

Course: Basic medical scientific foundation

credits: 5

Course code	PHLM25BMWV	Modes of delivery	Lecture
Name	Basic medical scientific foundation		Practical / Training
Study year	2025-2026		Tutorial
ECTS credits	5	Assessments	Knowledge test - Computer, organised by STAD examinations
Language	Dutch, with parts in English		
Coordinator	C. Lammers		

Learning outcomes

Medical Expert

Learning Outcome (final level):

The Physician Assistant can, based on both generalist and specialist medical knowledge, skills, and insights, carry out the medical diagnostic and treatment process in both routine and complex, specialized care situations.

Level 1

The student Physician Assistant can inventory single and composite patient problems, with an emphasis on systematically acquiring activating data obtained from anamnesis, physical examination, and additional diagnostics to arrive at a diagnosis and corresponding treatment and policy.

Communication

Learning Outcome (final level):

The Physician Assistant (PA) communicates effectively and empathetically with patients, relatives, and (healthcare) professionals. The PA collects, organizes, and shares relevant information, involves patients in treatment plans, and adapts communication to the situation. The PA carefully documents decision-making, considering patient safety and privacy.

Level 1

The student Physician Assistant (PA) maintains an empathetic and trusted therapeutic relationship, shares appropriate information about research and aftercare, communicates under the supervision of the practitioner, and collects relevant biopsychosocial and medical information about the request for help.

Scientific Thinking

Learning Outcome (final level):

The Physician Assistant analyzes complex issues, critically assesses existing evidence, and conducts scientific research to implement substantiated improvements in healthcare.

Level 1

The student Physician Assistant applies the principles of EBP (Evidence-Based Practice) when assessing scientific literature to translate a professional practice issue into a relevant research question with an appropriate methodology.

Content

The course Basic Medical Scientific Foundation is an introductory course offering the following basic medical sciences: general gross anatomy, physiology (ie biochemistry, cell and function, histology and lymph system & defense), pharmacology, behavior and communication (including health psychology) and evidence based practice. This information is acquired by means of lectures and tutorials. The role of this block within the curriculum is to promote synchronicity in knowledge and attitude between the students in order to increase the effectiveness of the subsequent units of study.

Included in programme(s)

Physician Assistant

School(s)

School of Health Care Studies