Course plan

Number of students:	**Semester:** First ■ Second □ Summer □	**Academic Year:** 1405–1406
Representative's Name and Mobile Number:	**Course:** Basic Sciences ■ Pathophysiology □	**Field:** Dentistry
Office Address: Faculty of Medicine – Department of Anatomical Sciences	**Course Name:** Anatomical Sciences 3	**Department:** Anatomical Sciences
Contact days and hours: Every day, from 12:00 to 16:00	**Course Number:** 123379	**Course Instructor:** Dr. Farshad Moharrami
Phone: 37929160	**Class Location:** Tadbir Building	**Day and time:** Saturday, 10–12
E-mail: moharrami5341@gmail.com	**Prerequisite courses:** Anatomical Sciences 2	**Course Type:** Theoretical ■ practical ■

❖ **Overall course objective:** Familiarizing the student with the development and anatomy of the central, peripheral, and autonomic nervous systems.

❖ **Specific Objectives: Upon completion of this course, the student should be able to:**

- ✓ Understand the general aspects of the nervous system.
- ✓ Understand the anatomy of the spinal cord.
- ✓ Understand the anatomy of the brainstem.
- ✓ Understand the anatomy of the cerebellum.
- ✓ Understand the anatomy of the components of the diencephalon.
- ✓ Understand the anatomy of the cerebral hemispheres.
- ✓ Understand the functions of the various regions of the cerebral cortex.
- ✓ Understand the blood supply and the ventricular system of the nervous system.
- ✓ Understand the peripheral nervous system.
- ✓ Understand the autonomic nervous system.

❖ **Primary Course Resources:**

- ✓ Anatomy of the Upper and Lower Limbs by Dr. Bahram Elahi
- ✓ Gray's Anatomy for Students (Head, Neck, and Limbs)
- ✓ Material covered in class
- ✓ Educational slides

❖ **Supplementary Course Resources:**

- ✓ Anatomy atlases

Quizzes and Class: 2 points
Midterm: 6 points
Final Exam: 12 points

❖ **Student assessment method and the marks allocated to each assessment:**

- ✓ Formative: Quizzes and assignments (total 2 points) – Midterm exam (6 points)
- ✓ Summative: Final exam (12 points)

❖ **Student Responsibilities:**

- ✓ **In-person:** Timely attendance in class according to the schedule; completion and submission of assignments by the due date; active participation in class (Q&A); and preparation for quizzes.
- ✓ **Remote (Online):** Timely attendance in online sessions according to the schedule; consistent and active participation by students throughout the

entire duration of the online class.

❖ **Course coordinator's policy regarding discipline and the enforcement of educational regulations during the course:**

- ✓ Attendance in classes according to the schedule is mandatory.
- ✓ Attendance will be taken during every session; failure to be present on time will be recorded as an absence.
- ✓ Arriving up to 5 minutes late is considered a "late arrival"; every two instances of late arrival will be counted as one absence.
- ✓ Arriving 10 minutes or more late is considered an absence.
- ✓ According to educational regulations, **0.5 points** will be deducted from the final grade for each session of absence. If a student accumulates 4 absences, the final grade will be recorded as **zero**.
- ✓ Students who provide correct answers to questions in class or participate actively will receive an additional **0.25 points** toward their final grade.
- ✓ If the "Navid" system is active during the semester and course materials are required to be uploaded there, students are mandatory to mark the "read/studied" checkbox within the system; failure to do so will be counted as an absence.

Final Exam Date: Based on the university's designated **examination period**	**Midterm Exam Date:** Within the university's examination period, the specific day for the exam is to be chosen by the student.

Anatomical Sciences 3 for Dentistry (Theoretical part)

Row	Date	Time	Title	Instructor	Theoretical or practical
1	26/9/2026	10-12	Preliminaries – Terminology	Dr.Moharrami	Theoretical
2	3/10/2026	10-12	Histology of the Nervous System	Dr.Moharrami	Theoretical
3	10/10/2026	10-12	Embryology of the Nervous System	Dr.Moharrami	Theoretical
4	17/10/2026	10-12	Spinal Cord – Gross Appearance – Coverings	Dr.Moharrami	Theoretical
5	24/10/2026	10-12	Spinal Cord – Gray Matter	Dr.Moharrami	Theoretical
6	31/10/2026	10-12	Spinal Cord – White Matter – Clinical Points	Dr.Moharrami	Theoretical
7	7/11/2026	10-12	Brainstem – Gross Appearance	Dr.Moharrami	Theoretical
8	14/11/2026	10-12	Brainstem – Gray Matter	Dr.Moharrami	Theoretical
9	21/11/2026	10-12	Brainstem – White Matter – Clinical Points	Dr.Moharrami	Theoretical
10	28/11/2026	10-12	Cerebellum	Dr.Moharrami	Theoretical
11	5/12/2026	10-12	Diencephalon	Dr.Moharrami	Theoretical
12	12/12/2026	10-12	Cerebral hemispheres	Dr.Moharrami	Theoretical
13	19/12/2026	10-12	Basal nuclei of the brain – White matter	Dr.Moharrami	Theoretical
14	26/12/2026	10-12	Autonomic nervous system	Dr.Moharrami	Theoretical
15	2/1/2027	10-12	Cranial nerves	Dr.Moharrami	Theoretical
16	9/1/2027	10-12	Blood supply to the brain	Dr.Moharrami	Theoretical
17	16/1/2027	10-12	Limbic System	Dr.Moharrami	Theoretical

Anatomical Sciences 3 for Dentistry (Practical part)

Row	Date	Time	Title	Instructor	Theoretical or Practical
1	8/11/2026	10-12	Spinal Cord	Dr.Homayoun	Practical
2	29/11/2026	10-12	Brainstem	Dr.Homayoun	Practical
3	13/12/2026	10-12	Cerebellum - Diencephalon	Dr.Homayoun	Practical
4	10/1/2026	10-12	Cerebral hemispheres	Dr.Homayoun	Practical
5	17/1/2026	10-12	Cerebral hemispheres	Dr.Homayoun	Practical