

COMMITTEE COURSE CONTENT

University: Muğla Sıtkı Koçman University

Faculty: Faculty of Medicine/ **Program:** English Program

Academic Year: 2024-2025

Phase: 2 Comitee: 4 (DIGESTIVE SYSTEM AND METABOLISM COMMITTEE)

Course Code: 2400/ ECTS: 10 / Theoric+Practice Lesson +Laboratory Lesson

Course Type : Compulsory/ Course Length : 7 weeks/ Type of Teaching : Formal/ Language of Instruction : English

Anatomy (MED 2004)

Theoretical:

1. Anatomy of Oral Cavity (2 hour)
2. Anterolateral Abdominal Wall (2 hour)
3. Liver and Biliary Ducts (2 hour)
4. Parotid Region and Muscles of Mastication (1 hour)
5. Peritoneum and Peritoneal Cavity (3 hour)
6. Pharynx (2 hour)
7. Portal system (1 hour)
8. Stomach and Esophagus (2 hour)
9. Topography of the Abdomen (2 hour)
10. Vessels and Nerves of Abdominal Organs (2 hour)
11. Large Intestine (2 hour)
12. Small Intestine (2 hour)

Practical:

1. Anatomy of Oral Cavity (2 hour)
2. Anterolateral Abdominal Wall, Topography of the Abdomen (2 hour)
3. General repetition (2 hour)
4. Large Intestine (2 hour)
5. Liver and Biliary Ducts (1 hour)
6. Pancreas and Spleen (1 hour)
7. Peritoneum and Peritoneal Cavity (2 hour)
8. Pharynx, Parotid Region and Muscles of Mastication (2 hour)
9. Small Intestine (2 hour)
10. Stomach and Esophagus (2 hour)
11. Vessels and Nerves of Abdominal Organs (2 hour)

Histology- Embryology (MED 2003)

Theoretical:

1. Development of body cavities, diaphragm and serous membranes (1 hour)
2. Development of Digestive System (2 hour)
3. Digestive system: Esophagus and Stomach (2 hour)
4. Digestive system: Glands microscopic introduction (1 hour)
5. Digestive system: Liver, gallbladder and pancreas (3 hour)
6. Digestive system: Oral Cavity (3 hour)
7. Digestive system: Oral Cavity; microscopic introduction (1 hour)
8. Digestive system: Small and Large Intestine (3 hour)
9. Microscopic evaluation of Committee (1 hour)
10. Gastrointestinal tract; microscopic (1 hour)

Practical:

1. Digestive system: Oral Cavity (1 hour)
2. Digestive system: Gastrointestinal tract (2 hour)

3. Digestive system: Glands (2 hour)

M. Biochemistry (MED 2001)**Theoretical:**

1. Digestion & absorption of carbohydrates (2 hour)
2. Digestion & absorption of Lipids (2 hour)
3. Digestion & absorption of Proteins (2 hour)
4. Medical Biochemistry of Liver (2 hour)
5. Metabolism of Bile acids (2 hour)

M. Microbiology (MED 2007)**Theoretical:**

1. Antiviral Drugs (1 hour)
2. Arboviruses (1 hour)
3. Enteroviruses (1 hour)
4. Herpesviridae (HSV, VZV, EBV, CMV etc) (2 hour)
5. Hepatitis viruses (3 hour)
6. HIV and Retroviruses (2 hour)
7. HPV and Adenoviruses (1 hour)
8. Influenza Viruses (2 hour)
9. Measles and Rubella Viruses (2 hour)
10. Parainfluenza and Mumps Viruses (1 hour)
11. Parvoviruses, Polyomaviruses and Poxviruses (1 hour)
12. Prions (1 hour)
13. Rabies virus, Hantaviruses, Arenaviruses and Filoviruses (1 hour)
14. Rotaviruses and Other viruses causing diarrhoea (1 hour)
15. RSV, Rhinoviruses, Coronaviruses, and HTLV (1 hour)
16. Viral Pathogenesis (1 hour)
17. Viral structure and Classification of Medically Important Viruses (3 hour)

Practical:

1. laboratory Diagnostic Methods Of Clinically Important Viruses (2 hour)

Physiology (MED 2006)**Theoretical:**

1. Body temperature regulation (3 hour)
2. Digestion and absorption of food (2 hour)
3. Function of gastrointestinal System I- (mouth: pharynx and esophagus (2 hour)
4. Function of gastrointestinal System II - stomach (2 hour)
5. Function of gastrointestinal System III - pancreas, small intestine and large intestine (2 hour)
6. Function of liver and gall bladder (1 hour)
7. General principles of gastrointestinal function (2 hour)
8. Leukocytes, nonspecific immune responses (1 hour)
9. Lymphoid glands, cytokines (2 hour)
10. Rate of metabolism (2 hour)
11. Leukocytes, nonspecific immune responses (1 hour)
12. Function of liver and gall bladder (1 hour)

Non- Committee Courses:

1. Foreign Language (18 hour)