



Course Regime

Course

3D Technologies in Orthodontics and Dentofacial Orthopaedics

Study Programme

Dental Medicine

Course type

Elective

Year of the Course

1. 2. 3.

Semester

Winter

No. of ECTS credits

3

4. 5. 6.

Lecturer(s)

Prof. dr. Maja Ovsenik, PhD, DMD

Participating Organisational Units (Departments and Institutes)

Department of Orthodontics and Dentofacial Orthopaedics

Parts (Modules) of the Course

1:

2:

3:

4:

Date of Issue

15. 9. 2021

A. General Part (*applies to compulsory and elective courses*)

1. Course objectives

Course will cover some selected topics of contemporary 3D diagnostic tools which to continue to replace conventional methods in dentistry.

Students will gain knowledge and skills for using 3D jaw model scanner, 3D facial photography and an intraoral scanner. They will gain insight in possible methods of use of 3D technologies, their advantages and limitations.

2. Comprehensive outline of the course organisation

Clinical practice will be performed in small groups, where students will be able to handle with contemporary 3D diagnostic devices such as 3D facial camera, intraoral scanner and 3D jaw model scanner.

Each student will be assigned a seminar to study a selected topic discussing ways to use, advantages and limitations of contemporary 3D diagnostic tools in comparison to standard clinical diagnostic procedures. Every student will present a case, where 3D diagnostics will be used.

3. Description of on-going assessment of knowledge and skills

4. Required conditions for the final examination (Course Exam)

Completed clinical practice and a seminar are required to take the final course exam. Attendance of minimum 75% at clinical practice and seminar is obligatory.

5. Final assessment and examination of knowledge and skills (Course Exam)

In case the student has attendance higher than 85%, student is not required to take the final written exam. In such case grade of students seminar is the final grade of the course.

In case of attendance lower than 85%. Final grade of the course is made of two halves (ratio 1:1):

- a) written exam, which will contain up to 10 multiple choice theoretical questions and up to 2 written questions.
- b) grade of the seminar

6. Other provisions

For the seminar use of presentation computer software is suggested.

7. Fundamental study material and Supplement reading

Primary source of literature will be scientific articles of the 3D contemporary technology use, which will be provided during the course.

8. Exam topics, clinical presentations and skills

Clinical skills: 3D facial photography, intraoral scanning of the jaws and bite registration, 3D scanning of the jaws study model.

Topics: ways to use non-invasive 3D contemporary diagnostic tools, their properties with advantages and limitations.

9. Other information

B. Elective Courses *(considered as Elective Course Announcement)*

1. Participating main and guest lecturers

Prof. Maja Ovsenik, PhD, DMD

Asist. Aljaž Golež, DMD

Asist Rok Ovsenik, DMD

Asist. Leja Birk, DMD

2. Estimated time period in the semester

December 2021

3. Maximum number of students for the elective course (if the number of students able to attend the course is limited)

30

4. Please specify if the elective course is available in English for incoming international students (Erasmus + and others). Please specify any additional conditions in the case that the elective course is available for visiting students.

In case of Erasmus+ students, the course will be available in English language.

Additional explications and notes::

1. The Course Regime enters in force on the date of issue and remains valid until its revocation or alteration. The Course Regime may not be altered during the academic year. Any changes to the Course Regime may only enter into force starting with the next academic year (changes must be submitted no later than 14 days prior to the start of the academic year as the new Course Regime).
2. The Course Regime for compulsory courses must be published no later than 14 days prior to the start of the academic year.
3. The Course Regime for elective courses is also considered the Elective Course Announcement and must be published no later than the 30th of July prior to the start of the academic year in which it enters in force.
4. The Course Regime must be published in Slovenian and English.
5. In the Course Regime, the »Regulations for the Assessment of Knowledge and Skills for the Single-Cycle Master Study Programmes Medicine and Dental Medicine« will be referred to as "Regulations".

case of any further questions, please contact the Study Affairs Commission of the UL MF, via e-mail: ksz@mf.uni-lj.si.