

## PREREQUISITES – DENTISTRY 2023/2024

The relationship between two subjects at the Faculty of Medicine and Dentistry can be:

- a) **indifferent** – without prerequisites or other binding conditions
- b) **requiring registration** - the student can sign up for the given subject concurrently or after the prior completion of a prerequisite
- c) **requiring a prerequisite** – the student may sign up for the subject only after having completed the prerequisite

### 1<sup>st</sup> YEAR

Obligatory subject	Requiring registration	Requiring a prerequisite
Anatomy	-	-
Biology and Genetics	-	-
Czech 1	-	-
First Aid	-	-
Histology & Embryology 1	-	-
Medical Biophysics	-	-
Medical Chemistry	-	-
Pre-Clinical Dentistry 1	-	-
Preventive Dentistry & Cariology 1	-	-
Dentistry – Clinical Training 1	-	-
Optional subjects	Requiring registration	Requiring a prerequisite
Calculations in Medical Chemistry	Medical Chemistry	-
Europe: User's Guide	-	-

### 2<sup>nd</sup> YEAR

Obligatory subject	Requiring registration	Requiring a prerequisite
Biochemistry 1, 2	-	all 1 <sup>st</sup> year's subjects
Czech 2	-	
Histology & Embryology 2	-	
Microbiology 1	-	
Pathology	-	
Pathological Physiology 1	-	
Physiology	-	
Pre-Clinical Dentistry 2	-	
Preventive Dentistry & Cariology 2	-	
Prosthetic Technology	-	
Psychology in Dental Practice	-	
Dentistry - Clinical Training 2	Dentistry – Clinical Training 1	
Optional subjects	Requiring registration	
Advanced First Aid	-	-
3D Printing in Medicine	-	-

### 3<sup>rd</sup> YEAR

Obligatory subject	Requiring registration	Requiring a prerequisite
Dental Radiology	-	-
Endodontics	-	Biochemistry 2 Histology & Embryology 2 Physiology Pre-Clinical Dentistry 2 Preventive Dentistry and Cariology 2 Prosthetic Technology
Gnathology, Basic of Prosthodontics	-	-
Internal Medicine 1	-	Pathological Physiology 1
Internal Medicine 2	Internal Medicine 1	Pathological Physiology 1

Microbiology 2 – Oral Microbiology	-	Microbiology 1
Microscopic Endodontics	-	Biochemistry 2 Histology & Embryology 2 Physiology Pre-Clinical Dentistry 2 Preventive Dentistry and Cariology 2 Prosthetic Technology
Normal Anatomy of the Head & Neck	-	Anatomy
Oral Surgery 1	Dental Radiology Internal Medicine 1 Microbiology 2 - Oral Microbiology Normal Anatomy of the Head & Neck Pathological Physiology 2 Pathology - Oral Pathology Pharmacology	Microbiology 1 Pathological Physiology 1 Pathology
Orthodontic Treatment Planning	-	-
Orthodontics 1	-	-
Pathological Physiology 2	Pathology	Anatomy Biochemistry 1, 2 Biology & Genetics Czech 1 Histology & Embryology 2 Pathological Physiology 1 Physiology
Pathology – Oral Pathology	-	Pathology Histology & Embryology 2
Paediatric Dentistry 1	-	-
Periodontology 1	-	-
Pharmacology	-	-
Software Equipment in Dental Office	-	-
Surgery 1	-	-
Dentistry - Clinical Training 3	Dentistry – Clinical Training 2	-
<b>Optional subjects</b>	<b>Requiring registration</b>	<b>Requiring a prerequisite</b>
Microbiome and Its Role in the Human Body	Microbiology 2 - Oral Microbiology	Biochemistry 2 Microbiology 1
Preparation for Restorative and Prosthodontic Restorations	-	Pre-Clinical Dentistry 1, 2
Seminars in Pathophysiology	-	Pathological Physiology 2

#### 4<sup>th</sup> YEAR

Obligatory subject	Requiring registration	Requiring a prerequisite
Dermatology and Venereology	-	Pathology Pathology – Oral Pathology
Emergency Medicine in Dentistry 1	-	-
Immunology	-	-
Infectious Diseases	-	-
Internal Medicine 3	-	Internal Medicine 1, 2
Neurology	-	Anatomy Physiology
Operative Dentistry 1	-	Dental Radiology Endodontics Gnathology, Basic of Prosthodontics Microbiology 2 – Oral Microbiology

		Microscopic Endodontics Normal Anatomy of the Head & Neck Pathological Physiology 2 Pathology – Oral Pathology Pharmacology
Oral Surgery 2	-	Oral Surgery 1
Orthodontics 2	-	Orthodontics 1
Otorhinolaryngology	-	-
Pediatric Dentistry 2		Dental Radiology Paediatric Dentistry 1
Periodontology 2	-	Periodontology 1
Professional Practice in Medical Emergency Services in Dentistry	-	Endodontics
Prosthodontics 1	-	Gnathology, Basic of Prosthodontics
Surgery 2	-	Surgery 1
Dentistry – Clinical Training 4	Dentistry – Clinical Training 3	-
<b>Elective subjects</b>	<b>Requiring registration</b>	<b>Requiring a prerequisite</b>
Internship at the Med. Emergency Service	-	Endodontics
<b>Optional subjects</b>	<b>Requiring registration</b>	<b>Requiring a prerequisite</b>
Basics of Surgical Sutures	-	Surgery 1
Fractures in Children	-	Internal Medicine 2 Microbiology 2 – Oral Microbiology Pathology – Oral Pathology Pharmacology Pathological Physiology 2
Importance of Systematic Reviews in the Medicine	-	-
Incisors Modeling Using the Vanini’s Stratification Technique		Endodontics
Instruments of Evidence-Based Healthcare	-	-
Psychiatry	-	-

#### 5<sup>th</sup> YEAR

Obligatory subject	Requiring registration	Requiring a prerequisite
Clinical Pharmacology	-	-
Dental Implantology	-	-
Emergency Medicine in Dentistry 2	-	-
Epidemiology	-	-
Forensic Problem in Dentistry	-	-
Management, Ethics, Law & Social Aspects	-	-
Operative Dentistry 2	-	Dermatology and Venereology Immunology Infectious Diseases Internal Medicine 3 Neurology Operative Dentistry 1 Oral Surgery 2 Otorhinolaryngology Pediatric Dentistry 2 Periodontology 2 Prosthodontics 1

Operative Dentistry - SRE	Dentistry – Clinical Training 4 Operative Dentistry 2	Dentistry – Clinical Training 1, 2, 3 Operative Dentistry 1 Pediatric Dentistry 2 Periodontology 1, 2
Oral Medicine	-	-
Oral Surgery 3	-	Oral Surgery 2
Oral Surgery - SRE	Dentistry – Clinical Training 4 Oral Surgery 3	Dentistry – Clinical Training 1, 2, 3 Oral Surgery 1, 2
Orthodontics 3	-	Orthodontics 1, 2
Pediatric Dentistry 3	Dental Radiology Operative Dentistry 2	Pediatric Dentistry 1, 2 Preventive Dentistry & Cariology 2
Pediatrics	-	-
Preventive Physiotherapy for Dentistry	-	-
Prosthodontics 2	-	Prosthodontics 1
Prosthodontics & Orthodontics - SRE	Dentistry – Clinical Training 4 Orthodontics 3 Prosthodontics 2	Dentistry – Clinical Training 1, 2, 3 Orthodontics 1, 2 Prosthodontics 1
Surgery 3	-	Surgery 1, 2