Sveučilište u Rijeci • Fakultet dentalne medicine
University of Rijeka • Faculty of Dental Medicine

Course: Restorative dental medicine
Course Coordinator: Prof. Alen Braut, PhD, DMD
Department: Endodontics and restorative dentistry
Study program: Integrated Undergraduate and Graduate University Study of Dental Medicine in English
Study year: 4th
Academic year: 2024 / 2025

SYLLABUS

Course description (a brief description of the course, general instructions, where and in what form the lessons are organized, necessary equipment, instructions for attendance and preparation for classes, student obligations, etc.):

Restorative dental medicine is a mandatory course on the Integrated undergraduate and graduate university study Dental medicine on the third, fourth and fifth year of study. On the fourth year the course is comprised of 8 hours of lectures, 25 hours of seminars and 90 hours of clinical praticals (9ECTS). The course is held in the premises of the Clinical hospital centre Rijeka and the Faculty of dental medicine, University of Rijeka.
The aim of the course is to acquire basic knowledge and clinical skills in the field of restorative dentistry. The goal is to introduce the students to modern materials used for temporary and permanent cavity restoration. Special attention is given to mastering the necessary clinical skill during clinical praticals.
Course contents:
Advanced techniques in restorative dentistry. Recognition and management of dental pain.
Treatment planning in pregnant patients and patients with systemic disease. Placement of root canal posts.
Class:
Class is held in the form of lectures, practicals and seminars. Teachers will discuss with students about specific tasks on each pratical. During the VII semester one mandatory colloquium which needs to be passed successfully in order to attend and work on further clinical praticals on the VIII semester.
By completing all the tasks and passing the mandatory colloquium students acquiree 9 ECTS points.

Assigned reading:

Mouth GJ, Hume WR, Ngo HC, Wolff MS. Preservation and restoration of tooth structure. 3rd edition. Wiley Blackwell. 2016.

Optional/additional reading:

Textbook of Operative Dentisty: N.Garg, A.Garg. The Health Sciences Publisher, New Delhi, London, Philadelphia, Panama; 3rd Ed. 2015.

COURSE TEACHING PLAN:

The list of lectures (with topics and descriptions):

L1 Minimally invasive dental medicine
Learning outcomes: Define contemporary minimally invasive treatment procedures applied to hard dental tissues

L2 Advancements in diagnostics of diseased hard dental tissues
Learning outcomes: Define new diagnostic procedures for identifying diseased hard dental tissues

L3 Advancements in aesthetic dental materials
Learning outcomes: Define the composition and working procedures with contemporary aesthetic restorative materials

L4 Restorative procedures in medically compromised patients
Learning outcomes: Define the specific treatment procedures performed during pregnancy and in patients with systemic disease (diabetes, blood diseases, cardiovascular and immune diseases)

L5 Dentine sensitivity, pulpal response to irritation
Learning outcomes: Define dental pain that is not caused by pulpal or periodontal disease. Explain the materials and treatment procedures.

L6 Root canal posts
Learning outcomes: Explain the use of root canal posts, the indications and contraindications of use.

L7 Cast, ceramic and composite indirect restorations (inlay, onlay, overlay)
Learning outcome: Define restorative procedures in cases of severe loss of hard dental tissues

L8 Advancements in restorative dental medicine
Learning outcomes: Discuss new advancements in diagnostics and treatment procedures in restorative dental medicine

The list of seminars with descriptions:

VII. Semester

S1 Local anesthesia in dental medicine
Learning otcomes: Define local anesthetics in dental medicine: composition, dosage, treatment effect and farmacokinetics.
S2 Local anesthesia techniques in the maxilla
Learning outcomes: List and descrive techniques of local anesthesia in the maxilla
S3 Local anesthesia techniques in the madibulla
Learning outcomes: List and descrive techniques of local anesthesia in the mandibulla
S4 Minimally invasive restorative treatment
Learning outcomes: Define minimally invasive technique in restorative dentistry
S5 Indirect pulp capping
Learning outcomes: Describe indirect pulpal capping procedures and the material used.
S6 Direct pulp capping
Learning outcomes: Describe direct pulpal capping procedures and the material used.
S7 Coronal restoration of endodonticly treated teeth – Case report
Learning outcomes: Evaluate and comment the treatment procedure of restoring endodonticly treated teeth – direct/indirect restorations

S8 Atipical cavity preparations and direct coronal restoration – case report

Learning outcomes: Evaluate and comment cavity preparations that are not prepared on typical locations of carious lesions

VIII Semester

Seminars (S1-S7) are based on case reports that students have completed on clinical practicals.

S1 Class I composite restoration – Case report

Learning outcomes: Describe and present the restorative procedure: Cavity preparation, restoration placement, finishing and polishing. Document phases with photographs and present them.

S2 Class II composite restoration – Case report

Learning outcomes: Describe and present the restorative procedure: Cavity preparation, restoration placement, finishing and polishing. Document phases with photographs and present them.

S3 Class III composite restoration – Case report

Learning outcomes: Describe and present the restorative procedure: Cavity preparation, restoration placement, finishing and polishing. Document phases with photographs and present them.

S4 Class IV composite restoration – Case report

Learning outcomes: Describe and present the restorative procedure: Cavity preparation, restoration placement, finishing and polishing. Document phases with photographs and present them.

S5 Treatment of noncarious lesions – Case report

Learning outcomes: Describe and present the restorative procedure: Cavity preparation, restoration placement, finishing and polishing. Document phases with photographs and present them.

S6 Application of bioactive materials in restorative dental medicine - Case report

Learning outcomes: Analyze new materials in the field of restorative dental medicine, document with photographs the treatment procedures and present them

S7 Composite veneers– Case report

Learning outcomes: Describe and present the restorative procedure: Cavity preparation, restoration placement, finishing and polishing. Document phases with photographs and present them.

S8 Non complicated dental crown trauma and treatment procedures

Learning outcomes: Differentiate, comment and categorize procedures of dental trauma diagnosis and treatment

S9 Complicated dental crown trauma and treatment procedures

Learning outcomes: Differentiate, comment and categorize procedures of dental trauma diagnosis and treatment

S10 New advancements in restorative dental medicine

Learning outcomes: Define contemporary diagnostic and treatment procedures in restorative dental medicine

On clinical praticals in the VII and VIII semester the student conducts dental examinations, diagnostic procedures, treatment planning and treatment procedures under the supervision of clinicical practicals supervisors.

P1- P15 Dental examination, dental status, treatment planning, minimally invasive procedures, treatment of caries lesions – Caries media, Caries profunda.

Learning outcomes:

Analyze the patient of informed consent

Conduct dental examination and diagnostic procedures

Educate patients about oral hygiene procedures

Planning of treatment procedures

Establish working field isolation

Cavity preparation

Identification and handling of restorative materials

Material selection depending on indications

Students' obligations:

Students are obliged to regularly attend, actively participate and complete assignments in all forms of teaching.

Assessment (exams, description of written / oral / practical exam, the scoring criteria):
Student evaluation is carried out according to the valid Rulebook on Studies of the University of Rijeka. The students' work will be evaluated during the course and in the final exam. Students are graded using the ECTS (A-F) and numerical system (1-5). Grading in the ECTS system is carried out by absolute distribution.

During the semester and the final exam, students will be able to collect a maximum of 100 grade points (a maximum of 50 grade points during the semesters and a maximum of 50 grade points during the final exam).

During the V, VI, VII, VIII and IX semesters, a student can collect a maximum of 50 grade points (Table 1).
Table 1. Assessment of student activities on the course Restorative dental medicine

	Assessment	Max Grade Points
Colloquia	Colloquium I (end of V semester)	10
	Introductory colloquium (beginning of VII semester)	10
Seminars	Seminar presentation (VII/VIII semester)	10
Practicals	Theoretical knowledge + task completion	20
	Total	50

Assessment of practicals/colloquia/seminars

Practicals
Practicals supervisors will evaluate theoretical knowledge and practical work on the patient (refers to clinical exercises). The average grade will be used for the final scoring. An insufficient grade (C) is considered as absence from the practical. Two insufficient grades, as well absence from 3 practicals in a single semester will result in immediate failure of the semester and the student will have to re-enroll in the semester next year. Every insufficient grade must be compensated with a colloquium held by the practical supervisor who gave the grade.

During the V semester the student must complete and have positive grades form all task in the preclinical practicals program in order to be allowed to take Colloquium I at the end of the V semester.

During clinical practicals on the VI semester the student must perform 3 positively graded tasks in order to complete the VI semester. IMPORTANT: Clinical work on practicals in the VI semester is performed amongst students. If for some reason, students do not want to participate in practicals as patients they must state so at the beginning of the semester and will have to provide their own patients for clinical work.

During clinical practicals in the VII, VIII and IX semester students must perform 5 positively graded tasks per semester (15 in total). In order for a completed task to receive a full grade it needs to include cavity preparation along with restoration placement as well as finishing and polishing of the placed restoration. The student can not advance to a higher semester if all tasks from the previous one have not been completed.

Students will be graded based on their theoretical knowledge and practical work as shown in Table 2.

Grade on practicals (A-C)	Grade on practicals (5-1)	Average grade on practicals (5-1)	Grade points
A	5	4,5- 5	20
A/B	4	3,5- 4,49	17
B	3	2,50- 3,49	13,5
B/C	2	2- 2,49	10
C	1	0- 1,99	0

Colloquia

On the course Restorative dental medicine students take 2 written colloquia. Colloquium I is taken at the endo of the V semester and is a prerequisite to attend and perform clinical work on clinical practicals in the VI semester. The passing grade for colloquium I is 50%.

The introductory colloquium is taken at the beginning of the VII semester and is a prerequisite before commencing with clinical work on patients. The passing grade is 95%.

Students who do not pass one of the colloquia will be given one remedial colloquium on which they can receive a maximum grade of 50%. The grade points on each colloquia are determined by multypling the percentage of correct answers in decimal form with the maximum number of grade points.

Seminars

Students must actively participate in seminars.

During the VII and VIII semester students have to give an oral presentation (PowerPoint) about a given seminar subject. Seminar subjects are essential material for the final exam.

Final Exam

Before taking the final exam the student must provide his Evidence booklet to prove all necessary tasks have been completed. The final exam is written and includes material determined by the course plan and program. A maximum of 50 grade points can be collected on the final exam. The grade points are determined by multiplying the percentage of correct answers in decimal form with the maximum number of grade points. The passing grade for the final exam is 50%.

The final grade is formed according to the total activity of the student, i.e. from the grade points collected during the semesters and the grade points on the final exam. In order to receive a final grade the final exam must be successfully completed.

Based on the total sum of points, students are evaluated as follows:

A (5) – 90-100 grade points
B (4) – 75-89.9 grade points
C (3) – 60-74.9 grade points
D (2) – 50-59.9 grade points
F (1) – 0-49.9 grade points

The numerical evaluation system is compared with the ECTS system as follows: A - excellent (5), B - very good (4), C - good (3), D - sufficient (2), F - insufficient (1).

Other important information regarding to the course:

Retaking the course:

In case of re-enrolling the course the students have the same responsibilities as the first time attendees and are obliged to regularly attend, actively participate and complete assignments in all forms of teaching.

Consultation with teachers are possible but have to be scheduled in advanced via email.

COURSE SCHEDULE (for academic year 2024/2025)

Date	Lectures (time and place)	Seminars (time and place)	Practicals (time and place)	Instructor
VII semester				
30.9.2024.	L1 (13.15 -14.00) Krešimirova 40			Prof. Alen Braut, PhD, DMD
1.10.2024.		S1 (13.15 - 14.00) Krešimirova 40		Prof. Alen Braut, PhD, DMD
3.10.2024.			P1 E (8.00-10.15) Krešimirova 40	Asst. Prof. Romana Peršić Bukmir,PhD DMD Ivana Vidović Zdrilić, PhD, DMD
			P1 F (10.15 - 12.30) Krešimirova 40	Asst. Prof. Romana Peršić Bukmir,PhD DMD Ivana Vidović Zdrilić, PhD, DMD
7.10.2024.	L2 (13.15 -14.00) Krešimirova 40			Prof. Alen Braut, PhD, DMD
8.10.2024.		S2 (13.15 - 14.00) Krešimirova 40		Prof. Alen Braut, PhD, DMD
10.10.2024.			P2 E (8.00-10.15) Krešimirova 40	Asst. Prof. Romana Peršić Bukmir,PhD DMD Ivana Vidović Zdrilić, PhD, DMD
			P2 F (10.15 - 12.30) Krešimirova 40	Asst. Prof. Romana Peršić Bukmir,PhD DMD Ivana Vidović Zdrilić, PhD, DMD
14.10.2024.	L3 (13.15 -14.00) Krešimirova 40			Prof. Alen Braut, PhD, DMD

15.10.2024		S3 (13.15 - 14.00) Krešimirova 40		Prof. Alen Braut, PhD, DMD
17.10.2024.			P3 E (8.00-10.15) Krešimirova 40	Asst. Prof. Romana Peršić Bukmir,PhD DMD Ivana Vidović Zdrilić, PhD, DMD
			P3 F (10.15 - 12.30) Krešimirova 40	Asst. Prof. Romana Peršić Bukmir,PhD DMD Ivana Vidović Zdrilić, PhD, DMD
21.10.2024	L4 (13.15 -14.00) Krešimirova 40			Prof. Alen Braut, PhD, DMD
22.10.2024		S4 (13.15 - 14.00) Krešimirova 40		Prof. Alen Braut, PhD, DMD
24.10.2024.			P4 E (8.00-10.15) Krešimirova 40	Asst. Prof. Romana Peršić Bukmir,PhD DMD Ivana Vidović Zdrilić, PhD, DMD
			P4 F (10.15 - 12.30) Krešimirova 40	Asst. Prof. Romana Peršić Bukmir,PhD DMD Ivana Vidović Zdrilić, PhD, DMD
28.10.2024	L5 (13.15 -14.00) Krešimirova 40			Prof. Alen Braut, PhD, DMD
29.10.2024.		S5 (13.15 - 14.00) Krešimirova 40		Prof. Alen Braut, PhD, DMD
31.10.2024.			P5 E (8.00-10.15) Krešimirova 40	Asst. Prof. Romana Peršić Bukmir,PhD DMD Ivana Vidović Zdrilić, PhD, DMD
			P5 F (10.15 - 12.30) Krešimirova 40	Asst. Prof. Romana Peršić Bukmir,PhD DMD Ivana Vidović Zdrilić, PhD, DMD
4.11.2024	L6 (13.15 -14.00) Krešimirova 40			Prof. Alen Braut, PhD, DMD
5.11.2024.		S6 (13.15 - 14.00) Krešimirova 40		Prof. Alen Braut, PhD, DMD
7.11.2024			P6 E (8.00-10.15) Krešimirova 40	Asst. Prof. Romana Peršić Bukmir,PhD DMD Ivana Vidović Zdrilić, PhD, DMD
			P6 F (10.15 - 12.30) Krešimirova 40	Asst. Prof. Romana Peršić Bukmir,PhD DMD Ivana Vidović Zdrilić, PhD, DMD
11.11.2024.	L7 (13.15 -14.00) Krešimirova 40			Prof. Alen Braut, PhD, DMD
12.11.2024		S7 (13.15 - 14.00) Krešimirova 40		Prof. Alen Braut, PhD, DMD
14.11.2024			P7 E (8.00-10.15) Krešimirova 40	Asst. Prof. Romana Peršić Bukmir,PhD DMD Ivana Vidović Zdrilić, PhD, DMD
			P7 F (10.15 - 12.30) Krešimirova 40	Asst. Prof. Romana Peršić Bukmir,PhD DMD Ivana Vidović Zdrilić, PhD, DMD
19.11.2024		S8 (13.15 - 14.00) Krešimirova 40		Prof. Alen Braut, PhD, DMD
21.11.2024			P8 E (8.00-10.15) Krešimirova 40	Asst. Prof. Romana Peršić Bukmir,PhD DMD Ivana Vidović Zdrilić, PhD, DMD
			P8 F (10.15 - 12.30) Krešimirova 40	Asst. Prof. Romana Peršić Bukmir,PhD DMD Ivana Vidović Zdrilić, PhD, DMD
25.11.2024	L8 (13.15 -14.00) Krešimirova 40			Prof. Alen Braut, PhD, DMD
26.11.2024.		S9 (13.15 - 14.00) Krešimirova 40		Prof. Alen Braut, PhD, DMD

28.11.2024.			P9 E (8.00-10.15) Krešimirova 40	Asst. Prof. Romana Peršić Bukmir,PhD DMD Ivana Vidović Zdrilić, PhD, DMD
			P9 F (10.15 - 12.30) Krešimirova 40	Asst. Prof. Romana Peršić Bukmir,PhD DMD Ivana Vidović Zdrilić, PhD, DMD
3.12.2024		S9 (13.15 - 14.00) Krešimirova 40		Prof. Alen Braut, PhD, DMD
5.12.2024			P10 E (8.00-10.15) Krešimirova 40	Asst. Prof. Romana Peršić Bukmir,PhD DMD Ivana Vidović Zdrilić, PhD, DMD
			P10 F (10.15 - 12.30) Krešimirova 40	Asst. Prof. Romana Peršić Bukmir,PhD DMD Ivana Vidović Zdrilić, PhD, DMD
10.12.2024.		S10 (13.15 - 14.00) Krešimirova 40		Prof. Alen Braut, PhD, DMD
12.12.2024.			P11 E (8.00-10.15) Krešimirova 40	Asst. Prof. Romana Peršić Bukmir,PhD DMD Ivana Vidović Zdrilić, PhD, DMD
			P11 F (10.15 - 12.30) Krešimirova 40	Asst. Prof. Romana Peršić Bukmir,PhD DMD Ivana Vidović Zdrilić, PhD, DMD
17.12.2024		S10 (13.15 - 14.00) Krešimirova 40		Prof. Alen Braut, PhD, DMD
19.12.2024.			P12 E (8.00-10.15) Krešimirova 40	Asst. Prof. Romana Peršić Bukmir,PhD DMD Ivana Vidović Zdrilić, PhD, DMD
			P12 F (10.15 - 12.30) Krešimirova 40	Asst. Prof. Romana Peršić Bukmir,PhD DMD Ivana Vidović Zdrilić, PhD, DMD
7.1.2025.		S11 (13.15 - 14.00) Krešimirova 40		Prof. Alen Braut, PhD, DMD
9.1.2025.			P13 E (8.00-10.15) Krešimirova 40	Asst. Prof. Romana Peršić Bukmir,PhD DMD Ivana Vidović Zdrilić, PhD, DMD
			P13 F (10.15 - 12.30) Krešimirova 40	Asst. Prof. Romana Peršić Bukmir,PhD DMD Ivana Vidović Zdrilić, PhD, DMD
14.1.2025.		S11 (13.15 - 14.00) Krešimirova 40		Prof. Alen Braut, PhD, DMD
16.1.2025.			P14 E (8.00-10.15) Krešimirova 40	Asst. Prof. Romana Peršić Bukmir,PhD DMD Ivana Vidović Zdrilić, PhD, DMD
			P14 F (10.15 - 12.30) Krešimirova 40	Asst. Prof. Romana Peršić Bukmir,PhD DMD Ivana Vidović Zdrilić, PhD, DMD
21.1.2025.		S12 (13.15 - 14.00) Krešimirova 40		Prof. Alen Braut, PhD, DMD
23.1.2025.			P15 E (8.00-10.15) Krešimirova 40	Asst. Prof. Romana Peršić Bukmir,PhD DMD Ivana Vidović Zdrilić, PhD, DMD
			P15 F (10.15 - 12.30) Krešimirova 40	Asst. Prof. Romana Peršić Bukmir,PhD DMD Ivana Vidović Zdrilić, PhD, DMD
VIII semester				
6.3.2025.			P1 E (8.00-10.15) Krešimirova 40	Prof. Alen Braut, PhD, DMD Asst. Prof. Damir Šnjarić,PhD DMD
			P1 F (10.15 - 12.30) Krešimirova 40	Prof. Alen Braut, PhD, DMD Ivana Vidović Zdrilić, PhD, DMD
		S12 (14.45 - 15.30) Krešimirova 40		Prof. Alen Braut, PhD, DMD

13.3.2025			P2 E (8.00-10.15) Krešimirova 40	Prof. Alen Braut, PhD, DMD Asst. Prof. Damir Šnjarić,PhD DMD
			P2 F (10.15 - 12.30) Krešimirova 40	Prof. Alen Braut, PhD, DMD Ivana Vidović Zdrilić, PhD, DMD
		S13 (14.45 - 15.30) Krešimirova 40		Prof. Alen Braut, PhD, DMD
20.3.2025.			P3 E (8.00-10.15) Krešimirova 40	Prof. Alen Braut, PhD, DMD Asst. Prof. Damir Šnjarić,PhD DMD
			P3 F (10.15 - 12.30) Krešimirova 40	Prof. Alen Braut, PhD, DMD Ivana Vidović Zdrilić, PhD, DMD
		S13 (14.45 - 15.30) Krešimirova 40		Prof. Alen Braut, PhD, DMD
27.3.2025.			P4 E (8.00-10.15) Krešimirova 40	Prof. Alen Braut, PhD, DMD Asst. Prof. Damir Šnjarić,PhD DMD
			P4 F (10.15 - 12.30) Krešimirova 40	Prof. Alen Braut, PhD, DMD Ivana Vidović Zdrilić, PhD, DMD
		S14 (14.45 - 15.30) Krešimirova 40		Prof. Alen Braut, PhD, DMD
3.4.2025.			P5 E (8.00-10.15) Krešimirova 40	Prof. Alen Braut, PhD, DMD Asst. Prof. Damir Šnjarić,PhD DMD
			P5 F (10.15 - 12.30) Krešimirova 40	Prof. Alen Braut, PhD, DMD Ivana Vidović Zdrilić, PhD, DMD
		S14 (14.45 - 15.30) Krešimirova 40		Prof. Alen Braut, PhD, DMD
10.4.2025.			P6 E (8.00-10.15) Krešimirova 40	Prof. Alen Braut, PhD, DMD Asst. Prof. Damir Šnjarić,PhD DMD
			P6 F (10.15 - 12.30) Krešimirova 40	Prof. Alen Braut, PhD, DMD Ivana Vidović Zdrilić, PhD, DMD
		S15 (14.45 - 15.30) Krešimirova 40		Prof. Alen Braut, PhD, DMD
17.4.2025.			P7 E (8.00-10.15) Krešimirova 40	Prof. Alen Braut, PhD, DMD Asst. Prof. Damir Šnjarić,PhD DMD
			P7 F (10.15 - 12.30) Krešimirova 40	Prof. Alen Braut, PhD, DMD Ivana Vidović Zdrilić, PhD, DMD
		S15 (14.45 - 15.30) Krešimirova 40		Prof. Alen Braut, PhD, DMD
24.04.2025.			P8 E (8.00-10.15) Krešimirova 40	Prof. Alen Braut, PhD, DMD Asst. Prof. Damir Šnjarić,PhD DMD
			P8 F (10.15 - 12.30) Krešimirova 40	Prof. Alen Braut, PhD, DMD Ivana Vidović Zdrilić, PhD, DMD
		S16 (14.45 - 15.30) Krešimirova 40		Prof. Alen Braut, PhD, DMD
8.5.2025.			P9 E (8.00-10.15) Krešimirova 40	Prof. Alen Braut, PhD, DMD Asst. Prof. Damir Šnjarić,PhD DMD
			P9 F (10.15 - 12.30) Krešimirova 40	Prof. Alen Braut, PhD, DMD Ivana Vidović Zdrilić, PhD, DMD
		S17 (14.45 - 15.30) Krešimirova 40		Prof. Alen Braut, PhD, DMD
15.05.2025.			P10 E (8.00-10.15) Krešimirova 40	Prof. Alen Braut, PhD, DMD Asst. Prof. Damir Šnjarić,PhD DMD

			P10 F (10.15 - 12.30) Krešimirova 40	Prof. Alen Braut, PhD, DMD Ivana Vidović Zdrilić, PhD, DMD
		S18 (14.45 - 15.30) Krešimirova 40		Prof. Alen Braut, PhD, DMD
22.5.2025.			P11 E (8.00-10.15) Krešimirova 40	Prof. Alen Braut, PhD, DMD Asst. Prof. Damir Šnjarić,PhD DMD
			P11 F (10.15 - 12.30) Krešimirova 40	Prof. Alen Braut, PhD, DMD Ivana Vidović Zdrilić, PhD, DMD
29.05.2025.			P12 E (8.00-10.15) Krešimirova 40	Prof. Alen Braut, PhD, DMD Asst. Prof. Damir Šnjarić,PhD DMD
			P12 F (10.15 - 12.30) Krešimirova 40	Prof. Alen Braut, PhD, DMD Ivana Vidović Zdrilić, PhD, DMD
05.06.2025.			P13 E (8.00-10.15) Krešimirova 40	Prof. Alen Braut, PhD, DMD Asst. Prof. Damir Šnjarić,PhD DMD
			P13 F (10.15 - 12.30) Krešimirova 40	Prof. Alen Braut, PhD, DMD Ivana Vidović Zdrilić, PhD, DMD
12.6.2025.			P14 E (8.00-10.15) Krešimirova 40	Prof. Alen Braut, PhD, DMD Asst. Prof. Damir Šnjarić,PhD DMD
			P14 F (10.15 - 12.30) Krešimirova 40	Prof. Alen Braut, PhD, DMD Ivana Vidović Zdrilić, PhD, DMD

List of lectures, seminars and practicals:

	LECTURES (Topics)	Teaching hours	Location/Lecture room
L1	Minimally invasive dental medicine	1	Lecture room Krešimirova 42
L2	Advancements in diagnostics of diseased hard dental tissues	1	Lecture room Krešimirova 42
L3	Advancements in aesthetic dental materials	1	Lecture room Krešimirova 42
L4	Restorative procedures in medically compromised patients	1	Lecture room Krešimirova 42
L5	Dentine sensitivity, pulpal response to irritation	1	Lecture room Krešimirova 42
L6	Root canal posts	1	Lecture room Krešimirova 42
L7	Cast, ceramic and composite indirect restorations (inlay, onlay, overlay)	1	Lecture room Krešimirova 42
L8	Advancements in restorative dental medicine	1	Lecture room Krešimirova 42
	TOTAL TEACHING HOURS	**8**	

	SEMINARS (Topics)	Teaching hours	Location/Lecture room
VII and VIII Semester			
S1	Local anesthesia in dental medicine	1	Lecture room Krešimirova 42
S2	Local anesthesia techniques in the maxilla	1	Lecture room Krešimirova 42
S3	Local anesthesia techniques in the madibulla	1	Lecture room Krešimirova 42
S4	Minimally invasive restorative treatment	1	Lecture room Krešimirova 42
S5	Indirect pulp capping	1	Lecture room Krešimirova 42
S6	Direct pulp capping	1	Lecture room Krešimirova 42
S7	Coronal restoration of endodonticly treated teeth – Case report	1	Lecture room Krešimirova 42
S8	Atipical cavity preparations and direct coronal restoration – case report	1	Lecture room Krešimirova 42
S9	Class I composite restoration – Case report	2	Lecture room Krešimirova 42
S10	Class II composite restoration – Case report	2	Lecture room Krešimirova 42
S11	Class III composite restoration – Case report	2	Lecture room Krešimirova 42
S12	Class IV composite restoration – Case report	2	Lecture room Krešimirova 42
S13	Treatment of noncarious lesions – Case report	2	Lecture room Krešimirova 42
S14	Application of bioactive materials in restorative dental medicine - Case report	2	Lecture room Krešimirova 42
S15	Composite veneers– Case report	2	Lecture room Krešimirova 42
S16	Non complicated dental crown trauma and treatment procedures	1	Lecture room Krešimirova 42
S17	Complicated dental crown trauma and treatment procedures	1	Lecture room Krešimirova 42
S18	New advancements in restorative dental medicine	1	Lecture room Krešimirova 42
	TOTAL TEACHING HOURS	**25**	

	PRACTICALS (Topics)	Teaching hours	Location/Lecture room
VII Semester			
P1-15	Dental examination, dental status, treatment planning, minimally invasive procedures, treatment of caries lesions – Caries media, Caries profunda.	15x3	Clinical practicum 1, Krešimirova 40
VII Semester			
P1-14	Dental examination, dental status, treatment planning, minimally invasive procedures, treatment of caries lesions – Caries media, Caries profunda.	14x3	Clinical practicum 1, Krešimirova 40
	TOTAL TEACHING HOURS	**87**	

	Colloquium terms
1.	01.10.2024.
2.	8.10.2024.
3.	15.10.2024.
4.	

Course				
Class form	Lectures	Seminars	Practicals	Total
Total number of hours	8	25	87	120
Hourns online	0	0	0	0
% online class	0%	0%	0%	0%

Exam term dates stated in the table above may differ from dates, which are published in the summary exam dates table. The table is posted on the Faculty web site under the site - Study under the name “Exam terms” and contains the actual final exam terms of all courses.