

**CURRICULUM – IST YEAR
2020-2021**

UNIVERSITY	“George Emil Palade” UNIVERSITY OF MEDICINE, PHARMACY, SCIENCE AND TECHNOLOGY OF TÂRGU MURES	STUDY PROGRAMME	DENTAL MEDICINE (ENGLISH LANGUAGE)
FACULTY	FACULTY OF DENTAL MEDICINE	TITLE	DOCTOR OF DENTAL MEDICINE
FIELD OF STUDY	HEALTH	DURATION OF STUDIES	6 YEARS
LEVEL OF COVERAGE	SECTORIAL	TRANSFERABLE CREDITS (ECTS)	60 (COMPULSORY - OPTIONAL)

Nr. crt.	Educational activities Subjects	Subject code/ Type	I st Semester								II nd Semester								Total per academic year			
			Module I (7 weeks)				Module II (7 weeks)				Module III (7 weeks)				Module IV (7 weeks)							
			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	Cell and molecular biology	DEL101/FS	4	4	4	E													28	28	56	4
2	Anatomy and embriology	DEL102/FS	4	6	6	E													28	42	84	6
3	Physiology	DEL103/FS	4	6	6	E													28	42	84	6
4	Biophysics. Biophysics in dentistry	DEL104/FS					4	4	4	E									28	28	56	4
5	General biochemstry	DEL105/FS					2	4	4	E									14	28	70	4
6	Histology. Cytology	DEL106/FS					4	4	4	E									28	28	56	4
7	Foreign language 1	DEL107,108/CS					-	-/4	2	C	-	-/4	2	C					-	-/56	56	4
8	Physical education	DEL109/CS					-	2	-	-	-	4	2	C					-	42	-	2
9	First aid measures/Communication skills	DEL110/SS									2	2	2	E					14	14	28	2
10	Hygiene and health education	DEL111/DS									2	4	2	E					14	28	14	2
11	Medical terminology	DEL112/RS									2	-	2	C					14	-	42	2
12	Behavioural sciences	DEL113/CS									2	2	2	E					14	14	28	2
13	Bioethics and medical deontology	DEL114/SS									2	-	2	C					14	-	42	2
14	Neuroanatomy and cervical anatomy	DEL115/FS													4	6	5	E	28	42	56	5
15	Biochemistry of the oral cavity	DEL116/SS													2	2	3	E	14	14	56	3
16	Teeth and dental arches morphology. Masticatory function	DEL117/SS													4	12	6	E	28	84	98	6
17	Annual clinical practice	DEL118/SS													-	-	2	C	-	160	-	2
18	Optional subject*	DEL119/DS/SS													2	-	2	C	14	-	42	2
TOTAL :		7FS, 2DS, 5SS, 3CS, 1RS	12	16	16	3E	10	14/4	14	3E,1C	10	12/4	12+2	3E,4C	10	20	18	3E,2C	308	594/56	868	60+2
TOTAL HOURS/ ECTS			28 hours /week - 30 ECTS/semester								29 hours /week - 30 +2 ECTS/semester								958			
*Optional subject / 1 subject /year : PRECLINICAL package																						

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

Explanatory notes regarding complex subjects - First aid measures/Communication skills: First aid measures: 8 hours - courses, 8 hours – P.a. and Communication skills: 6 hours - courses, 6 hours – P.a.

Theory / practice ratio: (P.a, Seminar, Internship, clinical practice) 308 : 650 = 1 : 2,11

FS –fundamental subject; DS – domain subject; SS – specialty subject; CS – complementary subject; RS – relevant subject.

E – examination; C– colloquium; Cs – course; PA – practical activities; Sem – seminar; Is – internship; Indiv.st - individual study hours; Verif form - verification type; ECTS – Transferable credits.

R E C T O R,
Prof. Azamfirei Leonard PhD

VICE - RECTOR FOR EDUCATION
Prof. Oana Mărginean PhD
Prof. Klara Brînzaniuc PhD

D E A N,
Prof. Cristina Ioana Bica PhD

FACULTY CHIEF SECRETARY ,
Ec. Pop Gabriela

**CURRICULUM –IIND YEAR
2020-2021**

UNIVERSITY	“George Emil Palade” UNIVERSITY OF MEDICINE, PHARMACY, SCIENCE AND TECHNOLOGY OF TÂRGU MURES	STUDY PROGRAMME	DENTAL MEDICINE (ENGLISH LANGUAGE)
FACULTY	FACULTY OF DENTAL MEDICINE	TITLE	DOCTOR OF DENTAL MEDICINE
FIELD OF STUDY	HEALTH	DURATION OF STUDIES	6 YEARS
LEVEL OF COVERAGE	SECTORIAL	TRANSFERABLE CREDITS (ECTS)	60 (COMPULSORY - OPTIONAL)

Nr. crt	Educational activities Subjects	Subject code/ Type	I st Semester								II nd Semester								Total per academic year			
			Module I (7 weeks)				Module II (7 weeks)				Module III (7 weeks)				Module IV (7 weeks)							
			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	Clinical, topographic and imaging anatomy	DEL201/FS	4	4	6	E													28	28	98	6
2	Morphopathology	DEL202,203/FS	2	2	-	-	4	4	5	E									42	42	42	5
3	Genetics	DEL204/DS	2	2	4	E													14	14	84	4
4	Immunology	DEL205/DS	2	-	2	C													14	-	42	2
5	Foreign language 2	DEL206,207/CS	-	-/4	-	-	-	-/4	2	C									-	-/56	14	2
6	Physical education	DEL208/CS	-	4	2	C													-	28	-	2
7	Microbiology - bacteriology	DEL209/FS					4	4	4	E									28	28	56	4
8	Dental materials	DEL210/SS					4	8	7	E									28	56	98	7
9	Microbiology - virusology, mycology	DEL211/FS									2	4	3	C					14	28	42	3
10	Physiopathlogy	DEL212/FS									4	4	3	E					28	28	28	3
11	Pharmacology	DEL213/FS									4	4	3	E					28	28	28	3
12	Preventive dentistry 1	DEL214/SS									4	6	5	E					28	42	56	5
13	Ergonomy. Notions of diagnosis in dentistry	DEL215/CS													4	4	4	E	28	28	56	4
14	Hygiene and health education	DEL216/DS													2	4	2	E	14	28	14	2
15	Medical psychology	DEL217/CS													2	2	2	C	14	14	28	2
16	Methodology of scientific research	DEL218/SS													2	-	2	C	14	-	42	2
17	Healthcare informatics and biostatistics	DEL219/CS													4	4	2	E	28	28	14	2
18	Annual clinical practice	DEL220/SS													-	-	2	C	-	160	-	2
19	Optional subject*	DEL221/SS													2	-	2	C	14	-	42	2
TOTAL:		6FS, 3DS, 5SS, 5CS	10	12/4	12 + 2	2E, 2C	12	16/4	18	3E, 1C	14	18	14	3E,1C	16	14	16	3E,4C	364	580/56	784	60+2
TOTAL HOURS/ ECTS			29 hours /week - 30+2 ECTS/semester								31 hours /week - 30 ECTS/semester								1000			
*Optional subject / 1 subject /year : PRECLINICAL package																						

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

Theory / practice ratio: (P.a, Seminar, Internship, clinical practice) 364 : 636 = 1 : 1,75

FS –fundamental subject; **DS** – domain subject; **SS** – specialty subject; **CS** – complementary subject; **OPT** – optional subject.

E – examination; **C**– colloquium; **Cs** – course; **PA** – practical activities; **Sem** – seminar; **Is** – internship; **Indiv.st** - individual study hours; **Verif form** - verification type; **ECTS** – Transferable credits.

RECTOR,
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**CURRICULUM –IIIRD YEAR
2020-2021**

UNIVERSITY	“George Emil Palade” UNIVERSITY OF MEDICINE, PHARMACY, SCIENCE AND TECHNOLOGY OF TÂRGU MURES	STUDY PROGRAMME	DENTAL MEDICINE (ENGLISH LANGUAGE)
FACULTY	FACULTY OF DENTAL MEDICINE	TITLE	DOCTOR OF DENTAL MEDICINE
FIELD OF STUDY	HEALTH	DURATION OF STUDIES	6 YEARS
LEVEL OF COVERAGE	SECTORIAL	TRANSFERABLE CREDITS (ECTS)	60 (COMPULSORY - OPTIONAL)

Nr. crt.	Educational activities Subjects	Subject code/ Type	I st Semester								II nd Semester								Total per academic year			
			Module I (7 weeks)				Module II (7 weeks)				Module III (7 weeks)				Module IV (7 weeks)							
			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	Anesthesia. Anesthesia and sedation in dental medicine	DEL301/SS	4	6	6	E													28	42	84	6
2	Technology of dental prostheses 1,2	DEL 302,303/SS	4	8	8	E					4	8	6	E					56	112	182	14
3	Occlusology	DEL304/SS					4	4	5	E									28	28	70	5
4	Preventive dentistry 2	DEL305/SS					4	8	7	E									28	56	98	7
5	Medical semiology. Internal medicine	DEL306, 307/SS					2	4	2	C					4	4	2	E	42	56	14	4
6	Surgical semiology. General surgery	DEL308,309/SS					2	4	2	C					4	4	2	E	42	56	14	4
7	Conservative dentistry (simulation)	DEL310/SS									4	8	6	E					28	56	70	6
8	Dermatology	DEL311/DS									2	2	2	C					14	14	28	2
9	Prosthodontics (simulation)	DEL312/SS													6	8	8	E	42	56	112	8
10	Annual clinical practice	DEL313/SS													-	-	2	C	-	160	-	2
11	Optional subject*	DEL314/SS													2	-	2	C	14	-	42	2
12	Facultative subject**	DEL315/CS													-	-	-	C	-	-	-	-
TOTAL GENERAL		1CS, 10 SS, 1DS	8	14	14	2E	12	20	16	2E,2C	10	18	14	2E,1C	16	16	16	3E,3C	322	636	714	60
TOTAL ORE/CREDITE			27 hours /week - 30 ECTS/semester								30 hours/week - 30 ECTS/semester								958			
*Optional subject / 1 subject /year : PRECLINICAL package																						
** Facultative subject (<i>not credited</i>) (2 hours/week/module): FACULTATIVE package																						

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

Theory / practice ratio: (P.a, Seminar, Internship, clinical practice) 322 : 636 = 1 : 1,98

FS –fundamental subject; DS – domain subject; SS – specialty subject; CS – complementary subject; OPT – optional subject; FAC – facultative subject.

E – examination; C– colloquium; CS – course; PA – practical activities; Sem – seminar; Is – internship; Indiv.st - individual study hours; Verif form - verification type; ECTS – Transferable credits.

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**CURRICULUM –IVTH YEAR
2020-2021**

UNIVERSITY	“George Emil Palade” UNIVERSITY OF MEDICINE, PHARMACY, SCIENCE AND TECHNOLOGY OF TÂRGU MURES	STUDY PROGRAMME	DENTAL MEDICINE (ENGLISH LANGUAGE)
FACULTY	FACULTY OF DENTAL MEDICINE	TITLE	DOCTOR OF DENTAL MEDICINE
FIELD OF STUDY	HEALTH	DURATION OF STUDIES	6 YEARS
LEVEL OF COVERAGE	SECTORIAL	TRANSFERABLE CREDITS (ECTS)	60 (COMPULSORY - OPTIONAL)

Nr crt	Educational activities Subjects	Subject code/ Type	I st Semester								II nd Semester								Total per academic year			
			Module I (7 weeks)				Module II (7 weeks)				Module III (7 weeks)				Module IV (7 weeks)							
			Course	P.a / IS	ECTS	Verif form	Course	P.a / IS	ECTS	Verif form	Course	P.a / IS	ECTS	Verif form	Course	P.a / IS	ECTS	Verif form	Course	P.a / IS	Indiv. st	ECTS
1	Odontotherapy	DEL401/SS	4	8	7	E													28	56	98	7
2	Endodontics 1	DEL402/SS	4	8	7	E													28	56	98	7
3	Fixed prosthodontics	DEL403/SS					4	16	10	E									28	112	112	10
4	Forensic medicine	DEL404/SS					2	2	2	C									14	14	28	2
5	General radiology	DEL405/DS					2	2	2	C									14	14	28	2
6	Dento-alveolar surgery	DEL406/SS									4	8	6	E					28	56	70	6
7	Infectious diseases	DEL407/DS									2	2	2	E					14	14	28	2
8	Epidemiology and preventive medicine	DEL408/SS									2	2	2	C					14	14	28	2
9	Otorhinolaryngology	DEL409/SS									2	2	2	C					14	14	28	2
10	Ophtalmology	DEL410/DS									2	2	2	C					14	14	28	2
11	Dental radiology	DEL411/SS													4	4	3	E	28	28	28	3
12	Paediatric dentistry 1	DEL412/SS													4	8	5	E	28	56	42	5
13	Neurology	DEL413/DS													2	2	2	C	14	14	28	2
14	Psychiatry	DEL414/DS													2	2	2	C	14	14	28	2
15	Paediatrics	DEL415/SS													2	2	2	C	14	14	28	2
16	Annual clinical practice	DEL416/SS													-	-	2	C	-	160	-	2
17	Optional subject*	DEL417/SS	2	-	2	C													-	-	42	2
TOTAL:		12SS, 5DS	10	-/16	16	2E,1C	8	4/16	14	1E, 2C	12	8/8	14	2E,3C	14	18/-	16	2E,4C	308	370/280	742	60
TOTAL HOURS/ECTS			27 hours /week - 30 ECTS/semester								30 hours /week - 30 ECTS/semester								958			
*Optional subject / 1 subject /year : CLINICAL package																						

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

Theory / practice ratio: (P.a, Seminar, Internship, clinical practice) 308 : 650 = 1 : 2,11

FS –fundamental subject; **DS** – domain subject; **SS** – specialty subject; **CS** – complementary subject; **OPT** – optional subject.

E – examination; **C**– colloquium; **Cs** – course; **PA** – practical activities; **Sem** – seminar; **Is** – internship; Indiv.st - individual study hours; Verif form - verification type; ECTS – Transferable credits.

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**CURRICULUM –VTH YEAR
2020-2021**

UNIVERSITY	“George Emil Palade” UNIVERSITY OF MEDICINE, PHARMACY, SCIENCE AND TECHNOLOGY OF TÂRGU MURES	STUDY PROGRAMME	DENTAL MEDICINE (ENGLISH LANGUAGE)
FACULTY	FACULTY OF DENTAL MEDICINE	TITLE	DOCTOR OF DENTAL MEDICINE
FIELD OF STUDY	HEALTH	DURATION OF STUDIES	6 YEARS
LEVEL OF COVERAGE	SECTORIAL	TRANSFERABLE CREDITS (ECTS)	60 (COMPULSORY - OPTIONAL)

NR. crt	Educational activities Subjects	Subject code/ Type	I st Semester								II nd Semester								Total per academic year			
			Module I (7 weeks)				Module II (7 weeks)				Module III (7 weeks)				Module IV (7 weeks)							
			Course	P.a / Is	ECTS	Verif form	Course	P.a / Is	ECTS	Verif form	Course	P.a / Is	ECTS	Verif form	Course	P.a / Is	ECTS	Verif form	Course	P.a / Is	Indiv. st	ECTS
1	Oral and maxillo-facial Surgery 1	DEL501/SS	4	4/-	6	E													28	28/-	98	6
2	Orthodontics 1	DEL502/SS	4	8/-	6	E													28	56/-	70	6
3	Aesthetics in orthodontics	DEL503/SS	2	-	2	C													14	-	42	2
4	Paediatric dentistry 2	DEL504/SS	-	-/4	-	-	4	-/8	6	E									28	-/84	42	6
5	Oral implantology	DEL505/SS					2	2/-	4	E									14	14/-	84	4
6	Endocrinology concepts	DEL506/DS					2	-	2	C									14	-	42	2
7	Physiotherapy in dental medicine	DEL507/SS					2	2/-	2	C									14	14/-	28	2
8	Implanto-prosthetic therapy	DEL508/SS									2	2/-	4	E					14	14/-	84	4
9	Periodontology 1	DEL509/SS									4	6/-	8	E					28	42/-	140	8
10	Removable prosthodontics	DEL510/SS									3	-/10	-	-	3	-/6	8	E	42	-/112	56	8
11	Endodontics 2	DEL511/SS													6	-/16	8	E	42	-/112	56	8
12	Annual clinical practice	DEL512/SS													-	-	2	C	-	160/-	-	2
13	Optional subject*	DEL513/SS	2	-	2	C													14	-	42	2
TOTAL:		12SS, 1DS	12	12/4	16	2E,2C	10	4/8	14	2E,2C	9	8/10	12	2E	9	-/22	18	2E,1C	280	328/308	728	60
TOTAL HOURS/ECTS			25 hours /week - 30 ECTS/semester								29 hours /week - 30 ECTS/semester								916			
*Optional subject / 1 subject /year : CLINICAL package																						

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

Theory / practice ratio: (P.a, Seminar, Internship, clinical practice) 280 : 636 = 1 : 2,27

FS –fundamental subject; DS – domain subject; SS – specialty subject; CS – complementary subject; OPT – optional subject.

E – examination; C– colloquium; Cs – course; PA – practical activities; Sem – seminar; Is – internship; Indiv.st - individual study hours; Verif form - verification type; ECTS – Transferable credits.

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**CURRICULUM –VITH YEAR
2020-2021**

UNIVERSITY	“George Emil Palade” UNIVERSITY OF MEDICINE, PHARMACY, SCIENCE AND TECHNOLOGY OF TÂRGU MURES	STUDY PROGRAMME	DENTAL MEDICINE (ENGLISH LANGUAGE)
FACULTY	FACULTY OF DENTAL MEDICINE	TITLE	DOCTOR OF DENTAL MEDICINE
FIELD OF STUDY	HEALTH	DURATION OF STUDIES	6 YEARS
LEVEL OF COVERAGE	SECTORIAL	TRANSFERABLE CREDITS (ECTS)	60 (COMPULSORY - OPTIONAL)

NR. crt	Educational activities Subjects	Subject code/ Type	I st Semester								II nd Semester								Total per academic year			
			Module I (7 weeks)				Module II (7 weeks)				Module III (7 weeks)				Module IV (7 weeks)							
			Course	P.a / Is	ECTS	Verif form	Course	P.a / Is	ECTS	Verif form	Course	P.a / Is	ECTS	Verif form	Course	P.a / Is	ECTS	Verif form	Course	P.a / Is	Indiv. st	ECTS
1	Professional organization and legislation	DEL601/SS	2	-	2	C													14	-	42	2
2	Dental office management	DEL602/CS	2	-	2	C													14	-	42	2
3	Removable prosthodontics	DEL603/SS	6	-/16	8	E													42	-/112	56	8
4	Periodontology 2	DEL604/SS	-	-/4	-	-	4	-/8	7	E									28	-/84	70	7
5	Medical and surgical emergencies in dental medicine	DEL605/SS					4	6/-	5	E									28	42/-	56	5
6	Oral pathology	DEL606/SS					4	4/-	4	E									28	28/-	56	4
7	Oral and maxillo-facial Surgery 2	DEL607/SS									4	4/-	6	E					28	28/-	98	6
8	Dentofacial cosmetics	DEL608/SS									2	4/-	4	C					14	28/-	70	4
9	Orthodontics 2	DEL609/SS									4	8/-	6	E					28	56/-	70	6
10	Oral rehabilittion	DEL610/RS									-	-/4	-	-	4	-	4	E	28	-/28	56	4
11	Community dentistry	DEL611/SS													4	8/-	6	E	28	56/-	70	6
12	Specialty practice	DEL612/SS													-	-/8	2	C	-	-/56	-	2
13	Graduation thesis preparation	DEL613/SS													-	-	2	C	-	160/-	-	2
14	Optional subject*	DEL614/SS	2	-	2	C													14	-	42	2
TOTAL:		12SS, 1RS, 1CS	12	-/20	14	1E,3C	12	10/8	16	3E	10	16/4	16	2E,1C	8	8/8	14	2E,1C	294	398/280	784	60
TOTAL HOURS/ECTS			31 hours /week - 30 ECTS/semester								27 hours /week - 30 ECTS/semester								972			
*Optional subject / 1 subject /year : CLINICAL package																						

Theory / practice ratio: (P.a, Seminar, Internship, clinical practice) 294 : 678 = 1 : 2,30
FS –fundamental subject; **DS** – domain subject; **SS** – specialty subject; **CS** – complementary subject; **RS** – relevant subject; **OPT** – optional subject.
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