



**Agreement on the Extension of the
Dual-Degree Program**

between

Shanghai Jiaotong University

School of Electronic, Information, and Electrical Engineering (EIEE)

and

Technische Universität Berlin

Faculty of Electrical Engineering and Computer Science (EECS)

March 2005

1 Subject of the agreement and aims

This agreement describes the academic and administrative conditions concerning the realization of the double degree program. The program supports the exchange of students between Shanghai Jiaotong University (SJTU), School of Electronic, Information, and Electrical Engineering and TU Berlin, Faculty of Electrical Engineering and Computer Science. The aim is to enable students to receive degrees of both universities.

2 Academic conditions

2.1 This agreement applies to

- SJTU students,
 - who have successfully finished three years of courses in the undergraduate programs of EIEE (seniors),
 - and are well-versed in the German language, as demonstrated by the Deutsche Sprachprüfung zum Hochschulzugang (DSH) or TestDaF level 4.
- TUB students,
 - who have successfully finished their undergraduate studies (Vordiplom) within 4 semesters,
 - and are well-versed in the English language, as demonstrated by the TOEFL test (a minimum of 90 points in the TOEFL Internet-based Test (TOEFL iBT) is required).

2.2 Selection procedure

Both parties guarantee that participants of the dual degree program will be selected according to their academic, personal, and linguistic qualifications.

The home university proposes a list of selected students to the host university. The host university is entitled to inspect the list and to confirm chosen students. In case of problems the partners will make consensual regulations via their International Offices.

2.3 Exchange contingent

Up to ten students are to be accepted by the host university. In case of more than ten applicants, mutual regulations will be found.

2.4 Acknowledgement of student's achievements on entering the double-degree program

On the assumption of fundamental equivalence and based on mutual trust in the academic quality of the host university's curriculum it is agreed that:

- SJTU and TUB acknowledge the qualification for university entrance to TUB and the completed undergraduate studies (TUB-Vordiplom) as the entry requirement for fourth year's studies at SJTU.

- TUB and SJTU acknowledge the qualification for university entrance to SJTU and the completed third year of studies as being equal to the completed undergraduate studies (TUB-Vordiplom) at TUB. Therefore, students of SJTU will be enrolled at TUB in the fifth semester.

2.5 Curricular conditions

The following paragraphs state the curricular conditions.

- 2.5.1 The attended courses/lectures on both universities must overlap only slightly.
- 2.5.2 Students of SJTU choose two areas of study (Studiengbiet) at the beginning of the third year/fifth semester. Detailed contents of their study programs need to be approved by SJTU in advance so that there will be least overlapping with courses already completed at SJTU. For consultation at TUB students have to establish a personal contact to the professors, who are in charge of those areas. In those two areas students have to choose up to 40 SWS (60 ETCS) where 1 seminar (2 SWS) and one project (6 SWS) have to be included. Altogether, a total amount of 48 SWS (72 ECTS) is required during three terms. Thus, a sufficient number of additional courses have to be chosen additionally from other areas of study. The diploma thesis (Diplomarbeit) has to be performed in one of the chosen areas within 4 to 6 months. After two years of study at TUB, the students return to SJTU in order to complete their studies. In particular, a Master's Thesis has to be performed at SJTU.
- 2.5.3 Students of TUB move to SJTU after having finished their undergraduate studies (Vordiplom) within 4 semesters. To receive a M. Sc. degree SJTU demands additionally 47 credit points. Thereof 15 technical and 7 non-technical credit points are required for finalizing undergraduate studie.. The rest of 25 technical credit points are required for graduate studies The technical credit points have to be earned from "Major Specialty".

As some of those courses have already been covered by undergraduate courses at TUB (Vordiplom) the following restrictions apply:

Computer Science students can choose from

Computer Science Major except CS 214, CS 221, CS 361, CS 433

Electronics and Communication Major except EC 361, EC 452, EC 351, EC 453, EC 434, and EC 4110

Electrical Engineering students can choose from

Electronics and Communication Major except EC 361, EC 452, EC 351, EC 453, and EC 434

Automation Control Major

Instrument Science Major

Electrical Engineering Major

Computer Engineering students can choose from

Computer Science Major except CS 214, CS 221, CS 361, and CS 433

Electronics and Communication Major except EC 361, EC 452, EC 351, and EC 453

Automation Control Major

Instrument Science Major

Additionally, courses of the respective Master Programs can be chosen.

To receive the M. Sc. degree from SJTU additionally a Master's Thesis and one technical publication in a recognized magazine or conference is required. The acceptance notice of the publisher is sufficient. After finishing their Master's Thesis at SJTU, students return to TUB to complete their studies. In particular, a Diploma Thesis (Diplomarbeit) has to be performed at TUB.

All further details are handled by the examination boards (Prüfungsausschüsse) of the universities in question. Each change of the curriculum has to be agreed upon by both universities in writing.

2.6 Examination regulations (Prüfungsordnung)

SJTU students at TUB: During the studies at TUB, the examination regulations (Prüfungsordnung) of TUB are valid in the current version.

TUB students at SJTU: During the studies at SJTU, the examination regulations of SJTU are valid in the current version.

2.7 Awarding the degrees

After successful completion of the complete program at both universities, the students receive the degrees of both universities, i.e. the M. Sc. of SJTU and the diploma (Diplom) of TUB.

3. Financial arrangements

Participants of the dual degree program are responsible for their own travel and living expenses during the exchange, if there is no third party funding. The home as well as the host institution will, however, try to get financial support to defray all or part of those expenses. The host university will arrange for accommodations in a student dormitory, if wanted and possible.

Students participating in this dual degree program will pay their normal tuition and registration fees at their home universities. During the term of the agreement the host universities agree to waive all tuition fees for incoming students visiting under this agreement.

Technische Universität Berlin

Shanghai Jiao Tong University

Date:

Date:

Prof. Dr.-Ing. J. Steinbach

Prof. Yin Jie

Vice President

Vice President