Advanced Medicine and Pharmacology

Anatomy, Physiology, and Pathophysiology
(Anatomie, Physiologie und Pathophysiologie)

Lecture: 2 hours per week (summer semester)
ECTS credits: 4

Topics:
Blood, Immunology, Heart and Circulation, Gastrointestinal Tract, Kidney, Nervous System

Literature:
Thews, Mutschler, Vaupel, Anatomie, Physiologie, Pathophysiologie des Menschen, WVG, Stuttgart.
S. Silbernagl, A. Despopoulos, Taschenatlas der Physiologie, Thieme-Verlag, Stuttgart, New York.

no assessment

Pharmacology and Clinical Pharmacology
(Pharmakologie und klinische Pharmakologie)

Lecture: 2 hours per week (winter and summer semester)
ECTS credits: 8

Topics:
Cardiovascular Pharmacology, Drugs affecting gastrointestinal function, chemotherapy of microbial diseases chemotherapy of neoplastic diseases
Toxicology: Heavy Metals, etc.
Drugs and the treatment of psychiatric disorders

Literature:

no assessment
Practical Course of Physiology, Pharmacology, and Toxicology
(Kursus der Physiologie, Pharmakologie und Toxikologie)

Practical Course: 9 hours per week
(2 weeks in October) Winter semester
ECTS credits: 10

Topics:
Heart and Circulation, Kidney, Endocrinology, Pharmacokinetics

Literature:
Special manuscripts for all participants.

Method of assessment: written examination