS													2	4	2	E	14	28	8	2
19.	Fixed prosthodontics technology - (Single- tooth restaurations / Dental Bridges) (I)	TDE 120/SS													4	4	3	E	28	28	19	3
20.	Specialty practice	TDE 121/SS													-	-	2	C	-	120	-	2
21.	Optional subject****	TDE 122, 123/FS	2	2	2	C									2	2	2	C	28	28	44	4
TOTAL		7FS, 2DS, 3CS, 8SS, 1 RS	16	14	16	4E,2C	6	18	14	4E	12	10/4	18	2E, 5C	10	18	12+2	3E,3C	308	540/28	722	60+2
TOTAL HOURS/CREDITS			27 hours/week - 30 ECTS/semester								27 hours /week - 30+2 ECTS/semester								876			
**** Optional subjects / one subject of choice: from the DENTAL TECHNOLOGY package																						

*For Physiology. Physiopathology: Physiology 8 hours of courses, 8 hours pf PA and Physiopathology 6 hours of lectures, 6 hours pf PA.
*For Histology. Morphopathology: Histology 8 hours of courses, 8 hours pf PA and Morphopathology 6 hours of courses, 6 hours pf PA.
** It takes place together with the IIIrd year (2 hours/week/module)
*** Additional credits to the 60 ECTS.
Explanatory notes regarding Specialty practice: 3 weeks, 8 hours x 5 days/week
Theory / practice ratio: (PA, Seminar, Specialty practice) - 308:568 = 1 : 1,84
DS – domain subject; **SS** – specialty subject; **CS** – complementary subject; **FS** –fundamental subject; ; **RS** – relevant subject; **OPT** - Optional subject; **ECTS** – European System of Transferable credits.
E – examination; **C** – colloquium; **Cs** – course; **PA** – practical activities; **SP** – Specialty practice; **Sem** – seminar; **Indiv. st** – individual study hours

RECTOR,

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STUDY PROGRAMME MANAGER,

Conf. Dr. Diana Cerghizan

FACULTY CHIEF SECRETARY,

Ec. Gabriela Pop

**CURRICULUM – IInd YEAR
2023-2024**

UNIVERSITY	George Emil Palade University of Medicine, Pharmacy, Science, and Technology of Târgu Mureș	STUDY PROGRAMME	DENTAL TECHNOLOGY - Extension in Bistrita City
FACULTY	FACULTY OF DENTAL MEDICINE	TITLE AWARDED	LICENSED IN DENTAL TECHNOLOGY
FIELD OF STUDY	HEALTH	DURATION OF STUDIES	3 YEARS
LEVEL OF COVERAGE	GENERAL	TRANSFERABLE CREDITS (ECTS)	60+2 (COMPULSORY - OPTIONAL)

Nr. crt.	Educational activities Subjects	Subject code/ Type	I st Semester								II nd Semester								Total per academic year				
			Module I (7 weeks) – specialty, complementary, domain				Module II (7 weeks) – specialty				Module III (7 weeks) – specialty				Module III (7 weeks) – specialty								
			Course	P.a Sem	ECTS	Verif form	Course	P.a Sem	ECTS	Verif form	Course	P.a Sem	ECTS	Verif form	Course	P.a Sem	ECTS	Verif form	Course	P.a/ Sem	Indiv. st	ECTS	
1	Behavioural sciences and bioethics	TDE 201/CS	2	-	2	C													14	-	36	2	
2	Microbiology and virusology	TDE 202/DS	2	2	3	E													14	14	47	3	
3	Ortodontics and dento-facial orthopedics	TDE 203,204/SS	4	4	4	E									4	4	3	E	56	56	63	7	
4	Dentogenics and facial aesthetics	TDE 205,206/SS	2	4	4	E					2	4	4	E					28	56	116	8	
5	Physical education*	TDE 207/CS	-	4	2	C													-	28	-	2	
6	Fixed prosthodontics	TDE 208/SS	4	-	-	-	-	8	5	E									28	56	41	5	
7	Technology of fixed dental prosthesis-dental bridges	TDE 209/SS					4	16	8	E									28	112	60	8	
8	Methodology of scientific research	TDE 210/SS					2	-	2	C									14	-	36	2	
9	Ergonomics	TDE 211/SS					2	-	2	C									14	-	36	2	
10	Foreign languages	TDE 212/CS									-	-/4	3	C					-	-/28	47	3	
11	Complete denture technology	TDE 213/SS									2	8	-	-	2	8	8	E	28	112	60	8	
12	Concepts of prosthodontics - total prosthesis	TDE 214/SS									2	4	-	-	2	4	6	E	28	56	66	6	
13	Concepts of odontology	TDE 215/SS													4	-	2	C	28	-	22	2	
14	Annual clinical practice	TDE 216/SS													-	-	2	C	-	160	-	2	
15	Optional subject **	TDE 217/SS													2	-	2	C	14	-	36	2	
TOTAL		11SS, 3CS, 1DS	14	14	13+2	3E, 2C	8	24	17	2E,2C	6	16/4	7	1E, 1C	14	16	23	3E, 3C	294	650/28	666	60+2	
TOTAL HOURS/CREDITS			30 hours /week - 30 + 2 ECTS/semester								28 hours /week - 30 ECTS/semester								972				
**Optional subjects / one subject of choice: from the DENTAL TECHNOLOGY package																							

* Additional credits to the 60 ECTS.

Explanatory notes regarding Annual clinical practice: 4 weeks, 8 hours x 5 days/week.

Theory / practice ratio (PA, Seminar, Specialty practice) - 294 : 678 = 1 : 2,31

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**CURRICULUM – IIIrd YEAR
2023-2024**

UNIVERSITY	George Emil Palade University of Medicine, Pharmacy, Science, and Technology of Târgu Mureș	STUDY PROGRAMME	DENTAL TECHNOLOGY - Extension in Bistrita City
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FIELD OF STUDY	HEALTH	DURATION OF STUDIES	3 YEARS
LEVEL OF COVERAGE	GENERAL	TRANSFERABLE CREDITS (ECTS)	60+2 (COMPULSORY - OPTIONAL)

Nr. crt.	Educational activities Subjects	Subject code/ Type	I st Semester								II nd Semester								Total per academic year			
			Module I (7 weeks) – specialty				Module II (7 weeks) – specialty				Module III (7 weeks) – specialty				Module IV (7 weeks) – specialty							
			Course	P.a Sem	ECTS	Verif form	Course	P.a Sem	ECTS	Verif form	Course	P.a Sem	ECTS	Verif form	Course	P.a Sem	ECTS	Verif form	Course	P.a/ Sem	Indiv. st	ECTS
1	Technology of removable prosthesis	TDE 301/SS	4	24	9	E													28	168	29	9
2	Concepts of periodontology	TDE 302/SS	2	2	3	E													14	14	47	3
3	Concepts of prosthodontics-removable prosthesis	TDE 303/SS					4	8	7	E									28	56	91	7
4	Technology of orthodontic appliances	TDE 304,305/SS					4	4	4	E					4	6	5	E	56	70	99	9
5	Technology of surgical devices. OMF surgery concepts	TDE 306/SS					4	4	5	C									28	28	69	5
6	Technological concepts of guided surgery	TDE 307/RS					2	-	2	C									14	-	36	2
7	Metal-ceramic technologies	TDE 308/SS									4	8	7	E					28	56	91	7
8	Labor protection in the dental laboratory	TDE 309/SS									-	-/4	2	C					-	-/28	22	2
9	Organization of the dental technology laboratory, ergonomics and professional legislation *	TDE 310/SS									2	-	2	C					14	-	36	2
10	All ceramic and CAD/CAM technologies	TDE 311/RS									4	4	4	E					28	28	44	4
11	Prosthetic technologies on implants	TDE 312/SS													4	8	6	E	28	56	66	6
12	Practical skills and specialty training **	TDE 313/SS													-	-	2	C	-	112	-	2
13	Optional subject ***	TDE 314/SS													2	-	2	C	14	-	36	2
TOTAL		11SS, 2RS	6	26	12	2E	14	16	18	2E, 2C	10	12/4	15	2E, 2C	10	14	15	2E, 2C	280	588/28	666	60
TOTAL HOURS/CREDITS			31 hours /week - 30 ECTS/semester								25 hours /week - 30 ECTS/semester								896			
*** Optional subjects / one subject of choice: from the DENTAL TECHNOLOGY package																						

* It takes place together with the Ist year (2 hours/week/module)
** Practical skills and specialty training: 112 hours in the IInd semester (8 hours /week); Preparation of the graduation thesis: 160 hours in the Ist and IInd semester;
Theory / practice ratio (PA, Seminar, Specialty training) - 280 : 616 = 1 : 2,2
DS – domain subject; SS – specialty subject; CS – complementary subject; RS – relevant subject; OPT - Optional subject; ECTS – European System of Transferable credits.
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