



# Informatik Propädeutikum

**Module title:**

Informatik Propädeutikum  
Computer Science Propaedeutics

**Credits:**

3

**Responsible person:**

Niedermeier, Rolf

**Office:**

TEL 5-1

**Contact person:**

Thielcke, Christlinda

**Website:**

<http://www.akt.tu-berlin.de>

**Display language:**

German

**E-mail address:**

[lehre@akt.tu-berlin.de](mailto:lehre@akt.tu-berlin.de)

## Learning Outcomes

On successful completion, students will be able to understand fundamental scientific problems and phenomena of computer science, overview the historic development of computer science and the required skills for a job in computer science, distinguish computer science from other sciences, understand the numerous interdisciplinary requirements on successful computer science, acknowledge the social relevance of computer science and critically question computer science applications and methods with respect to their impact on society

## Content

Foundations of scientific work in computer science:

history, phenomena, modeling and abstraction, central ideas and concepts, impact on society, current challenges.

## Module Components

Course Name	Type	Number	Cycle	SWS
Informatisches Propädeutikum	VL	401 L 150	WS	2

## Workload and Credit Points

Informatisches Propädeutikum (Vorlesung)	Multiplier	Hours	Total
No information	15.0	2.0h	30.0h
No information	15.0	2.0h	30.0h
			60.0h

  

Course-independent workload	Multiplier	Hours	Total
No information	1.0	30.0h	30.0h
			30.0h

The Workload of the module sums up to 90.0 Hours. Therefore the module contains 3 Credits.

## Description of Teaching and Learning Methods

No information

## Requirements for participation and examination

**Desirable prerequisites for participation in the courses:**

No information

**Mandatory requirements for the module test application:**

No information

## Module completion

**Grading:**

graded

**Type of exam:**

Written exam

**Language:**

German

**Duration/Extent:**

No information

## Duration of the Module

This module can be completed in one semester.

## Maximum Number of Participants

This module is not limited to a number of students.

## Registration Procedures

*No information*

## Recommended reading, Lecture notes

**Lecture notes:**

*unavailable*

**Electronical lecture notes :**

available

*Additional information:*

Vorlesungsfolien werden unter [www.isis.tu-berlin.de](http://www.isis.tu-berlin.de) verfügbar sein

## Assigned Degree Programs

This module is used in the following modulelists:

**Informatik (Bachelor of Science)**

StuPO 2013

Modullisten der Semester: SS 2017

**Informatik (Bachelor of Science)**

StuPO 2015

Modullisten der Semester: SS 2017 WS 2017/18 SS 2018 WS 2018/19

**MINTgruen Orientierungsstudium (Orientierungsstudium)**

Studienaufbau MINTgrün

Modullisten der Semester: SS 2017

*No information*

## Miscellaneous

*No information*