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| **Course title** | **Code** | **Semester** | **Type of course** | **Course volume (Contact hours)** | **ECTS** |
| **Gastrointestinal System and Metabolism Disorders** | **MED**  **2004** | **IV** | **Mandatory** | **66** | **5** |
| **Faculty, the educational program and level of education** | * School of Medicine and Health Sciences * Higher Medical Educational Program “Medicine” * One cycle 6-year | | | | |

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| **Learning Course Content** |
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| **Textbooks and Materials** |

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| * Pathology   Robbins Basic Pathology-Vinay Kumar; Abul K. Abbas; Elsevier; 10th. ed. 2018  Elsevier's Integrated Pathology- King C. Thomas; Mosby Elsevier; 2007;   * Topographic Anatomy   Clinically Oriented Anatomy- Moore, Keith L; Wolters Kluwer; 9th.ed. 2023;   * Medical Microbiology   Medical Microbiology- Murray, Patrick R; Rosenthal, Ken S; 9th ed. Elsevier Sounder; 2021.  Case Studies in Infectious Disease- Peter Lydyard; Garland Science; 2010;   * Pharmacology   Basic & Clinical Pharmacology: A lange medical book- Katzung, Bertram G; Mc- Graw Hill Education. 15th. ed; 2021.  Lippincott Illustrated Reviews: Pharmacology- Karen Whalen; Wolter Kluwer; South Asian ed. 2019;   * Biochemistry   Biochemistry: Lippincott's illustrated Reviews- Ferrier Denice R; Wolters Kluwer; 7th ed. 2017.  Color Atlas of Biochemistry-Jan Koolman; Klaus-Heinrich Roehm; Thieme; 3rd.ed. 2013;   * Radiology   Grainger & Allison's diagnostic radiology: a textbook of medical imaging AndyAdam;Churchill Livingstone; 6th ed; 2015  Introduction to Radiologic imaging sciences &patient care-Arlene M.Adler;Richard R.Carlton; Elsevier Saunders; 6th ed; 2016;   * Clinical skills- Nursing skills   clinical Nursing skills&techniques- Anne Griffin Perry, Patricia A. Potter; Elsevier Mosby; 10th ed;2022.  Taylor’s Clinical Nursing Skills: a nursig process approoach-Pamela Lynn; Wolters Kluwer ;9th ed.; 2023.   * Introduction to Pharmacology-Mary K.Asperheim;Justin Favaro; Elsevier Sounder. 12th.ed; 2012; * Essentials of Medical Pharmacology-KD Tripathi; Jaypee Brothers Medical Publishers; 5th ed. 2003; * Roitt’s Essential Immunology- Delves, Peter J; Martin,Seamus J; Wiley –Blackwell; 12th.ed. 2011; * Medical Microbiology: A guide to microbial infections:Pathogenesis,Immunity,Laboratory Diagnosis and Control- David Greenwood;Mike Barer; Churchill Livingstone; 18th.ed. 2012; |