



**Cooperation Agreement Concerning the Dual Degree Program  
between  
Technische Universität München (TUM)  
Represented by its Vice-President, Professor Liqiu Meng  
and  
Al Akhawayn University (AUI)  
Represented by its President, Professor Driss Ouaouicha**

**Article 1: Objective**

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The present agreement defines the framework for a double degree program between the School of Science & Engineering of AUI and the Faculty of Informatics of TUM.

This program allows students enrolled in the combined Bachelor of Science (BS) – Master of Science (MS) or MS only programs from the School of Science & Engineering of AUI and students enrolled in the Informatics master program from the Faculty of Informatics of TUM to simultaneously pursue the MS degree from AUI and the M.Sc. degree from TUM.

The following titles are awarded upon successful completion of the present double degree program:

- From AUI: BS and MS to AUI students. MS to TUM students
- From TUM: MS to both TUM and AUI students.

**Article 2: Dual Degree Program**

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The program requires five semesters instead of three respectively four semesters for each study program at AUI and TUM. TUM and AUI accept to transfer semester credit hours obtained by a student in the other institution into the home university's study program subject to their internal rules and regulations.

Both institutions have to agree on a study plan for the participating students before they start their studies. The study plan will be reviewed and adapted in cooperation between the student, AUI, and TUM. The purpose of the study plan is to make sure that the courses taken at one institution can be transferred to the other institution.

According to the study plan, TUM will transfer up to 30 ECTS for courses into the TUM curriculum, which requires 120 ECTS in total. AUI will transfer up to 6 SCH for courses taken at TUM into the MS curriculum which requires 27 SCH in total. The master thesis will be co-supervised.

ECTS stand for the European Credit Transfer Systems. Normally, TUM students take 30 SCH ECTS per semester.

SCH stands for Semester Credit Hours. Normally, AUI graduate students take 12 SCH per semester.

## **Article 2: Admission and Study Program**

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### **2.1. Application and Admission**

The application deadline for the double degree program is October 31<sup>st</sup>.

Admission to the double degree program requires:

- AUI students should have completed requirements for the BS program in Computer Science and been admitted to the MS program in Computer Science
- TUM students should have been admitted into the MS program of Informatics at TUM.

Students are selected jointly by TUM and AUI.

### **2.2. TUM Students**

#### **Admission to AUI**

TUM students admitted to the double degree program will be admitted into the Master Program of Computer Science at AUI.

TUM students need to be fluent in English in order to be able to follow courses at AUI.

#### **Program of Study**

**The number of ECTS and SCH given in the Table are earned or transferred to TUM and AUI.**

	Period	Activity	Institution attended	ECTS TUM	SCH AUI
1. Semester 1	Mid Oct. – mid Feb. (Application deadline: 31 Oct.)	Courses	TUM	30	6*
2. Semester 2	Mid Apr. – mid July (Acceptance: 15 Jan.)	Courses	TUM	30	
Enrollment at AUI	End August				
3. Semester	Sept. – Dec.	Courses	AUI	30*	9
4. Semester	Jan. – May	Courses	AUI		9
	June – Sept.	Language and culture courses	AUI and other places		
5. Semester	Oct. – Feb.	Thesis	TUM	30	3
				120	27

\*transferred credits/SCH

The master thesis will be co-supervised by faculty for both AUI and TUM.

### **2.3. AUI Students**

AUI students admitted to the double degree program will be admitted into the Master Program of Informatics at TUM.

Students from AUI either should have some German language skills or should be willing to learn some German during their studies. Students need to be fluent in English.

## Program of Study

				SCH AUI	ECTS TUM
1. Semester	Sept. – Dec.	Courses + application to TUM (1 Oct.)	AUI	6	30*
2. Semester	Jan. – May July – Oct.	Courses + (Acceptance notification on 15 Jan.) Internship	AUI In Morocco or in Germany	12	
Enrollment	September				
3. Semester	Oct. – Febr.	Courses	TUM	6*	30
4. Semester	Febr. – July	Courses	TUM		30
5. Semester	Sept. – Dec.	Thesis	AUI	3	30
				27	120

\* Transferred credits/SCH

The master thesis will be co-supervised by faculty from both AUI and TUM.

### 2.4. Conversion of Credits and Grades

Credits: 1 SCH = 2 ECTS

Grades: Only grades between 1.0 and 2.3 at TUM are transferable to AUI.

Only A and B of AUI are transferable to TUM, with grades of 1.0 and 2.0, respectively.

AUI →	TUM
A	1
B	2
C	3
D	4
F	5

Credits and grades earned for master level course work, seminar, labs and project work at the partner university will be accepted according to the above conversions and the local rules. Students should receive pre-approval of courses at home institution before going abroad. As a principle, courses do not need to be exactly identical but be a reasonable substitute.

## Article 3: Financial Considerations

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### 3.1. TUM Students

TUM students will have to pay the TUM tuition fee for the entire TUM's M.Sc. program.

TUM students enroll at AUI only for the two semesters spent there. They do not have to pay tuition at AUI.

### **3.2. AUI Students**

Students from AUI pursuing the double degree program pay the appropriate tuition fees to AUI during their entire studies.

AUI students enroll at TUM for the two semesters spent at TUM and will not have to pay TUM's tuition fees.

### **Article 4: General Organization**

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The number of double degree students is determined on mutual agreement between AUI and TUM. The goal of this program is to exchange on average the same number of students in both directions.

The exchange students will be fully registered at the receiving institution and remain registered at the sending institution.

### **Article 5: Starting Date and Cancellation**

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This agreement will be effective as of the date of its signing by the authorized representatives of the TUM and AUI.

Each signatory may cancel this agreement upon ninety days written notice. In such an event, the obligations of TUM and AUI towards the students, currently enrolled in one of the various programs, will be carried out under the conditions of the present agreement.

### **Article 6: Conditions**

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This agreement is subject to the policies and procedures of AUI, as well as the regulations and policies of the authorities governing TUM.

Ifrane: 12 March 2009

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Professor Liqiu Meng  
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