

The following text is a translation of the *Erste Satzung zur Änderung der Studien- und Prüfungsordnung der Universität Stuttgart für den auslandsorientierten Masterstudiengang Master of Science in Geomatics (GEOENGINE) vom 01. 08.2008*, published as *Amtliche Bekanntmachung Nr. 49/08*. The German version is the legally binding document.

**First amendment to the Examination Regulations of the Universität Stuttgart for the international Master Course Master of Science in Geomatics Engineering (GEOENGINE).**

**Date 01.09.2008**

The Senate of the *Universität Stuttgart*, based on § 34 (1) 3 of the *Landeshochschulgesetz* of 01.01.2005 (GBl. 2005, S. 1), has enacted on 18.06.2008 the following first amendment to the Examination Regulations of the *Universität Stuttgart* for the international Master Course Master of Science in Geomatics Engineering (GEOENGINE) of 03.08.2007 (*Amtliche Bekanntmachung Nr. 43/07*).

The rector of the *Universität Stuttgart* has given his consent to this amendment according to § 34 (1) 3 of the *Landeshochschulgesetz* on 01.09.2008, ref. 7831.175-G-01.

**Article 1**

**1. §9 (3) will be changed as follows:**

The paragraph indication “§ 4 (3)” will be replaced by “§ 4 (2)”.

**2. In § 12 (4) the following sentence will be inserted after the 2nd sentence:**

“The grade for Module 6 is not part of the overall grade.”

**Article 2**

Appendix 1 is recast into the following form:

**“Extent of Course Modules and Examinations”**

	ECTS	Advance Achievements	Type of Examination	Duration of Examination
<b>Mandatory Modules</b>				
Advanced Mathematics Module 1	5	assessed semester work	written	90 min.
Geomatics Methodology Module 2	10	assessed semester work	written	180 min.
Geodesy Module 3	9	assessed semester work	written	180 min.
Data Acquisition Module 4	9	assessed semester work	written	180 min.
Representation of Geodata Module 5	5	assessed semester work	written	90 min.
Language and Culture Module 6*	9	assessed semester work	oral and written	180 min.
Law Module 7	3	—	written	90 min.
Integrated Fieldwork Module 8	5	assessed semester work	oral	20 min.

<b>Elective Modules</b>				
Positioning and Navigation Module 9	10	assessed semester work	written	180 min.
Geo-Telematics Module 10	10	assessed semester work	written	180 min.

\*Upon motivated request to the Examination Board Module 6 can be replaced by an equivalent Course at Master level from the Curriculum of the *Universität Stuttgart*.

### **Article 3**

This amendment is enacted on the day of 01.10.2008.

Stuttgart, 01.10.2008

(signature)

Prof. Dr.-Ing. Wolfram Ressel  
(rector)

# **Examination Regulations of the Master of Science Programme of Study in Geomatics Engineering (GEOENGINE) at the Universität Stuttgart**

Date 03. August. 2007

Based on § 34 (1) sentence 3 of the Landeshochschulgesetz from 01.01.2005 (GBl. 2005, p. 1) the Senat of the Universität Stuttgart has on the day of 17. May 2006 enacted the following Examination Regulations Regulations of the Universität Stuttgart for the internationally oriented programme of study for a Master of Science in Geomatics Engineering (GEOENGINE).

The Rektor has given his consent based on § 34 (1) sentence 3 of the Landeshochschulgesetz on the day of 03. August 2007, Az.: 7831.175-G-01 .

## **Preamble**

This is a translation of the "Examination regulations of the Master of Science programme of study in Geomatics Engineering (GEOENGINE) at the Universität Stuttgart". It has been prepared for the purpose of information only; the legally binding document is the original version written in German language entitled "Prüfungsordnung der Universität Stuttgart für den auslandsorientierten Studiengang Master of Science in Geomatics Engineering (GEOENGINE), vom 3. August 2007".

## **§ 1 Purpose of the Master of Science Examination**

(1) The Master of Science examination terminates the programme of study with a professional qualification. With the examination the candidate demonstrates that the ability to apply in the field of Geomatics Engineering proper scientific methodology has been acquired and that the necessary knowledge for the transition to professional practise has been obtained.

(2) The language for lectures and examinations is English. The only exceptions from this rule are the German language course and those elective courses that are explicitly marked as being taught in German.

(3) The programme of study is non-consecutive.

## **§ 2 Master of Science Degree**

After passing the examination the Universität Stuttgart grants the academic degree "Master of Science" (M. Sc.) .

## **§ 3 Structure of the Study Programme, Language Regulations**

(1) The standard period of study including the time allotted to the Master Thesis preparation is 3 semesters.

(2) The programme of study is subdivided into:

1. two semesters consisting of mandatory and elective course modules,
2. a accompanying programme consisting of non-technical modules (languages, humanities, economics and law),
3. an integrated fieldwork of ten days duration,
4. a Master Thesis in the third semester.

The subdivision of the programme of study including the modules offered is listed in appendix 1, which is part of this Examination Regulation.

(3) The amount of time required for the successful completion of the programme of study is 90 ECTS including the time for preparation of the Master Thesis.

(4) In general lectures are given in English language. Exceptions are German language lectures for some elective modules. Examinations are always administered in the language of the corresponding course. The Master Thesis has to be written in English language.

#### **§ 4 Examinations and Examination Time Limits**

(1) The mandatory and elective modules are completed with a concomitant module examination. Die Pflicht und Wahlpflichtmodule des Studiums werden jeweils mit einer Modulprüfung abgeschlossen.

(2) The admission to an examination requires that advance achievements listed in appendix 1 have been completed.

(3) The admission according to §9 is required for the Master of Science Examination; it consists of the module examinations according to appendix 1 and the Master Thesis.

(4) An extension of the time limit for examinations can be granted for students, who are legally bound to care for children under the age of three years and apply for such an extension. The examination board decides upon receiving such applications from students. Time limits for repeat examinations can be extended up to two semesters only; otherwise the maximum extension is two years.

(5) An extension of the time limit for examinations can be granted for students, who for ill health reasons are unable to attend regularly the course lectures and to take the examinations in due time, and apply for such an extension. The examination board decides upon receiving such applications from students. Time limits for repeat examinations can be extended up to two semesters only; otherwise the maximum extension is two years.

(6) Pregnant students are not allowed to take examinations during the last six weeks before childbirth. Exceptions can be made upon written application to the chair of the examination board by the student in which the student explicitly states the willingness to take the examination. The application can be withdrawn by the student anytime. Women in childbed are not allowed to take examinations during the first eight weeks after childbirth. In the case of preterm or multiple birth this period is extended to twelve weeks.

#### **§ 5 Examination Board**

(1) The examination board organises the examinations and is in charge of enforcing the examination regulations. The examination board reports regularly to the Faculty of Aerospace Engineering and Geodesy regarding the developments in study duration including the actual duration for the preparation of the Master Thesis, and regarding the marks achieved in individual modules and overall. The examination board advises regarding further development of the programme of study and the examination regulations.

(2) The examination board consists of five voting members and a non-voting student member. The chair of the board, the members of the board and their substitutes are elected by the faculty council. The chair of the board and the substitute must be professors; the other members can be professors or research and teaching assistants. The members in professorial rank must have a voting majority.

(3) The voting members are elected for a period of three years; the student member is elected for a period of one year. Re-election is admissible.

(4) The members of the boards are allowed to attend in examinations.

(5) The members of the board and their substitutes are sworn to secrecy. The members must be sworn to secrecy by the chair, if they are not members of the public service.

## **§ 6 Examiners and Assessors**

(1) The examination board appoints the examiners and the assessors. The appointment can be assigned to the chair of the board.

(2) In general examinations not concomitant to course modules are to be administered by professors or research and teaching assistants who have been authorised for his task. In general examiners should have been teaching independently course modules in the field of the examination.

(3) To be appointed an assessor for an oral examination requires, that the appointee is a graduate of GEOENGINE or a graduate of a comparable programme of study, or that the appointee has successfully completed a comparable examination.

(4) The chair of the examination board is obliged to inform the examination candidates about the appointed examiners in due time.

(5) §5 (5) applies equally to the examiners and assessors.

## **§ 7 Credits for Examination Results in other Programmes of Study**

(1) Time periods of study, study and examination results from other programmes of study can be credited, if equivalence is ascertained. Equivalence is to be ascertained, if the period of study, study and examination results are similar in extend and contend. The Examination Board decides about crediting. In cases of doubt the advice of the Zentralstelle für ausländisches Bildungswesen can be asked for.

(2) If study and examination results from other programmes of study are credited, the grades of these results are to be transferred and used in the calculation of the overall grade.

(3) The chair of the Examination Board decides upon application by the candidate about crediting time periods of study, study and examination results from other higher education institutions and from other programmes of study, based on the opinion of the relevant examiner. Crediting can be refused, if credits for more than half of the module examinations or for the Master Thesis are applied for.

## **§ 8 Failure to Attend, Withdrawal, Cheating**

(1) Withdrawal from examinations registered for according to §10 (1) is possible only for cogent reasons, and with the consent of the chair of the examination board.

(2) Failure to attend an obligatory examination will result in a mark "nicht ausreichend" (5,0); the same result is obtained if the student withdraws without cogent reasons after the examination has begun, or if in the case of written examinations the proper results are not achieved within the allotted time.

(3) The reasons claimed for withdrawal must be submitted in writing to the chair of the examination board at least 10 working days before the examination date. In the case of failure to attend for reasons of ill health, a medical certificate must be submitted to the chair of the examination board within three working days. The medical certificate must state that the candidate is unable to take the examination and indicate, for how long the ill health condition is likely to persist. An ill health condition of the candidate's child can similarly be claimed as an acceptable reason for late registration for examinations, for not achieving proper examination results within the allotted time, and for failure to attend a scheduled examination. If the chair of the examination board accepts the student's reasons, the candidate must take the examination at the next possible date; partial examination results are to be recognised and valued for the grading of the examination. If the chair of the examination board does not accept the student's reasoning, the examination result will be graded "nicht ausreichend" (5,0).

(4) If the candidate attempts to improve the examination result by cheating or by using resources not permitted, the result of the examination is graded "nicht ausreichend" (5,0). If the candidate obstructs the proper administration and execution of the examination, the examiner can exclude the candidate from the continuation of the examination. In this case the examination is graded "nicht ausreichend" (5,0). In severe cases the examination board can exclude the candidate from further examinations.

(5) The candidate may demand within a period of one month, the decisions according to section (4) be reviewed. Decisions not in favour of the candidate are to be communicated to the candidate immediately in writing. Such decisions are to be substantiated; legal advice regarding appealing the decision is to be provided.

## **§ 9 Admission to Examinations**

A candidate who

1. is registered as a student in the programme Geomatics Engineering;
2. is matriculated as a student at the Universität Stuttgart;
3. has generated the advance achievements for the examination according to §4 (3);
4. has not lost the examination entitlement in the Master of Science programme Geomatics Engineering

can be admitted to examinations.

## **§ 10 Admission Procedures for Examinations**

(1) The application for admission to examinations must be submitted in writing to the Examination Office (Prüfungsamt) within the announced deadlines. It is valid for the immediately following examination date only.

(2) The application must be accompanied by documentation regarding compliance to the requirements listed in §9, unless this documentation is already available at the Universität Stuttgart from earlier submission.

(3) The chair of the examination board decides about the admission to examinations. In controversial cases the examination board takes the decision.

(4) The admission can be declined only if

1. the requirements listed in §9 are not fulfilled or

2. the documentation is incomplete.

(5) If at the time of application the advance achievements are incomplete, the admission to the examination can be granted conditionally. In this case the completed advance achievements must be shown to the examiner by the time of examination at last.

(6) If the candidate is unable to provide documentation required in (2) in a prescribed form, the Examination Board may allow to provide other acceptable evidence.

## § 11 Extend and Types of Examinations

(1) The Master of Science Exam consists of the examinations of the mandatory and elective modules and the Master Thesis (§ 3 and § 4). In general the module examinations are written examinations according to the list in the appendix.

(2) If the candidate shows beyond reasonable doubt that for reasons of disability the examinations cannot be completed in the prescribed form and/or within the prescribed time limit, the opportunity to complete the examination in another form and/ within an extended time limit is to be offered. A medical certificate may be requested.

## § 12 Grading of Examination Results

(1) The grades for individual examinations are determined by the respective examiner. The following grades are admissible:

1 = sehr gut	=	an excellent performance
2 = gut	=	a performance that is significantly above average
3 = befriedigend	=	an average performance
4 = ausreichend	=	a performance that is sufficient despite deficiencies
5= nicht ausreichend	=	an insufficient performance

For a more differentiated grading the above listed numerical grade can be increased or decreased by a value of 0,3; die grades 0,7; 4,3; 4,7 and 5,3 are not admissible.

(2) A module examination is passed if the examination grade is at least "ausreichend" (4,0). Die module grade is obtained according to § 12 (1). The module grades are:

for a result up to 1,5	=	sehr gut
for a result above 1,5 up to 2,5	=	gut
for a result above 2,5 up to 3,5	=	befriedigend
for a result above 3,5 up to 4,0	=	ausreichend
for a result above 4,0	=	nicht ausreichend

(3) The grade obtained for the Master Thesis contributes to the overall grade with a weight equivalent to 25 ECTS.

(4) To pass the Master Exam all individual module examinations and the Master Thesis must be passed. The overall grade of the Master Exam is obtained as the weighted average of the grades of the individual module examinations and the Master Thesis. The weight to be used for calculating the average are the ECTS point associated with the modules. The overall grade of the Master Exam is:

for a weighted average up to 1,5	=	sehr gut
for a weighted average above 1,5 up to 2,5	=	gut
for a weighted average above 2,5 up to 3,5	=	befriedigend
for a weighted average above 3,5 up to 4,0	=	ausreichend

(5) Only the first decimal (after the comma) is used in the calculated weighted average; i.e. the weighted average is truncated (without rounding) after the first decimal.

### **§ 13 Written and Oral Examinations**

(1) With written examinations the candidate is to demonstrate the ability to understand and solve a professional problem within a given time limit and with a selected collection of resources.

(2) Written examinations are to be evaluated by at least one examiner. In general this examiner should be a professor. If the examiner grades the examination results with "nicht ausreichend" the evaluation by a second examiner is required. The final grade then is the average of the two individual grades. An hour of written examination can be replaced by 15 minutes of oral examination, if this has been announced at least four week prior to the examination on the notice board of the respective institute, and if the chair of the Examination Board has agreed to the change. The duration of the written examinations is listed in the appendix 1.

(3) With oral examinations the candidate is to demonstrate that the interrelations of the field of study to be examined are understood and that particular questions can be properly allocated to these interrelations. Additionally the oral examinations are to assess the candidate's breadth in fundamental knowledge

(4) Oral examinations are conducted by a committee consisting of all examiners having contributed to the module. If only one examiner is present at an oral examination the examination requires the presence of a knowledgeable assessor.

(5) The essential facts and the results of the oral examination are to be documented in a written record. The result of the examination is to be communicated to the candidate immediately after the examination.

### **§ 14 Passing the Master of Science Exam**

(1) The Master of Science Exam is passed, if all individual mandatory and elective module examinations and the Master Thesis have been graded at least with a grade of "ausreichend" (4,0).

(2) The overall grade of the Master Exam is calculated according to §12 (4) and (5).

(3) In the case of outstanding achievements (overall grade up to 1,2) the overall grade will be changed to "mit Auszeichnung bestanden".

### **§ 15 Repetition of Examinations**

(1) An examination that has been graded "ausreichend" or better cannot be repeated.

(2) Module examinations an the Master Thesis can be repeated once, if they have been graded "nicht ausreichend".

(3) A second repetition of a module examination is possible for one module only, if the repetition is approved by the examination board. A second repetition of the Master Thesis not allowed.

(4) Failed examinations must be repeated at the next scheduled examination date. Failure to take the examination at the next possible examination date will result in a grade „nicht ausreichend“. If the reasons for not taking the exam at the next possible date are not within

the responsibility of the candidate, a corresponding application must be made to and is decided by the examination board; §8 (3) is applicable.

(5) The first repetition of a written examination can be augmented by an oral examination of approximately 30 minutes duration, if the written repetition has been graded "nicht ausreichend". The result of a repeated written examination augmented by an oral examination can be graded only "ausreichend" (4,0) or "nicht ausreichend" (5,0). For the oral part of the repeated examination §13 (4) and (5) are applicable.

## **§ 16 Master Thesis**

(1) The Master Thesis is to show that the candidate is able to solve within a given time limit a professional problem independently using the proper scientific methodology.

(2) The topic of the Master Thesis is issued if the candidate has obtained at least 45 ECTS points in the programme of study.

(3) The Master Thesis can be issued, supervised and graded only by professors within the Master programme Geomatics Engineering. In substantiated exceptional cases the examination board can allow, that the topic is issued by professors of other faculties of the Universität Stuttgart, or by professors of other universities. The candidate has the right to propose a thesis topic. The candidate is advised during the preparation of the thesis. The date of issue of the Master Thesis topic and the date of submission of the thesis are to be put on record.

(4) Upon application the chair of the examination board will take care that the candidate is issued a thesis topic in a timely manner.

(5) The topic of the Master Thesis can be returned only once and only during the first four weeks after issue.

(6) The Master Thesis must be finished within a period of six months. Upon a substantiated application by the candidate, this period can be extended up to nine months by the chair of the examination board in agreement with the thesis supervisor.

(7) Upon submission of the Master Thesis the candidate must affirm in writing, that the thesis was prepared independently, and that no sources and resources were used other than those listed in the thesis.

(8) An oral presentation is part of the Master Thesis; the evaluation of the oral presentation contributes to the grade awarded for the Master Thesis.

## **§ 17 Acceptance and Grading of the Master Thesis**

(1) The Master Thesis is to be submitted in time according to the rules and regulations of the issuing institute. The date of submission is to be put on record. If the deadline for submission of the thesis is exceeded, the thesis will be graded "nicht ausreichend" (5,0); unless the delay is not in the responsibility of the candidate. The Examination Board decides about this upon application by the candidate.

(2) The Master Thesis is to be evaluated by one examiner. This examiner should be the person who issued the topic of the thesis. If the examiner grades the thesis with "nicht ausreichend" the evaluation by a second examiner is required. For a repeated Master Thesis according to § 15 (2) the Examination Board appoints the second examiner. If the two grades are not the same the final grade is the average of the two individual grades.

## **§ 18 Certificate**

(1) Without delay a certificate is to be issued after the Master Exam has been passed. The certificate is bilingual (German/English) and contains

- the name of the programme of study
- the module examinations with name, weight and grade subdivided in mandatory and elective modules, and the topic and grade of the Master Thesis
- the overall grade
- die scale for module grades and the overall grade

(2) The certificate is signed by the chair of the Examination Board. The certificate carries the date of the last examination.

(3) Additionally a Diploma Supplement to the graduates.

(3) If the Master of Science Exam is definitively and finally not passed, the Examination Office (Prüfungsamt) issues a corresponding written notification to the candidate including legal advice. Upon application the candidate receives a certification with the results of the module examinations indicating that the Exam has not been passed.

## **§ 19 Master of Science Deed**

(1) After the Master of Science Exam has been passed the candidate is issued a Master of Science Deed with the same date as the certificate. This document certifies that the academic degree “Master of Science” has been conferred. The Master of Science Deed is bilingual (German/English).

(2) The Master of Science Deed is signed by the Rektor and the chair of the Examination Board and carries the seal of the university

(3) In addition to the Master of Science Deed and the certificate a Diploma Supplement is issued to the candidate.

## **§ 20 Invalidity of Master of Science Exam**

(1) If the candidate has been cheating in examinations and if this fact becomes known only after the certificate has been handed out to the candidate, the Examination Board can correct the respective grade retroactively. The board may declare the examinations have not been passed in part or totally.

(2) If the preconditions for examinations were not complete without the candidate intending to cheat, and if this fact becomes known only after the certificate has been handed out to the candidate, this deficiency is considered remedied by passing the examination. If the candidate was aware that the preconditions were not completed, the Examination Board takes proper decisions.

(3) The opportunity for a statement is to be given the candidate before the board takes a decision.

(4) The incorrect certificate is to be confiscated and a new one is to be issued if applicable. Together with the certificate also the Master of Science Deed is to be confiscated, if the examination was declared not to have been passed because of cheating. Decisions according to (1) and (2) are not possible later than five years after the date indicated on the certificate.

## **§ 21 Inspection of Examination Documents**

Within a period of one year after the end of the examinations, upon application the candidate is granted the opportunity to inspect the written examinations, the evaluation of the examinations by the examiners, and the written records of oral examinations. The examiner determines time and place for the inspection within a reasonable time frame.

## **§ 22 Coming into Effect**

These Examination Regulations come into effect 01. October 2006.

**Extent of Course Modules and Examinations**

	<b>ECTS</b>	<b>Advance Achievements</b>	<b>Type of Examination</b>	<b>Duration of Examination</b>
<b>Mandatory Modules</b>				
Advanced Mathematics Modul 1	5	assessed semester work	written	90 Min.
Geomatics Methodology Modul 2	10	assessed semester work	written	120 Min.
Geodesy Modul 3	9	assessed semester work	written	120 Min.
Data Acquisition Modul 4	9	assessed semester work	written	120 Min.
Representation of Geodata Modul 5	5	assessed semester work	written	90 Min.
Language and Culture Modul 6	8	assessed semester work	written and oral	180 Min.
Management and Law Modul 7	4	assessed semester work	written	180 Min.
Integrated Fieldwork Modul 8	5	assessed semester work	oral	20 Min.
<b>Elective Modules</b>				
Positioning and Navigation Modul 9	10	assessed semester work	written	120 Min.
Geo-Telematics Modul 10	10	assessed semester work	written	120 Min.

## E. Admission Regulations

### Admission Regulations of the Universität Stuttgart for the Programme "Master of Science in Geomatics Engineering" (GEOENGINE)

Date: xx.xx.xxxx

Based on §42 (4) and §48 (3) of the Universitätsgesetz in connection with §20 (3) of the Hochschulvergabeverordnung, and § 5 and §3 of the Hochschulzulassungsgesetz, the Senat of the Universität Stuttgart on the day of xx.xx.xxxx has enacted the following charter. The Ministerium für Wissenschaft, Forschung und Kunst Baden-Württemberg has given its consent on the day of xx.xx.xxxx (Az.: xxxx).

#### Preamble

This is a translation of the "Admission regulations of the Universität Stuttgart for the programme Master of Science in Geomatics Engineering (GEOENGINE)". It has been prepared for the purpose of information only; the legally binding document is the original version written in German language entitled "Zulassungsordnung der Universität Stuttgart für den auslandsorientierten Studiengang Master of Science in Geomatics Engineering (GEOENGINE)".

#### § 1 Admission Numbers and Frequency

- (1) A limited number of applicants will be admitted to the programme.
- (2) The particular number of admissions is determined by the Admission Number Regulation Baden-Württemberg in its effective version.
- (3) Admissions are once per year for the winter semester.

#### § 2 Quotas

75% of the available number of admissions according to §1 will be reserved for applicants falling under §3 (1a). Places that cannot be filled with applicants according to §3 (1a) can be used for applicants according to §3 (1b) and vice versa. If the number of applications exceeds the number of available places the Admission Board will rank the applications according to §5 by taking into account the qualifications according to §3 (1).

#### § 3 Admission Requirements and Criteria

- (1) The admission requires that the applicant
  1. a) holds a qualified Bachelor Degree in Geomatics Engineering or in another relevant programme of study or an equivalent degree from a foreign university with a standard period of study of four years.  
The qualification is documented by an overall grade of "gut" or better. Endorsing documents like letters of recommendation by professors and Graduate Record Examination (GRE) can be considered additionally.
  - or
  - b) holds an equivalent German qualification,

and

2. shows proof of sufficient command of the English language. In general, the language requirement is satisfied with a TOEFL-Test score of at least 550 (paper-based) or 213 (computer-based) points or another comparable proof.

(2) For the remedy of partial deficiencies the Admission Board can prescribe for individual student to attend specially designed courses to improve in the area of deficiency. These courses take place in the first two months of the first semester.

#### **§ 4 Admission Procedures**

(1) Admission applications must be received at the Universität Stuttgart by March 31 for admission in the next Winter semester.

(2) The Admission Board decides about the qualification of the candidates according to §3 and their ranking according to §2. The board proposes to the Rektor of the university the list of candidates to be admitted.

(3) The Rektor of the university decides about the admission.

(4) The general admission regulations of the Universität Stuttgart are not affected.

#### **§ 5 Admission Board**

(1) The Admission Board consists of three professors, a member of the group of research and teaching assistants, and a non-voting student member.

(2) The chair of the board, the vice chair and the other members are appointed by the Examination Board.

(3) The period of tenure of the voting members is three years; the period of tenure of the student member is one year. Re-appointment is permitted.

#### **§ 6 Coming into Effect**

These Admission Regulations come into effect the day after proclamation in the “ Amtliche Bekanntmachungen der Universität Stuttgart“. They are for the first time applicable for the admission procedures for the winter semester 2006/2007.