



Cooperation Agreement for a Double Degree (MSc) in Mechatronics

Between
Zagazig University- Egypt
and
Hochschule Bochum - Germany

This Cooperation Agreement is signed between **Zagazig University** -Egypt (hereafter ZU) and the **Hochschule Bochum** (hereafter **HBO**). ZU and HBO agree to administer the following terms concerning the awarding of a double degree.

1- Double degree program

Within the Tempus JIM2L project a Master degree (MSc) in Mechatronics is developed and implemented at the universities:

- Zagazig University, Egypt,
- Heliopolis University, Egypt,
- Higher Technological Institute, Egypt,
- Philadelphia University, Jordan,
- German Jordanian University, Jordan.

One goal of JIM2L is that students from these universities will spend a part of their studies at one of the European partner institutions, either London South Bank University (LSBU), Silesian University of Technology (SUT), Hochschule für Technik und Wirtschaft (HTW) des Saarlandes, or Hochschule Bochum (HBO).

It is also intended that students of the European partner universities spend a part of their studies at one of the partner institutions in Egypt or Jordan.

At the end of their studies the students receive a double degree, one by their home university and the other by a partner institution (here HBO).

2- Student placement

As a part of the 4-semester JIM2L-master course in Egypt and Jordan (1st academic year (1st and 2nd semester): theory; 2nd academic year (3rd and 4th semester): master thesis) the "study experience abroad" is intended to take place during the thesis stage.

HBO agrees to accept ZU master students in their 2nd academic year at the Faculty of Mechatronics and Mechanical Engineering or the Faculty of Electrical Engineering and Computer Science (Mechatronics Center North-Rhine Westphalia) of the HBO for one academic semester to work on their master thesis.

ZU also agrees to accept master level HBO students in the Mechatronics Engineering Department for one academic semester to elaborate their master thesis.

3- Status of the Students accepted under this Cooperation Agreement



The master students accepted by either HBO or ZU will have the status of "exchange student". They will have access to the same facilities available to regular students.

4- Selection of Students

HBO and ZU students wishing to enroll in their 2nd academic year at the other university will be nominated by their university. The final decision of acceptance will be made by the host university. The requirements for acceptance are fixed in section 5.

Students enrolling in their 2nd academic year at the two universities must demonstrate a good knowledge of the English language.

5- Requirements and design of the stay at HBO

The following requirements are necessary to complete the Master thesis at the HBO and to receive the HBO master degree:

- a) The student has successfully completed a BSc or BEng course in Egypt or Jordan.
- b) The student studies in the accredited JIM2L Mechatronics Masters Course in Egypt or Jordan.
- c) The first two theory semesters of the JIM2L Master Course correspond to a credit equivalent of 60 ECTS (equivalence of 30 ZU credit hours). Decision on admission will be made by the Chair of the responsible Board of Examiners of the HBO.
- d) The student has the acceptance of a supervisor at the HBO for his/her master thesis.
- e) The student spends his/her 3rd semester at HBO and is properly enrolled (enrollment requirements must be met, i.e. Bachelor grade higher than 2.5 (approximately 65% in JO/EG))
- f) The Master Thesis (Thesis Part 1) must be registered at the HBO.
- g) The Master Thesis (Thesis Part 1) must be submitted to the HBO and is evaluated at the HBO (including a viva).
- h) Basic knowledge of the German Language is strongly recommended.

6- Requirements and design of the stay at ZU

The following requirements are necessary to complete the Master thesis at ZU and receive the ZU master degree:

- a) The student has successfully completed a BSc or BEng course in Europe.
- b) The student studies in an accredited Mechatronics Masters Course in Europe.
- c) The first two theory semesters of the Master Course correspond to a credit equivalent of 60 ECTS (equivalence of 30 ZU credit hours). Decision on admission will be made by the Chair of the responsible Board of Examiners of the ZU.
- d) The student has the acceptance of a supervisor at ZU for his/her master thesis.
- e) The student spends a semester in his/her second academic year at ZU and is properly enrolled (enrollment requirements must be met, i.e. Bachelor grade higher than 2.5 (approx. 65% in JO/EG))



- f) The Master Thesis must be registered at ZU.
- g) The Master Thesis must be submitted to ZU and is evaluated at ZU (including a colloquium).

7- Tuition fees and other expenses

There will be no tuition paid to HBO. ZU Students, however, are liable for ancillary fees, such as the Student Services fees).

8- Number of Students

HBO and ZU agrees to accept from the other university up to five master students from the outcomes of the JIM2L project in one academic year.

9- Duration of Stay

The duration of stay of the participating master students from both universities will be limited to one academic semester and may be extended for another semester. The acceptance of the participating master students will take place at regular admission times and they will enroll at the beginning of each semester (exceptions to this can be discussed on an individual basis). The international offices of HBO and ZU will be the main contacts for the processing of applications.

HBO and ZU students will participate in an orientation phase before the semester begins. Need to specify the duration of the orientation period. The international offices at both universities will assist with all logistics, including visa applications for the students.

10- MSc degree certificate

Upon successful completion of the Thesis studies at HBO or ZU, students will receive the first MSc degree certificate by the corresponding university. (Equivalent to 90 ECTS/or 3 terms, no report is issued by HBO or ZU).

Then student returns to his/her home university t, completes his/her final semester at his/her home institution and receives his/her second certificate (double degree) and his/her final report.

11- Accommodation for the Accepted Students

Both HBO and ZU will assist, to the best of its ability, participating students to find suitable accommodation. However, payment of rent and other accommodation related charges, if any, will be the responsibility of the students themselves.

12- Health insurance for the Accepted Students

HBO and ZU students must acquire student health insurance cover upon arrival at the host university, for which they can consult the International Office at the host university for advice.

ZU will enroll the participating students in the student health insurance program at ZU. However, the cost of the health insurance and all related charges will be paid by the students themselves.

13- Effective Term of this Cooperation Agreement



This agreement will come into effect for a period of one year from the date that the first group of students enroll in Student Placement, and will be renewed automatically, unless terminated by a written notice thirty (30) days in advance by either HBO or ZU.

14-Contact person

ZU and HBO will each nominate a staff member to coordinate all aspects of this agreement.

Zagazig University

Hochschule Bochum

Place, Date

Place, Date

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Bochum, 11. Mai 2015
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