

In the name of God

Department of Medical Genetics- **Tehran University of Medical Sciences**

Human Genetics for Dentistry students - 2 Credits

Time: Mondays 8-10

1st Semester of Academic Year 2025-2026

Coordinator: Dr. Mohsen Ghadami- (phone) 88953005

No	Date	Lecture Topic	Lecturer
1	04/06/31	Introduction to Medical Genetics	Dr. Ghadami
2	04/07/07	Modes of Monogenic Inheritance	Dr. Ghadami
3	04/07/14	Molecular Genetics and Gene Mutations	Dr. Ghadami
4	04/07/21	Genetic Counseling and Pedigrees	Dr. Ghadami
5	04/07/28	Cytogenetics- Introduction + Methods	Dr. Akrami
6	04/08/05	Cytogenetics- Chromosomal Abnormalities	Dr. Akrami
7	04/08/12	Complex + Cytoplasmic Inheritance	Dr. Akrami
8	04/08/19	Cancer Genetics	Dr. Akrami
9	04/08/26	Genetics of Hematologic Disorders	Dr. Akrami
10	04/09/10	Genetic Screening	Dr. Modaresi
11	04/09/17	Genetic Engineering and Medical Applications	Dr. Modaresi
12	04/09/24	Risk Assessments for Autosomal & X-linked Inheritance	Dr. Ghadami
13	04/10/01	Epigenetics	Dr. Ghadami
14	04/10/08	Pharmacogenetics and Personalized Medicine	Dr. Modaresi
15	04/10/15	Human Gene Therapy, Important Techniques	Dr. Modaresi
16	04/10/22	Multiple Congenital Anomalies	Dr. Modaresi
17		Final Exam	Dr. Ghadami