



Tishk
International University

Faculty of Applied Science
Medical Analysis Department

Course Descriptions



The course includes overall of the clinical chemistry, include error metabolism of carbohydrates, lipids, and proteins, details of hormones, and mechanism of hormone action, thyroid hormones in health and disease, gastrointestinal tract, digestion and diseases associated with GIT disorders, water and electrolyte imbalance, and acid base balance and disturbances

General objectives:

1. Understanding errors of metabolism of all nutrients.
2. Know how hormones act.
3. Know how small materials digest and diseases related to disorder with GIT.
4. Understanding water and electrolyte, hormone and organ that regulate them.
5. Understanding the acid base balance and disturbances.

**MA 406 / ADVANCED CLINICAL
BIOCHEMISTRY II**