

In the name of God

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

Medical Genetics for International Medical Students - 2 Credits Time: Tuesdays: 13-15

1st Semester of Academic Year 2025-2026

Coordinator: Dr. Mohsen Ghadami- (phone) 88953005

No	Date	Lecture Topic	Lecturer
1	404/07/01	Introduction to Medical Genetics	Dr. Ghadami
2	404/07/08	Modes of Monogenic Inheritance	Dr. Ghadami
3	404/07/15	Molecular Genetics and Gene Mutations	Dr. Ghadami
4	404/07/22	Genetic Counseling and Pedigrees	Dr. Ghadami
5	404/07/29	Cytogenetics- Introduction + Methods	Dr. Akrami
6	404/08/06	Cytogenetics- Chromosomal Abnormalities	Dr. Akrami
7	404/08/13	Complex + Cytoplasmic Inheritance	Dr. Akrami
8	404/08/20	Cancer Genetics	Dr. Akrami
9	404/08/27	Genetics of Hematologic Disorders	Dr. Akrami
10	404/09/04	Genetic Screening	Dr. Modaresi
11	404/09/11	Genetic Engineering and Medical Applications	Dr. Modaresi
12	404/09/18	Risk Assessments for Autosomal & X-linked Inheritance	Dr. Ghadami
13	404/09/25	Epigenetics	Dr. Ghadami
14	404/10/02	Pharmacogenetics and Personalized Medicine	Dr. Modaresi
15	404/10/09	Human Gene Therapy, Important Techniques	Dr. Modaresi
16	404/10/16	Multiple Congenital Anomalies	Dr. Modaresi
17		Final Exam	Dr. Ghadami