Antragsteller: Stefan Hougardy  
Modul: MA-INF 1201 Approximation Algorithms  
Semester: Sommersemester 2016  

Erforderliche Studienleistungen gemäß § 11 (6) PO:  
50% of the possible points for the exercises. The points are acquired by presenting the solutions in groups of at most two participants. In order to get points for their solutions, the participants must be able to explain their answers in the exercise classes.

Antragsteller: Jens Vygen  
Modul: MA-INF 1202 Chip Design  
Semester: Sommersemester 2016  

Erforderliche Studienleistungen gemäß § 11 (6) PO:  
50% of the possible points for the exercises. The points are acquired by presenting the solutions in groups of at most two participants. In order to get points for their solutions, the participants must be able to explain their answers in the exercise classes.

Antragsteller/in: Dr. Michael Nüsken  
Modul: MA-INF 1312  
Semester: Sommersemester 2016  

Erforderliche Studienleistungen gemäß § 11 (6) PO:  
50% of the possible points for the corrected exercises.

Antragsteller/in: PD Dr. Elmar Langetepe  
Modul: MA-INF 1314 Online Motion Planning  
Semester: Sommersemester 2016  

Erforderliche Studienleistungen gemäß § 11 (6) PO:  
50 % der Übungspunkte (Übungspunkte können durch die Abgabe von gelösten Übungsaufgaben in Gruppen von bis zu drei Studierenden erzielt werden) sowie zweimaliges erfolgreiches Vorstellen einer gelösten Aufgabe in den Übungsgruppen.
Antragsteller/in: Jun-Prof. Dr. Angela Yao  
Datum: 10.03.2016  
Modul: MA-INF 2117 Markov Random Fields for Vision and Graphics  
Semester: Sommersemester 2016  
Erforderliche Studienleistungen gemäß § 11 (6) PO:  
There will be four small project in the exercises to be done either alone or in pairs. Each project will have a theoretical and a coding portion. 50% of the possible points on the theoretical portion and 50% of the possible points on the coding portion are required for *each* project to be permitted into the exam. The points for each portion of the project are acquired by handing a report to the teaching assistants and making a presentation to the exercise group.

Antragsteller/in: Prof. Dr. Andreas Weber  
Datum: 15.02.2016  
Modul: MA-INF 2202 Computer Animation  
Semester: Sommersemester 2016  
Erforderliche Studienleistungen gemäß § 11 (6) PO:  
50% of the possible points for the exercises. The points are acquired by presenting the solutions in the small exercise groups.

Antragsteller/in: Prof. Dr. Reinhard Klein  
Datum: 03.02.2016  
Modul: MA-INF 2209 - ATCG I  
Semester: Sommersemester 2016  
Erforderliche Studienleistungen gemäß § 11 (6) PO:  
The exercises are subdivided into a theoretical part and a programming part. For each part 50% of the possible points are required. The points are acquired by presenting the solutions in the small exercise groups.

Antragsteller/in: apl. Prof. Dr. Frank Kurth  
Datum: 07.03.2016  
Modul: MA-INF 2212 - Selected Topics in Signal Processing  
Semester: Sommersemester 2016  
Erforderliche Studienleistungen gemäß § 11 (6) PO:  
The criterion to be admitted to the final exam is to obtain 50% of all possible points for the exercises accompanying the lecture. The points are acquired based on weekly handed-in written solutions of the tasks on the provided exercise sheets (usually provided weekly). The solutions may be prepared in small groups of 2-4 students. When preparing solutions in groups, each individual student has to be able to present all of his or her groups’ solutions.
Antragsteller/in: Prof. Dr. Juergen Gall
Modul: MA-INF 2213 - Computer Vision II
Semester: Sommersemester 2016
Erforderliche Studienleistungen gemäß § 11 (6) PO:
50% of the possible points for the exercises. The points are acquired by solving theoretical and programming assignments and by presenting the solutions in the small exercise groups.

Antragsteller/in: Matthias Hullin
Modul: MA-INF 2214 Computational Photography
Semester: Sommersemester 2016
Erforderliche Studienleistungen gemäß § 11 (6) PO:
- Mindestens 50% der Übungspunkte
- Präsenz bei Übungsterminen (mehr als 2 Fehltage nur in begründeten Einzelfällen) und Vorstellung der eigenen Lösungen
- Nachweis der Bearbeitung eines selbst definierten Kursprojekts (festgestellt anhand der Abgabe eines Projektplans sowie einer Abschlusspräsentation).

Antragsteller: Jens Tölle
Modul: MA-INF 3201 Network Security
Semester: Sommersemester 2016
Erforderliche Studienleistungen gemäß § 11 (6) PO:
Admission to final exam: Exercise sheets will be issued approx. bi-weekly. The solutions have to be prepared in small groups of 2 or 3 students. Solutions have to be submitted by e-mail. Students have to obtain at least 50% of all points to be admitted to the exam.

All solutions have to be created by the group members themselves. Solutions containing plagiarism (e.g. copied from web sites or other groups) will be given 0 points for the corresponding task. If two or more groups hand in the same solution, they all will be given 0 points because we cannot know which group developed the original solution.

Antragsteller/in: Dr. M. Frank, Prof. Dr. P. Martini
Modul: MA-INF 3202 Mobile Communication
Semester: Sommersemester 2016
Erforderliche Studienleistungen gemäß § 11 (6) PO:
Successful participation in the Mobile Communication exercises will be accomplished by two parts:

1. Part: Successfully solving two practical assignment sheets:

A total of two practical assignment sheets will be issued, containing tasks of practical nature to apply programming and analysis skills in the topic area of mobile communication. The solutions need to be delivered in written form (including software) and will be personally presented in small teams of students*) to the lecture team. To get admitted to the exams, both practical assignment sheets need to be solved and presented in a satisfactory way.

*) the student team size for the practical exercises will be determined when the total number of participating students is known (i.e. during the first weeks of running the course).

2. Part: Successful participation in theoretical exercises:

A total of six (or seven) theoretical exercise sheets will be issued, supporting the understanding of the lecture topics. Each exercise sheet will contain three tasks.

The students need to prepare and solve the tasks to be able to actively contribute to the discussion in the tutorial. Students will be called randomly to check if they prepared themselves in a satisfactory way.

Each student may skip a maximum of 50% of the total tasks; each skipped task is counted in the following way:

- If a student wants to prevent being randomly asked on one specific task, she/he needs to announce *one* “miss” in advance
- If a student is randomly called, but not able to contribute to one task, it will be counted as *two* “misses”
- If a student is not present in the tutorial of an exercise sheet, this will be counted as three “misses” (for three tasks)
- If a student is not present due to sick leave, counting three “misses” can (optionally) be avoided in presenting a medical certificate

The theoretical requirement is fulfilled if the student has no more than 50% misses referring to the total number of tasks. Both parts 1. (practical) and 2. (theoretical) have to be fulfilled to get admitted to the exams.

Antragsteller/in: Dr. Günter Kniesel

Datum: 1.3.2016

Modul: MA-INF 3207 Advanced Logic Programming

Semester: Sommersemester x Wintersemester ☐ 2016

Erforderliche Studienleistungen gemäß § 11 (6) PO:

50% of the possible points for the exercises. The points are acquired by submitting solutions online and presenting them life, on the computer, in the small exercise groups conducted in our terminal pools. Acquiring and demonstrating the ability to work with the different tools (development environments, test tools, etc.) presented in the lecture is an essential part of the
exercises. Since they convey essential practical skills (similar to a lab) exercise groups are to be attended regularly.

**Antragsteller/in:** Felix Govaers  
**Datum:** 29.01.16

**Modul:** MA-INF 3233 - Advanced Sensor Data Fusion in Distributed Systems

**Semester:** Sommersemester 2016

**Erforderliche Studienleistungen gemäß § 11 (6) PO:**

50% of the possible points for the exercises. The points are acquired by a small programming exercise with a workload of about 15 h. The solution has to be submitted individually and will be rated by points.

**Antragsteller/in:** Prof. Dr. M. Meier  
**Datum:** 11.3. 2016

**Modul:** MA-INF 3236

**Semester:** Sommersemester 2016

**Erforderliche Studienleistungen gemäß § 11 (6) PO:**

Two performance tests will take place during the teaching period of the semester. The tests will be realized as Web-based online tests. For each test, participation will be possible within a time frame of at least 48 hours between Monday and Friday. The first test is expected to take place end of May. The second test is expected to take place end of June.

Participation in the final exam is allowed only if

- 30% of the achievable points are gained in each test
- AND 50% of all achievable points of both tests are gained. Participation in weekly exercises is recommended.

**Antragsteller/in:** Prof. Dr. Stefan Wrobel  
**Datum:** 02.03.2016

**Modul:** MA-INF 4112 Intelligent Learning and Analysis Systems: Data Mining and Knowledge Discovery

**Semester:** Sommersemester 2016

**Erforderliche Studienleistungen gemäß § 11 (6) PO:**

- joining an exercise solution group
- active contribution to the solution of all homework assignments in the exercise solution group
- regular submission of the exercise group solutions (in written form for the theoretic and algorithmic tasks and electronically for the programming exercises)

- up to the date where the admission decision is made: achievement of at least 50% of all possible points that can be received for the solutions submitted and for the oral presentation of the programming exercises

- passing of the mid-term exercise checkup

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**Antragsteller/in:** Dr. Nils Goerke  
**Datum:** 23.2.2016  
**Modul:** MA-INF 4201 Artificial Life  
**Semester:** Sommersemester 2016  
**Erforderliche Studienleistungen gemäß § 11 (6) PO:**

50% of the sum of possible credit points from the paper and pencil and the programming assignments are necessary to be admitted for the exam. Every week, after the lecture, an assignment sheet will be handed out. Solutions have to be handed in in written form for the paper and pencil assignments, and electronically as source code for the programming assignments one week later before the start of the lecture. There will be 12 paper and pencil assignment sheets with 15 points each, plus 5-8 programming assignments with a total of 60 points. The students shall work in two-person groups.

In order to receive credit for an assignment, a student must be present during the entire next tutorial in order to present, discuss, and receive feedback for the assignment tasks.

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**Antragsteller/in:** PD Dr. V. Steinhage, Dr. D. Schulz, D. Klein  
**Datum:** 02.03.2016  
**Modul:** MA-INF 4206 Selected Topics in Sensor Data Interpretation  
**Semester:** Sommersemester 2016  
**Erforderliche Studienleistungen gemäß § 11 (6) PO:**

50% of the possible points for the exercises.

The points are acquired by
1. handing in the assignment solutions within given deadlines,

2. being present in that exercise classes (over the complete duration of such an exercise class) when the assignment solutions are discussed and rated,

3. presenting the solutions in the exercise classes on demand.

There will be the theoretical assignments as well as practical assignments. Practical assignments will be organized as consecutive programming assignments that accompany the lecture classes and result in small system solutions. To foster key skills like self organization, time management, and creativity, the programming assignments should be processed in terms of independent study and programming that will reduce the amount of face-to-face teaching in lecture and exercise classes.

The final exam will be a written examination.

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**Antragsteller/in:** Prof. Dr. Stefan Wrobel  
**Datum:** 02.03.2016  
**Modul:** MA-INF 4212 - Data Science and Big Data  
**Semester:** Sommersemester 2016  
**Erforderliche Studienleistungen gemäß § 11 (6) PO:**

- joining an exercise solution group  
- active contribution to the solution of all homework assignments in the exercise solution group  
- regular submission of the exercise group solutions (in written form for the theoretic and algorithmic tasks and electronically for the programming exercises)  
- up to the date where the admission decision is made: achievement of at least 50% of all possible points that can be received for the solutions submitted and for the oral presentation of the programming exercises  
- passing of the mid-term exercise checkup

**Antragsteller/in:** Dr. Holger Fröhlich  
**Datum:** 29.1.2016  
**Modul:** MA-INF 4216 Data Mining and Machine Learning Methods in Bioinformatics  
**Semester:** Sommersemester 2016  
**Erforderliche Studienleistungen gemäß § 11 (6) PO:**

50% of the possible points for the exercises are required in order to get the admission to write the exam at the end of the semester. The points are acquired by solving homework exercises in small groups and presenting the solutions within tutorial classes.