Agreement

on

Double Degree Master Program in
Engineering Science/Mechanical Engineering
(DDMPE)

between

Technische Universität Berlin (Berlin University of Technology)
Straße des 17. Juni 135, 10623 Berlin, Germany

and

Politechnika Warszawska (Warsaw University of Technology)
Pl. Politechniki 1, 00-661 Warsaw, Poland

Preamble

On the basis of the General Agreement on Strategic Partnership, dated May 12th, 2012, acting
towards international cooperation in science and education in the EU, Technische Universität
Berlin and Politechnika Warszawska, hereinafter referred to as TUB and WUT, respectively,
and both as Parties,

establish herewith a common Double Degree Master Program in Engineering Science/
Mechanical Engineering – hereinafter referred to as DDMPE.

The present agreement lays down the rights and obligations of the Parties in arranging Master
Studies within the DDMPE at the TUB and WUT.

This DDMPE will be realized by:
- Faculty V Mechanical Engineering and Transport Systems at TUB,
- Faculty of Automotive and Construction Machinery Engineering at WUT.

§ 1

General Regulations

1. The DDMPE results in the awarding of two degrees:
a) Master of Science in Mechanical Engineering/Mechanika i Budowa Maszyn at WUT
b) Master of Science in Engineering Science/Physikalische Ingenieurwissenschaft at TUB.

2. The program shall have a shared curriculum. All program credits obtained will be
recognized by both TUB and WUT.

3. The courses will be offered in German or in English (if available) at TUB and in Polish or
in English (if available) at WUT. Projects may be completed in English, German or Polish.

4. The following conditions must be fulfilled to enroll in the DDMPE:
a) WUT students:

(1) At least first-cycle degree in engineering from WUT or another Polish technical university, in Mechanical Engineering or another relevant course of studies (or international equivalent)

(2) Knowledge of English at a level determined by WUT.

(3) Knowledge of German at a level determined by TUB.

b) TUB students:

(1) At least three-year-bachelor degree at TUB or another German technical university in Engineering Science, Mechanical Engineering or another relevant course of studies (or international equivalent)

(2) Knowledge of English at a level determined by TUB.

(3) Knowledge of Polish at a level determined by WUT.

5. By enrolling in the DDMPE an individual study plan will be established and approved by both Parties.

6. The studies structure is described in detail in the attachment to this agreement. It has to be approved by the relevant bodies according to the regulations at WUT and TUB. Amendments and changes in the program come into force after being co-ordinated and confirmed by the above bodies of the partner universities.

7. Responsibility for carrying out the Double Degree Master Studies and its development rests with the coordinators of this DDMPE at WUT and TUB. The appropriate faculty councils of the partner universities appoint these responsible persons.

8. The number of students from each Party is limited to 10, per enrolment period of the Master program at each university.

§ 2

Master Studies Arrangements

1. The duration of the DDMPE is 2 years. To earn the M.Sc. degree students of DDMPE must complete at least 120 ECTS credits according to the rules set forth in the program regulations attached to this agreement.

At least 60 ECTS credits should be earned at the home university, and at least 60 ECTS credits at the partner university. ECTS credits are mutually recognised.

The students are enrolled to the DDMPE at their home university. During the stay at the partner university they will be enrolled as double degree students.

2. Guest professorships are encouraged. Part of the courses may be taken during such guest professorships instead of a stay at the partner university. The guest lectures will be given in English.

3. The DDMPE shall consist of the following categories:

a) For TUB students:
   - at least 18 ECTS credits advanced mathematical and advanced basic subject courses
   - at least 24 ECTS credits + project in one of the strong points listed below
   - at least 24 ECTS credits + project in the second one of the strong points listed below
   - at least 18 elective ECTS credits in technical subjects
   - at least 12 elective ECTS credits in non-technical subjects
   - project (at least 6 ECTS credits at TUB or WUT)
   - Master thesis (at least 18 ECTS credits at TUB or at WUT).
The list of the strong points:
- numerics and simulation
- mechatronics
- solid state mechanics
- technical acoustics

b) For WUT students:
- at least 12 ECTS credits - advanced mathematical and advanced basic subject courses
- at least 38 ECTS credits - fundamentals of technical subjects
- at least 40 elective ECTS credits in technical subjects
- at least 4 elective ECTS credits in non-technical subjects
- at least 6 ECTS credits in interim project
- Master thesis (at least 20 ECTS credits at TUB or at WUT).

According to the peculiarities of the Master programs of each university, lists of module groups for the elective credits in technical subjects can be compiled. All courses assigned to particular categories or strong points are listed in the module catalog.

Advanced language courses may be chosen to fulfill 12 non-technical elective ECTS credits.

4. For each category of the DDMPE a module catalogue will be created. The modules descriptions provide:
- the title of the course,
- the responsible person and his/her address and e-mail,
- the language,
- the contents,
- the qualification aims (competences and learning outcomes),
- the workload calculation,
- ECTS credits,
- qualification requirements for successful participation in the course.

5. Examinations are carried out in the language of a course or in English on student demand.

6. The Master thesis shall be carried out according to the regulations of the university where the thesis is supervised. The master thesis has to be written in English. The partner university is to receive a 4-page extended abstract of the thesis in its language of instruction.

7. The diploma examination will be conducted in accordance with the regulations of both partner universities.

§ 3
Financial Commitments

1. The partner universities incur expenses of preparation of DDMPE, enrollment and realization of the program.

2. Students incur expenses connected with going abroad, i.e. passport and visa (if necessary), travel, health insurance and accommodation and costs of living.

3. Partner universities will assist in arrangements connected with traveling abroad (student dormitories accommodation, bringing in of grants for the program).

4. Students participating in this double 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. However, students will be required to pay other mandatory university fees.

The tuition fees for students who are not European Union citizens will be determined in an appendix to this Agreement, if needed.

§ 4

Duration, Changes and Termination of Agreement

1. This Agreement will be effective from the date of signature of both Parties and shall remain valid until the end of year 2020, if not terminated earlier.

2. The Agreement can be prolonged for a period of five years in form of a written Appendix signed by the President and the Rector of the partner institutions before the expiration date.

3. The Agreement can be terminated by each Party through a written notice signed by President/Rector of the partner institution TUB/WUT, received by the other Party 6 months prior the date of termination.

4. Termination of the Agreement must not affect students of both Parties engaged in the Program the Agreement is concerned with.

5. Any change of this Agreement needs a written form of an Appendix signed by the President and Rector of the partner institutions.

§ 5

Language and numbers of copies

This agreement is signed in English language, in two copies, one copy for each Party.

Technische Universität Berlin
Berlin University of Technology

Prof. Dr. Christian Thomsen
President
Berlin, 24.8.2015

Politechnika Warszawska
Warsaw University of Technology

Prof. dr hab. inż. Jan Szmidt
Rector
Warsaw, 6.8.2015

Dean Faculty V – Mechanical Engineering
Transport Systems

Prof. Dr. Henning Meyer
Dean
Berlin, 29.1.2015

Dean - Faculty of Automotive and Construction Machinery Engineering

Prof. dr hab. inż. Stanisław Radkowski
Dean
Warsaw, 2.2.2015