

Module: SE14 Nutritional Medicine		
Exam: SE14 Nutritional Medicine	LV.-No.:	ECTS-Points: 5 CP
Recommended Semester: 5th Semester	Module: Mandatory	Language: German
Responsible lecturer: Prof. Dr. Heike Englert	Cycle: Winter Term	Registration information:
Lecturer in charge: Prof. Dr. Heike Englert, Prof. Dr. Joachim Gardemann, Dipl.-Oecotroph. Alwine Kraatz		
Learning outcomes	Students are able <ul style="list-style-type: none"> • to explain pathological, pathophysiological and pathobiochemical basics of the prevalent diseases of the digestive system as well as of human nutrient-dependent diseases • to explain the basics of current internal, pediatric, psychosomatic and surgical therapies for prevalent diseases of the digestive system and human nutrient-dependent diseases • to explain the social-medical and health-economic significance and impact of prevalent diseases of the digestive system and human nutrient-dependent diseases? • to derive disease-specific dietary recommendations in terms of nutritional medicine • critically evaluate medical literature 	
Form of exam	Module exam: written exam (120 min)	
Form of teaching	<ul style="list-style-type: none"> • Seminaric Lecture • E-Learning • Practical Training 	
Course contents	<ul style="list-style-type: none"> • Repetition of anatomy and physiology of the human digestive system • Congenital malformations of the digestive tract, their development and treatment • Diseases of the mouth and esophagus and their treatment • Diseases of the stomach and their treatment • Diseases of the duodenum, pancreas and liver and their treatment • Diseases of jejunum and ileum and their treatment • Diseases of the colon and rectum and their treatment • Metabolic diseases (diabetes mellitus, hyperuricemia, hormonal dysregulations) and their treatment • Local and tropical nutritional deficiencies (marasmus, kwashiorkor, pellagra, beri-beri, scurvy, rickets etc.) as well as their prevention and treatment • Basics of infant nutrition in health and disease 	
Workload	Presence (2 SWS): Preparation and Follow-up: Sum:	45 h 105 h 150 h

Requirements	Human Biology (G9) Nutrition of healthy humans (SE1 & SE7) Nutrition of sick humans (SE8 & SE13)
Literature	Literature recommendations will be given in the seminar