

## معاونت آموزشی دانشگاه علوم پزشکی اهواز

### مرکز مطالعات و توسعه آموزش علوم پزشکی

Course ID and Course Schedule  
Student Form

Course Title: Digestive Physiology Faculty: Medicine		Program: Medicine
Course Code: 21 Histology, Cell Physiology and Sunday-10:00-12:00 A.M.	Academic Year: 2025- 2026 Academic Semester: 3rd	Prerequisite: Biochemistry, GIT Anatomy and Credit amount: 0.62 Course Schedule: Saturday Emails: alimard77@gmail.com-mard-sa@ajums.ac.ir
Specific objectives: Learning the processes of digestion and absorption of food along GIT; regulation of appetite and food intake; Liver functions in terms of fats digestion and absorption, storage of the absorbed foods, excretion endobiotics and xenobiotic, regulating homeostasis of food in the blood; defecation; micro-biota functions.		

Teacher's name	Teaching method	Student activity	Outline (Expected co
Dr. Mard	Lecture and PowerPoint presentation, Using the PBL method to explain and facilitate physiological topics and express their importance, sometimes discussions on clinical and pharmacological cases.	Active student participation in class discussions - summarizing - listening - questions and answers	The role of the digestive s of the digestive system - I regulate blood flow in the
Dr. Mard	Lecture and PowerPoint presentation, Using the PBL method to explain and facilitate physiological topics and express their importance, sometimes discussions on clinical and pharmacological cases.	Active student participation in class discussions - summarizing - listening - questions and answers	Explanation of the proces movements including food rate; contractions of the s mechanism of defecation; disorders
Dr. Mard	Lecture and PowerPoint presentation, Using the PBL method to explain and facilitate physiological topics and express their importance, sometimes discussions on clinical and pharmacological cases.	Active student participation in class discussions - summarizing - listening - questions and answers	Description of digestive ju Description of salivary, es physiological role of each
Dr. Mard	Lecture and PowerPoint presentation, Using the PBL method to explain and facilitate physiological topics and express their importance, sometimes discussions on clinical and pharmacological cases.	Active student participation in class discussions - summarizing - listening - questions and answers	Description of pancreatic, digestion and absorption o mechanisms of gallstone f
Dr. Mard	Lecture and PowerPoint presentation, Using the PBL method to explain and facilitate physiological topics and express their importance, sometimes discussions on clinical and pharmacological cases.	Active student participation in class discussions - summarizing - listening - questions and answers	Explanation of colon secretio digestion and absorption of c lipid-soluble vitamins.
Dr. Mard	Lecture and PowerPoint presentation, Using the PBL method to explain and facilitate physiological topics and express their importance, sometimes discussions on clinical and pharmacological cases.	Active student participation in class discussions - summarizing - listening - questions and answers	A brief description of the mic digestive juices in their survi tract and the human body - D Regulation of eating rate and effective in health and diseas

Student assignments: Attending classes on time – Get involved in class discussions – note taking	
Evaluation: Class activity, mid, and final exam	Homework score: Up to 10% of the total score
Midterm exam score: up to 40% of the total score	End-of-semester exam:

Main course references and approved by the Ministry: Guyton and Hall Textbook of Medical Physiology - Ganong's Review of Medical Physiology