

<b>Titel des Moduls:</b> Research Colloquium on Algorithms and Complexity Dt.: Forschungskolloquium über Algorithmen und Komplexität	<b>LP (nach ECTS):</b> 3	<b>Stand:</b> 03.06.2015
<b>Verantwortlich für das Modul:</b> Niedermeier, Rolf	<b>Ansprechpartner für das Modul:</b> Thielcke, Christlinda	
<b>E-Mail:</b> lehre@akt.tu-berlin.de	<b>Sekretariat:</b> TEL 5-1	<b>POS-Nr.:</b> 27705
<b>URL:</b> <a href="http://www.akt.tu-berlin.de/menue/teaching">http://www.akt.tu-berlin.de/menue/teaching</a>	<b>Sprache:</b> Englisch	

## Modulbeschreibung

<p><b>Lernergebnisse</b></p> <p>Participants of this module have learned how to critically read and evaluate scientific papers. They are able to work independently to gain an understanding of current research results and the methods and proofs behind. They can communicate the central ideas behind and discuss the value of the presented findings. They know about the key features of good oral presentations and the preparation of a corresponding handout (2-4 pages).</p> <p>Participants of this module have learned how to critically read and evaluate scientific papers. They are able to work independently to gain an understanding of current research results and the methods and proofs behind. They can communicate the central ideas behind and discuss the value of the presented findings. They know about the key features of good oral presentations and the preparation of a corresponding handout (2-4 pages).</p>
--

<p><b>Lehrinhalte</b></p> <p>In this seminar recent research of our group and special invited guests is presented. The main topics arise from algorithms, complexity, and corresponding applications. The seminar is an excellent opportunity for advanced students to get in touch with current topics in our research field, or to present their own results in this context.</p> <p>In this seminar recent research of our group and special invited guests is presented. The main topics arise from algorithms, complexity, and corresponding applications. The seminar is an excellent opportunity for advanced students to get in touch with current topics in our research field, or to present their own results in this context.</p>
---

<b>Modulbestandteile</b>				
<b>Pflichtteil (Pflicht)</b>				
<i>LV-Titel</i>	<i>LV-Art</i>	<i>LV-Nummer</i>	<i>Turnus</i>	<i>SWS</i>
Research Colloquium on Algorithms and Complexity	SEM	0434 L 230	WS/SS	2

<b>Arbeitsaufwand und Leistungspunkte</b>			
1 ECTS entspricht 30.0 Stunden (Runden: Aufrunden)			
<b>Research Colloquium on Algorithms and Complexity (Seminar)</b>			90.0h
<i>Aufwandbeschreibung:</i>	<i>Multiplikator:</i>	<i>Stunden:</i>	=
Präsenzzeit	15.0	2.0h	30.0
Vor-/Nachbereitung	15.0	4.0h	60.0

<b>Beschreibung der Lehr- und Lernformen</b>
Classic seminar with conference style talks. Participating students have to write a handout (2-4 pages), where central ideas and methods presented in the talk are summarized.

<b>Voraussetzungen für die Teilnahme / Prüfung</b>
Wünschenswerte Voraussetzungen für die Teilnahme zu den Lehrveranstaltungen: a) obligatory: Bachelor in Computer Science, Technical Computer Science, or Mathematics b) desirable: Further knowledge on algorithms and complexity
Verpflichtende Voraussetzungen für die Modulprüfungsanmeldung: keine

<b>Abschluss des Moduls</b>	
Benotung: benotet.	
Prüfungsform: Portfolioprfung	
A total of 100 portfolio points can be achieved:	
- handout: 30 portfolio points	
- talk: 70 portfolio points	
In accordance with § 47 (2) AllgStuPO, the final grade will be determined by applying the grading key 1 of faculty IV.	
<i>Studienleistung</i>	<i>Punkte</i>
(Ergebnisprüfung) handout	30
(Ergebnisprüfung) talk	70

<b>Dauer des Moduls</b>
Das Modul kann in 1 Semester(n) abgeschlossen werden.

<b>Maximale Teilnehmer(innen)zahl</b>
Das Modul ist auf 12 Teilnehmer begrenzt.

<b>Anmeldeformalitäten</b>
Please register at QISPOS or directly at the examination office.

**Literaturhinweise, Skripte**

 Skripte in Papierform vorhanden? \_\_\_\_\_ Nein

 Skripte in elektronischer Form vorhanden? \_\_\_\_\_ Nein
**Literatur:**

Recommended Reading:

The participants are asked to research on their own in order to contribute to the seminar.

**Zugeordnete Studiengänge**

Studiengang	Stupo	Gruppenname	Typ
Computer Engineering	MSc Computer Engineering PO 2015	Grundlagen der Informatik / Foundations of Computing	Freie Wahl
Computer Science (Informatik)	MSc Computer Science / Informatik PO 2015	Grundlagen der Informatik / Foundations of Computing	Freie Wahl
Computer Science (Informatik)	MSc Computer Science / Informatik PO 2015	Grundlagen der Informatik / Foundations of Computing	Wahl nach ECTS Punkten
Elektrotechnik	Msc Elektrotechnik PO 2015	Grundlagen der Informatik / Foundations of Computing	Freie Wahl
Informatik	MSc Informatik PO 2013	Intelligente Systeme	Wahl nach ECTS Punkten
Informatik	MSc Informatik PO 2013	Verlässliche Systeme	Wahl nach ECTS Punkten

Computer Science diploma

Technical Computer Science diploma

**Sonstiges**