



**Course: Dental Professions**

**Course Coordinator: Professor Stjepan Spalj, MSc, PhD**

**Course Collaborators: Andrej Pavlic, PhD**

**Department: Department of Orthodontics**

**Study program: University Integrated Undergraduate and Graduate Study of Dental Medicine (in English)**

**Study year: 1**

**Academic year: 2023/24**

## **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.):**

The course Professions in Dental Medicine is a compulsory course in the first year of the Integrated Undergraduate and Graduate University Study of Dental Medicine and consists of 8 hours of lectures and 7 hours of seminars, totalling 15 hours (1 ECTS). The course is delivered via e-courses on the Merlin platform and in the premises of the Faculty of Dental Medicine.

The aim of the course is for the student of dentistry at the beginning of the study to become familiar with the scope of his future profession, collaborative professions, organization and scope of work and position in the health system and society.

The content of the course is as follows:

Definitions of dental medicine and its position within medicine; Dental medicine, dental team, scope of work of doctors, assistants, hygienists and technicians; St. Apollonia as the protector of the dental profession; Organizational levels of dental activity and financing system; Principles of training professionals in dental medicine; Organization of studies in dental medicine, dental hygiene and dental technology; Specializations in dental medicine, specialties, professional development; Professional associations and societies; Organization of work in the practice; Occupational and iatrogenic diseases; Ergonomics.

Teaching:

Teaching is held in the form of lectures and seminars. In the seminar, the lecturer assesses the students' readiness to present the topic and moderates the discussion. There is a final examination at the end. By completing all teaching activities 1 ECTS point is acquired.

### **Assigned reading:**

Vodanović M, Alt KW (ed). Essentials of dental medicine. Zagreb: Naklada Slap; 2022.

### **Optional/additional reading:**

- Kravitz AS, Bullock A, Cowpe J, Barnes E. Manual of dental practice. Brussels: Council of dental practitioners; 2015.
- Burt BA, Eklund SA. Dentistry, dental practice, and the community. 7th ed. Amsterdam: Elsevier; 2020.
- Gluck G, Morganstein W. Jong's Community Dental Health. 5th ed. Maryland Heights: Mosby; 2002.

### **COURSE TEACHING PLAN:**

**The list of lectures (with topics and descriptions):**



**P1. Scope of dentistry**

Learning outcomes:

To define the activity and scope of dentistry, target organs and tissues and basic oral diseases.

**P2. Organization and levels of dental care**

Learning outcomes:

To argue the organization and levels of dental care.

**P3. Dental auxiliaries**

Learning outcomes:

To list collaborative staff, to be able to describe their scope of practice.

**P4. Education in dentistry**

Learning outcomes:

To classify courses, the way they are organized and the duration of studies, as well as universities where dentistry can be studied in Croatia.

To list the specialist disciplines of dentistry, their organization, scope and duration.

To analyze lifelong learning can be delivered, the legal entities that can deliver education and legal regulation.

**P5. Health insurance**

Learning outcomes:

To analyze health care financing and types of insurance.

**P6. Organization of work in dental practice**

Learning outcomes:

To define the content of the practice and how to working in the practice.

**P7. Running a dental practice**

Learning outcomes:

To analyze the ways of running a dental practice.

**P8. Ergonomics, occupational and iatrogenic diseases**

Learning outcomes:

To define ergonomics, occupational and iatrogenic diseases. To list occupational and iatrogenic diseases, ways of causing them and methods of prevention.

**The list of seminars with descriptions:**

**S1-7. Social aspects of the dental profession**

Students independently prepare and publicly present a seminar on a given topic. In doing so, they deal with the social aspects of their future profession (communication and health literacy, dental tourism and culturally sensitive oral health care, career in dentistry, artificial intelligence and future of dentistry, stress in dentistry, dental anxiety, family dentistry and geriatric dentistry, dental sleep medicine, dental bioarchaeology, comparative odontology and veterinary dentistry)

**The list of practicals with descriptions:**

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**Students' obligations:**

Students are required to attend regularly and participate actively in all forms of education. Seminar and final exam are required.

**Assessment (exams, description of written / oral / practical exam, the scoring criteria):**

ECTS credit grading system:

Student assessment is carried out according to the current Regulations on Studies of the University of Rijeka.

Student work will be evaluated and graded during classes and at the final exam. Out of a total of 100 grade



points, a student can achieve 50 points during classes and another 50 points on the exam. Student assessment is performed using ECTS (A-F) and number system (5-1). Grading in the ECTS system is performed by absolute distribution.

Students who gain from 0 to 24.9% of grades that could be obtained during classes through forms of continuous monitoring and evaluation of students are graded F (unsuccessful), can not gain ECTS credits and must re-enroll the course.

The student gains grades by actively participating in classes and performing the set tasks.

**During the classes, the seminar paper is evaluated (maximum up to 50 points):**

The grade of the presented seminar paper carries 50 grade points (passing grades in the range of 25-50), and is converted into grade points as follows:

<b>grade</b>	<b>scalar points</b>
2	25
2-3	29
3	33
3-4	37
4	42
4-5	46
5	50

**Final exam (total 50 points)**

Who can take the final exam:

Students who achieved 25% and more grade points during classes through forms of continuous monitoring and evaluation of students.

Who cannot take the final exam:

Students who achieved from 0 to 24.9% of grades during classes are graded F (unsuccessful), can not gain ECTS credits and must re-enroll the course.

The final exam is written (it can be in a form of multiple answers questions or answers in free form), carries 50 grade points (passing grades ranging from 25-50). In the case of multiple answers questions ratio of correct answers is multiplied by a weight of 0.5. The limiter is 50%. When having test in essay form grade is converted in scalar points in this manner:

<b>grade</b>	<b>scalar points</b>
2	25
2-3	29
3	33
3-4	37
4	42
4-5	46
5	50

To pass the final exam and for the final grade (including the addition of previously achieved grade points during classes), the student must have a positive grade in the final exam and achieve a minimum of 25 grade points (50%).

Assessment in the ECTS system is performed by absolute distribution, ie on the basis of the final achievement:



A – 90-100% points

B – 75-89,9 %

C – 60-74,9 %

D -- 50-59,9%

F – 0-49,9%

Grades in the ECTS system are transformed into a numerical system as follows:

A = excellent (5)

B = very good (4)

C = good (3)

D = sufficient (2)

F = unsufficient (1)

#### **Other important information regarding to the course:**

Teaching content and all information related to the course as well as exam dates can be found on the e-course on the Merlin platform

Cosultation time:

Professor Špalj: Friday 9-10 hours.

Andrej Pavlic: Thursday 9-10 hours.

### **COURSE SCHEDULE (for the academic year 2023/2024)**

<b>Date</b>	<b>Lectures (time and place)</b>	<b>Seminars (time and place)</b>	<b>Practicals (time and place)</b>	<b>Instructor</b>
5.12.2023.	<b>Scope of dentistry</b> P1 (9:00-9:45) Krešimirova 42			professor Stjepan Spalj, PhD
5.12.2023.	<b>Organization and levels of dental care</b> P2 (9:45- 10:30) Krešimirova 42			professor Stjepan Spalj, PhD
5.12.2023.	<b>Dental auxiliaries</b> P3 (10:45-11:30) Krešimirova 42			professor Stjepan Spalj, PhD
5.12.2023.	<b>Education in dentistry</b> P4 (11:30-12:15) Krešimirova 42			professor Stjepan Spalj, PhD
5.12.2023.	<b>Health insurance</b> P5 (12:45- 13:30) Krešimirova 42			professor Stjepan Spalj, PhD
6.12.2023.	<b>Organization of work in dental practice</b> P6 P1 (9:00-9:45) Krešimirova 42			professor Stjepan Spalj, PhD
6.12.2023.	<b>Running a dental practice</b> P7 (9:45-10:30) Krešimirova 42			professor Stjepan Spalj, PhD



6.12.2023.	<b>Ergonomics, occupational and iatrogenic diseases</b> P8 (10:45-11:30) Krešimirova 42			professor Stjepan Spalj, PhD
6.12.2023.		S1 (11:30-12:15) Krešimirova 42		Andrej Pavlic, PhD
6.12.2023.		S2 (12:45-13:30) Krešimirova 42		professor Stjepan Spalj, PhD
7.12.2023.		S3 (9:00-9:45) Krešimirova 42		professor Stjepan Spalj, PhD
7.12.2023.		S4 (9:45-10:30) Krešimirova 42		professor Stjepan Spalj, PhD
7.12.2023.		S5 (10:45-11:30) Krešimirova 42		professor Stjepan Spalj, PhD
7.12.2023.		S6 (11:30-12:15) Krešimirova 42		professor Stjepan Spalj, PhD
7.12.2023.		S7 (12:45-13:30) Krešimirova 42		professor Stjepan Spalj, PhD

**List of lectures, seminars and practicals:**

	<b>LECTURES (Topics)</b>	<b>Teaching hours</b>	<b>Location/Lecture room</b>
L1	<b>Scope of dental professions</b>	1	Kresimirova 42
L2	<b>Organization and levels of dental care</b>	1	Kresimirova 42
L3	<b>Dental auxiliaries</b>	1	Kresimirova 42
L4	<b>Education in dentistry</b>	1	Kresimirova 42
L5	<b>Health insurance</b>	1	Kresimirova 42
L6	<b>Organization of work in dental practice</b>	1	Kresimirova 42
L7	<b>Running a dental practice</b>	1	Kresimirova 42
L8	<b>Ergonomics, occupational and iatrogenic diseases</b>	1	Kresimirova 42
	<b>TOTAL TEACHING HOURS</b>	<b>8</b>	

	<b>SEMINARS (Topics)</b>	<b>Teaching hours</b>	<b>Location/Lecture room</b>
S1-7	Social aspects of the dental profession	7	Kresimirova 42
	<b>TOTAL TEACHING HOURS</b>		



	<b>PRACTICALS (Topics)</b>	<b>Teaching hours</b>	<b>Location/Lecture room</b>
	<b>TOTAL TEACHING HOURS</b>		

	<b>FINAL EXAM DATES</b>
1.	8.12.2023.
2.	18.1.2024.
3.	22.2.2024.
4.	22.3.2024.

	<b>Lectures</b>	<b>Seminars</b>	<b>Practicals</b>	<b>Total</b>
Total number	8	7		15
On-line	0	0		0
Percentage	0	0		0