Aktuelle Themen der Algorithmik

Module title:
Aktuelle Themen der Algorithmik
Current Topics in Algorithmics

Credits:
3

Responsible person:
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Website:
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Display language:
German

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Learning Outcomes

On successful completion, students will be able to:
- overview a current topic in the field of algorithmics from a theoretical and an applied perspective
- familiarize themselves with a new algorithmic topic
- present a current algorithmic topic in oral and written form to a group of non-experts

Content

Current topics in algorithmics; the material is taken from scientific books and journal articles. The current topic will be announced on the website of the research group algorithmics and complexity theory (http://www.akt.tu-berlin.de/menue/teaching/).

Module Components

Course Name	Type	Number	Cycle	SWS
Aktuelle Themen der Algorithmik	SEM	0434 L 235	WS/SS	2

Workload and Credit Points

Aktuelle Themen der Algorithmik (Seminar)	Multiplier	Hours	Total
No information	15.0	2.0h	30.0h
No information	15.0	4.0h	60.0h
			90.0h

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:
Portfolio examination
100 points in total

Language:
German

Grading scale:

Note:	1.0	1.3	1.7	2.0	2.3	2.7	3.0	3.3	3.7	4.0
Punkte:	86.0	82.0	78.0	74.0	70.0	66.0	62.0	58.0	54.0	50.0

Test description:
According to §47 (2) AllgStuPO the grade will be calculated applying grading key 1 of Fakultät IV, it may however be altered in favour of the students.

Test elements	Categorie	Points	Duration/Extent
No information	flexible	10	*No information*
No information	oral	70	*No information*
No information	written	20	*No information*

Duration of the Module

This module can be completed in one semester.

Maximum Number of Participants

The maximum capacity of students is 12

Registration Procedures

No information

Recommended reading, Lecture notes

Lecture notes:
unavailable

Electronical lecture notes :
unavailable

Assigned Degree Programs

This moduleversion is used in the following modulelists:

- Elektrotechnik/Informationstechnik als Quereinstieg (Lehramt) (Master of Education)
  - Anlage 3 - StuPO 2016
    - Modullisten der Semester: SoSe 2021
- Elektrotechnik/Informationstechnik als Quereinstieg (Lehramt) (Master of Education)
  - StuPO 2016
    - Modullisten der Semester: SoSe 2021
- Informatik (Bachelor of Science)
  - StuPO 2015
    - Modullisten der Semester: SoSe 2021
- Informationstechnik (Lehramt) (Master of Education)
  - Kernfach StuPO 2016
    - Modullisten der Semester: SoSe 2021
- Informationstechnik (Lehramt) (Master of Education)
  - Zweitfach StuPO 2016
    - Modullisten der Semester: SoSe 2021
- Informationstechnik (Lehramt) (Bachelor of Science)
  - Kernfach StuPO 2016
    - Modullisten der Semester: SoSe 2021
- Informationstechnik (Lehramt) (Bachelor of Science)
  - Zweitfach StuPO 2016
    - Modullisten der Semester: SoSe 2021
- Naturwissenschaften in der Informationsgesellschaft (Bachelor of Science)
  - StuPO 2017
    - Modullisten der Semester: SoSe 2021
- Naturwissenschaften in der Informationsgesellschaft (Bachelor of Science)
  - StuPO 2018
    - Modullisten der Semester: SoSe 2021
- Technische Informatik (Bachelor of Science)
  - BSc Technische Informatik StuPO 2015
    - Modullisten der Semester: SoSe 2021
- Wirtschaftsinformatik (Bachelor of Science)
  - BSc Wirtschaftsinformatik StuPO 2015
    - Modullisten der Semester: SoSe 2021

No information

Miscellaneous

No information