

STUDY CURRICULUM

(RECOMMENDED STUDY PLAN)

For academic year

2024/2025

DENTISTRY

EXPLANATION TO THE ABBREVIATIONS USED IN THE STUDY CURRICULUM

Credit points – number of obtained credit points after completion of particular subject

L – number of hours of **lectures** per semester

E – number of hours of **e-learning** per semester

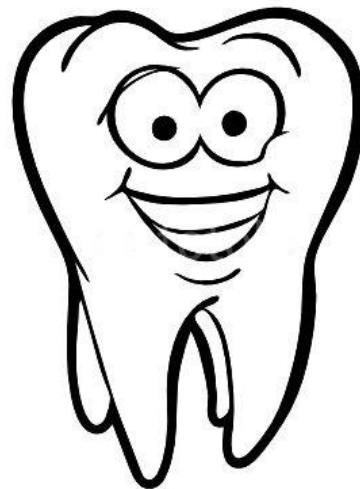
P – number of hours of **practical classes** per semester

S – number of hours of **seminars** per semester

C – credit – confirms completion of each semester in a particular subject; in some subjects needn't be followed by final examination

Ex – final examination

STEX – state examination



DENTISTRY - 1ST YEAR

SUBJECT	Credit points		Winter sem.			Summer sem.		
	WS	SS	L	E	P/S	L	E	P/S
Biophysics and Biostatistics	7	-	23	-	60 C+Ex	-	-	-
Anatomy I	6	-	30	-	45 C	-	-	-
Anatomy II	-	7	-	-	-	30	-	45 C+Ex
Histology and Embryology I	-	6	-	-	-	24	-	39 C
Preclinical Dentistry I	7	-	15	-	60 C	-	-	-
Preclinical Dentistry II	-	7	-	-	-	15	-	60 C
Public Oral Health and Preventive Dentistry	-	3	-	-	-	27	-	15 C+Ex
Biology I	4	-	15	-	30 C	-	-	-
Biology II	-	4	-	-	-	15	-	30 C+Ex
Basic Medical Terminology	2	-	-	-	30 C+Ex	-	-	-
First Aid	1	-	6	-	9 C	-	-	-
Introduction to Psychology	-	1	-	-	-	-	-	15 C
Communication with the Patient	1	-	-	-	15 C	-	-	-
Czech Language I	1	-	-	-	30 C	-	-	-
Czech Language II	-	1	-	-	-	-	-	30 C

DENTISTRY - 2ND YEAR

SUBJECT	Credit points		Winter sem.			Summer sem.		
	WS	SS	L	E	P/S	L	E	P/S
Biochemistry I	7	-	40	-	60 C	-	-	-
Biochemistry II	-	5	-	-	-	26	-	54 C+Ex
Dental Materials	4	-	30	-	30 C	-	-	-
Physiology I	7	-	45	-	60 C	-	-	-
Physiology II	-	7	-	-	-	45	-	45 C+Ex
Histology and Embryology II	4	-	21	-	36 C+Ex	-	-	-
Preclinical Dentistry III	7	-	33	-	60 C+Ex	-	-	-
Prosthetic Technology	-	8	-	-	-	15	-	90 C+Ex
Pathological Anatomy I	-	6	-	-	-	45	-	42 C
Czech Language III	1	-	-	-	45 C	-	-	-
Czech Language IV	-	1	-	-	-	-	-	39 C+Ex

DENTISTRY - 3RD YEAR

SUBJECT	Credit points		Winter sem.			Summer sem.		
	WS	SS	L	E	P/S	L	E	P/S
Pathological Anatomy II	6	-	45	-	42 C+Ex	-	-	-
Oral Microbiology	3	-	15	-	30 C+Ex	-	-	-
Pathological Physiology I	4	-	45	-	15 C	-	-	-
Pathological Physiology II	-	2	-	-	-	21	-	9 C+Ex
Pharmacology I	2	-	15	-	15 C	-	-	-
Pharmacology II	-	2	-	-	-	15	-	24 C+Ex
Internal Medicine I	-	6	-	-	-	10	20	45 C
Clinical Dentistry I	3	-	-	-	40 C	-	-	-
Clinical Dentistry II	-	9	-	-	-	6	-	120 C
Endodontics I	2	-	24	-	6 C	-	-	-
Endodontics II	-	2	-	-	-	21	-	6 C+Ex
Dental Radiology	1	-	12	-	3 C	-	-	-
Periodontology I	1	-	9	-	6 C	-	-	-
Periodontology II	-	1	-	-	-	12	-	3 C
Dentoalveolar Surgery and Implantology	3	-	36	-	12 C+Ex	-	-	-
Applied Anatomy of Head and Neck	2	-	11	-	15 C	-	-	-
Professional Practice I	-	5	-	-	-	-	-	90 C

DENTISTRY - 4TH YEAR

SUBJECT	Credit points		Winter sem.			Summer sem.		
	WS	SS	L	E	P/S	L	E	P/S
Neurology	2	-	15	-	15 C	-	-	-
Dermatovenereology	2	-	15	-	15 C	-	-	-
Medical Immunology	2	-	21	-	9 C	-	-	-
Internal Medicine II	5	-	6	14	45 C+Ex	-	-	-
Surgery I	3	-	10	20	12 C	-	-	-
Surgery II	-	3	-	-	-	10	20	12 C+Ex
Pediatrics	-	3	-	-	-	21	-	24 C+Ex
Psychiatry	-	2	-	-	-	15	-	15 C
Ophthalmology	-	2	-	-	-	15	-	15 C
Otorhinolaryngology	-	3	-	-	-	15	-	30 C+Ex
Gnathology	3	-	30	-	15 C+Ex	-	-	-
Clinical Dentistry III	7	-	6	-	120 C	-	-	-
Clinical Dentistry IV	-	6	-	-	-	-	-	105 C
Periodontology III	3	-	12	-	30 C+Ex	-	-	-
Pediatric Dentistry I	-	3	-	-	-	15	-	30 C
Prosthodontics I	3	-	12	-	30 C	-	-	-
Prosthodontics II	-	3	-	-	-	12	-	30 C
Professional Practice II	-	4		-		90 hours C		

DENTISTRY - 5TH YEAR

SUBJECT	Credit points		Winter sem.			Summer sem.		
	WS	SS	L	E	P/S	L	E	P/S
Infectious Diseases and Epidemiology	1	-	15	-	9 C	-	-	-
Molecular Medicine (biological, clinical, ethical and legal aspects)	1	-	9	-	3 C	-	-	-
Preventive Medicine	2	-	15	-	15 C	-	-	-
Public Health	1	-	6	-	12 C	-	-	-
Forensic Medicine	2	-	15	-	15 C	-	-	-
Clinical Pharmacology	1	-	12	-	3 C	-	-	-
Clinical Dentistry V	7	-	-	-	90 C	-	-	-
Clinical Dentistry VI	-	16	-	-	-	-	-	180 C
Diseases of Oral Mucosa	2	-	15	-	15 C	-	-	-
Prosthodontics III	2	-	15	-	15 C+Ex	-	-	-
Pediatric Dentistry II	2	-	15	-	15 C+Ex	-	-	-
Orthodontics	2	-	15	-	15 C	-	-	-
Maxillofacial Surgery	2	-	15	-	15 C	-	-	-
Professional Practice III	-	16	-	-	-	-	-	180 C

REQUIREMENTS FOR STATE EXAMS

1. Prior to the state examinations student must complete all requirements for 1. – 5. year.

- at least 300 credit points in total in the system
- all compulsory subjects completed
- at least 15 credit points in elective subjects

2. Once all the requirements are fulfilled, students can enrol for the final state examinations.

STATE EXAMS
State exam - laboratory part
State exam - practical part
State exam - final theoretical part

LIST OF THE RECOMMENDED ELECTIVE SUBJECTS

FOR THE DENTISTRY STUDY PROGRAM

SUBJECT	Credits		Winter sem.			Summer sem.			Recommend- ed for year
	WS	SS	L	E	P/S	L	E	P/S	
Cellular Pathobiochemistry	1	-	15 C	-	-	-	-	-	3 rd – 5 th
Clinical seminars in dentistry I	1	-	-	-	15 C	-	-	-	3 rd – 5 th
Clinical seminars in dentistry II	1	-	-	-	15 C	-	-	-	4 th – 5 th
Computer Software in Dental Practice	-	2	-	-	-	15	-	15 C	2 nd – 3 rd
General Microbiology for Dentists	-	1	-	-	-	-	-	15 C	3 rd – 4 th
Intensive study of visceral anatomy	-	2	-	-	-	-	30 C	-	1 st – 5 th
Introduction to Chemistry	-	2	-	-	-	-	18	12 C	1 st – 2 nd
Medical Biophysics Seminar	2	-	-	21	9 C	-	-	-	1 st – 5 th
Medical Information Resources on Internet	-	1	-	-	-	6	-	9 C	2 nd – 5 th
Neurosciences (FG50024)	2	-	10	-	20 C	-	-	-	4 th – 5 th
Physical Education I	1	-	-	-	30 C	-	-	-	1 st
Physical Education II	-	1	-	-	-	-	-	30 C	1 st
Physical Education III	1	-	-	-	30 C	-	-	-	2 nd
Physical Education IV	-	1	-	-	-	-	-	30 C	2 nd
Physical Education V	1	-	-	-	30 C	-	-	-	3 rd
Physical Education VI	-	1	-	-	-	-	-	30 C	3 rd
Practice during summer vacation	-	2	2 weeks practice C						2 nd only
Selected Topics from Orofacial Histology and Embryology	-	2	-	-	-	15	-	15 C	1 st – 4 th
Selected Topics from Orofacial Physiology	-	1	-	-	-	15 C	-	-	2 nd only

Student's Scientific Activity – SVOČ I	-	2	-	-	-	-	-	30 C	2 nd – 5 th
Student's Scientific Activity – SVOČ II	-	3	-	-	-	-	-	30 C	3 rd – 5 th
Summer Vacation Practice at a Clinical Workplace Abroad	-	2	-	-	-	2 weeks practice C			3 rd – 5 th
Summer Vacation Practice at a Research Workplace Abroad	-	2	-	-	-	2 weeks practice C			1 st
Topics from Preventive Medicine	2	-	15	-	15 C	-	-	-	2 nd – 5 th
Topographical Anatomy for the First Year	-	1	-	-	-	-	15 C	-	1 st – 5 th
Základní zimní sportovní kurz (Basic Winter Sports Course)	1	-	5 days C			-	-	-	1 st
Základní letní sportovní kurz (Basic Summer Sports Course)	-	1	-	-	-	9 days C			1 st