



Tishk
International University

Faculty of Applied Science
Medical Analysis Department

Course Descriptions



The immune system governs defense against pathogens and is of importance for the development of autoimmune diseases, allergy and cancer. The course discusses basic immunology including cellular and molecular processes that represent the human immune system. Subjects to be presented include cells and organs of the immune system, antigen, immunoglobulins and antibody diversity, molecular mechanisms of innate and adaptive immunity, the complement system, antigen presentation, cell-mediated effector responses, mucosal immunity and select lectures on the immune system in health and disease.

**MA 215 / IMMUNOLOGY AND CLINICAL
IMMUNOLOGY I**